NEAR EAST UNIVERSITY

Faculty of Engineering

Department of Computer Engineering

SUPERMARKET DELIVERY AUTOMATION SYSTEM

Graduation Project COM – 400

Student:

Eren Erdoğan

Supervisor:

Ümit Soyer

Nicosia - 2008

ACKNOWLEDGEMENTS

First, I would like to thank my supervisor Ümit Soyer for his invaluable advice and belief in my work and my self over the course of the graduation Project.

Second, I like to express my gratitude to Near East University for scholarship that made the work possible.

Third, 1 thank my family for their constant encouragment and support during the preparation of this project.

Finnally, I would also like to thank all my friends for their advice and support.

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ABSTRACT

The aim of this Project is to record the stocks of products, makes sale and purchase, record accounts of firms, makes accounting, briefly this project manages the supermarket automation. The program was prepared by using microsoft visual basic.Net in microsoft visual studio.NET 2003 programming and using SQL server 2000 as database.

This project consist of many different pages but most of them depended each other Initially, connection to database form comes to screen. Afterwards the sign in form and then main form of Properties Company comes to screen. Home page in main menu guides you to see the other menus.

This program is practical and useful in the supermarkets. It can be modified with the new developments and requirements of people in the technology in future. The program must be clear and easy to learn for users, hence it can be acceptable widely.

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LIST OF ABBREVIATIONS

VB.NET	Visual Basic.NET
SQL	Structured Query Language
OOP	Object Oriented Programing
SDACS	Spermarket Delivery automatin system
GUI	Graphical User Interface
API	Application Programing Interface
VSAM	Virtual Storage Access Method
ANSI	American National Standart Institute

INTRODUCTION

Visual Basic.NET is a Microsoft-created object-oriented programming language which incorporates features of Microsoft's .NET Framework and Web Services, such as SOAP, which were originally developed using XML.

Visual Basic.NET uses punctuation in its basic syntax to make the program easily readable and to help the compiler sort the code. The main reason for this is so that any programmer can read your code and easily understand what you are doing, because they write their code like you write yours.

The project consist of the introduction, abstract, four chapters ,conclusion.

- Chapter one describes Basic Concept of Visual Basic.NET
- Chapter two describes the SQL server 2000.
- Chapter three explain Supermarket Delivery Automation Control System by Using Visual Basic.NET.

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• Cheapter four explain sql tables and stored procedure.

CHAPTER ONE: MICROSOFT VUSUAL BASIC.NET IN MICROSOFT VISUAL STUDIO.NET 2003

1.1. Description Of Visual Basic.NET

VB .NET is a version of Microsoft's Visual Basic that was designed, as part of the company's .NET product group, to make Web services applications easier to develop. According to Microsoft, VB .NET was reengineered, rather than released as VB 6.0 with added features, to facilitate making fundamental changes to the language. VB.NET is the first fully object-oriented programming (OOP) version of Visual Basic, and as such, supports OOP concepts such as abstraction, inheritance, polymorphism, and aggregation.

Visual Basic.NET is a Microsoft-created object-oriented programming language which incorporates features of Microsoft's .NET Framework and Web Services, such as SOAP, which were originally developed using XML.

Visual Basic.NET, which thought would be a "sequel" to Visual Basic 6.0, has a totally different language core. There is no backward nor forward compatibility between Visual Basic 6.0 projects and code and Visual Basic.NET projects and code. Visual Basic.NET is a language designed to create .NET applications, Windows or Web applications, and Web Services. (Except for short Windows applications, these are topics beyond a first semester programming class.)

1.1.1. Object-Oriented Programming(OOP)

The developers of the language incorporated object-oriented programming (OOP) features such as inheritance, method overloading, organized exception handling, and free threading to make Visual Basic a powerful object-oriented programming language. (Prior versions were extensible from the very beginning.) The newer objectoriented programming (OOP) features of Visual Basic.NET are not usually covered in a first semester programming class.

1.1.2. Graphical User Interface(GUI)

With Visual Basic.NET a student can drag objects from the Toolbox into the Work area, specify the Properties and behavior of each object and thereby create business applications while learning the programming principles taught during most short Introduction to Visual Basic.NET programming courses.The student will not have to deal with trying to program the user interface using code.

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1.1.3. Windows API

There is abstraction of the hardware, meaning that a programmer of Visual Basic.NET does not have to know about the inner workings of the hardware because Windows handles the functionality of the hardware, provides generic routines (Windows API, or Application Programming Interface) to communicate with hardware drivers provided by hardware manufacturers.

1.2. History of Visual Basic

- Before Visual Basic: C and C++ were used to create Windows applications and this was a complicated process.
- 1991 Microsoft released Visual Basic 1.0; Programmers could "draw" upon their own User Interface. Business problems could be solved with the quickly created application. Code was written by the programmer to react to user events (how a user responded to objects on the User Interface).
- Nov 1992 Visual Basic 2: Included a Professional Edition, MDI Forms, ODBC, and object variables.
- June 1993 Visual Basic 3: Enabled the building of database applications with Data Access Objects (DAO); OLE Automation and the Jet (Access Engine).
- Oct 1996 Visual Basic 4: Introduced classes, OXC's, and allowed programmers to create their own add-ins.
- April 1997 Visual Basic 5: Programmers could target features of Windows 95.
 Added a compiler and the ability for a programmer to create ActiveX Controls.
- Oct 1998 Visual Basic 6: Introduced ActiveX Data Objects (ADO) to manipulate data, create data sources. This was to help programmers use Active Server Pages to access database objects. (VB6 was included with Visual Studio 6.0)
- Feb 2002 Visual Basic.NET 2003 (and Visual Studio 2003)

CHAPTER TWO: SQL SERVER 2000

2.1. Description of SQL server 2000

SQL Server 2000 comes with far more than just the usual RDBMS – it has additional components that would, for many products, be sold entirely separately or with add-on pricing. Instead, Microsoft has seen fit to toss in these extras at no additional charge.

2.2. A Brief History of Databases

SQL Server is an **RDBMS** – or **Relational Database Management System**. RDBMS systems are at the pinnacle of their popularity at the moment. Using an RDBMS as the basis for data storage is plainly "the way it's done" for most applications nowadays – but it wasn't always this way.

2.2.1. Types of Databases

Databases are not just limited to the computer-based systems that we typically think about when we hear the term – they are much, much more. A database is really any collection of organized data. Even Webster's dictionary puts a qualifier on any computer notion:

Database: A usually large collection of data organized especially for rapid search and retrieval (as by a computer).

The file drawers in your office are really something of a database (that is, if they are better organized than mine at home). In fact, databases have existed throughout most of the history of the "civilized" world, going back to the days of the early philosophers and academics (Socrates, Aristotle, Hippocrates, etc.).

That being said, there's a reason why databases are so closely associated with computers. It's because, for most database situations (virtually, but not quite, all of them), computers are simply the fastest and most efficient way to store data. Indeed, the term database is thought to have originated from the

computing community in 1962 or so.

Databases, then, fall into a number of common categories:

• <u>Paper-based</u>: These, although often not thought of as databases, probably still make up the largest proportion of databases in the world today. There are literally billions and billions of tons of paper out there that are still meticulously organized, but haven't been anywhere near a computer.

- Legacy mainframe often VSAM (Virtual Storage Access Method) common to IBM mainframes) databases: Don't underestimate the number of legacy mainframes still out there, and their importance. Connectivity to host systems and the vast amounts of data they stil contain is one of the major opportunity areas in database and systems development today. There are still many situations where I recommend a host system solution rather than a clientserver or webbased model. It's worth noting though that I still believe in using a true RDBMS – albeit one that's located on a host system. dBase and other file-based databases: Typically, these include any of the older Indexed
- Sequential Access Method or ISAM databases. These normally use a separate file for each table, but the ISAM name comes from the physical way the data is stored and accessed more than anything else. Examples of ISAM databases that are still in widespread legacy use and even in some new developments in certain cases include dBase, FoxPro, Excel, Paradox, and Access. (Yes, Access is an ISAM with a relational feel and several relational features it is not, however, a true relational database system.) These systems had most of their heyday well before RDBMS systems. (There is something of a paradox in this since RDBMS systems appeared first.) These systems are still quite often great for small, stand-alone databases where you will never have more than a small number of users accessing the data at a time.
- RDBMS systems: Data for the masses, but with much better data integrity. These systems do more than just store and retrieve data. They can be thought of as actually caring for the integrity of the data. Whereas VSAM and ISAM databases typically store data very well, the database itself has no control over what goes in and out (OK, Access has some, but not like a true RDBMS). The programs that use the database are responsible for implementing any data integrity rules. If five programs are accessing the data, you'd better make sure that they are all programmed correctly. RDBMS systems, on the other hand, take the level of responsibility for data integrity right down to the database level. You still want your programs to know about the data integrity rules to avoid getting errors from the database, but the database now takes some of the responsibility itself and the data is much safer.
- **Object-oriented databases**: These have been around for a while now, but are only recently beginning to make a splash. They are really a completely different

way of thinking about your data and, to date, have only found fairly specialized use. Examples would be something similar to a document management system. Instead of storing the document in several tables, the document would be stored as a single object, and would have properties whose state would be maintained. ODBMS systems often provide for such object-oriented concepts as inheritance and encapsulation. RDBMS systems are clearly king these days. They are designed from the ground up with the notion that they are not going to be working with just one table that has it all, but with data that relates to data in completely different tables. They facilitate the notion of combining data in many different ways. They eliminate the repetitive storage of data and increase speed in transactional environments.

2.3. The Evolution of Relational Databases

E.F. Codd of IBM first introduced the principles behind relational database structures and a Structured English QUEry Language – or SEQUEL – back in the late 1960's (the name was later shortened to just Structured Query Language or SQL). The concept was actually pretty simple – increase data integrity and decrease costs by reducing repetitive data as well as other database problems that were common at the time. Nothing really happened in the elational world as far as a real product was concerned until the mid to late 70's, though. round that time, companies such as Oracle and Sybase became the first to create true relational database systems. It might surprise you to learn that these systems got their start in mainframe

– not client-server – computing. These systems offered a new way of looking at database architecture and, since they ran on multiple platforms, they also often offered a higher potential for sharing data across multiple systems.

In the 80's, the American National Standards Institute (ANSI) finally weighed in with a specification for SQL, and ANSI-SQL was born. This was actually a key moment in RDBMS computing because it meant that there would be better compatibility between vendors. That, in turn, meant that more of the expertise built up in one RDBMS was also usable in a competing system. This has greatly aided the process of trying to increase the number of developers in the SQL community. The ANSI specification called for several different levels of compliance. Most of the major RDBMS products available today are classified as being Entry-Level ANSI compliant (like SQL Server, for example). Entry-level ANSI

compliance means that a database meets the basic defined ANSI standards for the SQL syntax.

Microsoft SQL Server (referred to in this book as simply SQL Server) was originally born from Sybase SQL Server (referred to in this book simply as Sybase). Microsoft partnered with Sybase in 1989 to develop a version of SQL Server for, of all things, OS/2. SQL Server was migrated to Windows NT back in 1993 with version 4.2. The relationship ended with the release of version 6.0. From 6.5 forward, SQL Server has been a Microsoft-only product. The highly successful version 7.0 was essentially a complete rewrite of the product and was the first version available for Windows 9x (there was now virtually no Sybase code left in SQL Server). Finally, we reach today's version – SQL Server 2000. While there are unmistakable similarities, there are now substantial differences in implementation and feature support between version 4.21 (the oldest version you're actually likely to find installed somewhere) and version 2000. Version 6.0 added such details as cursor support. Version 6.5 added distributed transactions, replication, and ANSI compatibility. The rewrite with version 7.0 enabled the loss of problem areas such as the devices defined for data storage.

CHAPTER THREE: SDACS (SUPERMAKET DELIVERY OUTOMATION CONTROL SYSTEM)

3.1. Connection Form

This form using for connection of database while enter the server name and database name. The connection form is show in Figure 3.1.

	Connection	
DATABASE NAME		
Connect	Disconnect	Close

Figure 3.1. Connection Form

3.1.1. Create Form

Create new form (first form create outomaticly) and add one groupbox, two label, two textbox, three button, progressbar, notifyicon and contextmenu from toolbox tool.

3.1.2. Form Properties

Set the properties text, acceptbutton, cancelbutton, controlbox, showintaskbar of form from properties window as follows:

Text = Connection Acceptbuuton = button1 Cancelbutton = button2 Controlbox = false Showintaskbar = false

3.1.3. Create Modul

Add new modul into project at name of connectionmodule. And identify public variable at name of connstr. Use following code.

Public connstr As String

3.1.4. Connect Button

When the press connect button after entering the server and database name, button apply the code of connection in button click events. Control the entering data. If not enter any info, send warning massege to client. Create database connection string according to entering data. And open the database connection. If connect the server, make 1(one) 'connstr' public variable and load login form else send catch error massege.

3.1.5. Disconnect Button

'Connstr' public variable make 0(zero) when the press button in button click event. And set the any properties.

3.1.6. Close Button

Hide connection form when press this button. Use following code in button click event.

Me.Hide()

3.1.7. Notify Icon and Context Menu

Use notifyicon for doing application which working on system tray. And add context menu from toolbox tool. Add items show connection bar, sign in, exit in context menu. Set notify icon properties of context menu select as this context menu. And add following codes.

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3.2 Login Form

Using this form for login to program. When enter client id and password, if client id and password combination is true, load users interface according to client statue. Form is shown in figure 3.2.

Login
Sign In

Figure 3.2. Login Form

3.2.1. Create Form

Add new form into project. Put two label, two textbox, and one button. Set form properties text, acceptbutton, maximizebox and minimizebox. Set this properties like follow.

Text = Login Acceptbutton = button1 Maximizebox = False Minimizebox = False

3.2.2. Create Module

Add new modul into project at name of permissionmodule. And identify public variables are pid, statueid, sex, pname, surname. Using following code.

Public pid As Integer Public statueid As String Public sex As String Public pname As String Public surname As String

3.2.3. Sign In Button

Sign in buton makes compair the entering data combination (person id and password) with datas into database. If the datas are equal, load SDACS program.

This codes connect database with use created connection string at first connection. And read datas from database then compair them. If datas are equal, show the following massage in figure 3.3.



Figure 3.3 Welcom Massege

3.3 SDACS Main Form

We do all process in this form according to permissions. Read permissions from database. And when the loading form set usable section acoording to permissions. The program guide to client on home page section.

3.3.1. Home Page Section

To guide clients according to permissions. Show in figure 3.4.



Figure 3.4. Home Page Form

3.4 Client Registration And Setting Form

At this form, Record new client(record of working personel), update and delete client, search client(s), list all clients. Shortly you can do all of process about clients. This form show in figure 3.5.

	SDAES - Super	market Delivery At	otomation System			
						Sign Out
Home Page	Client Registration And Setting	Firm Regi	stration And Setting	Stok Control	And Setting	
-Personel infor	mations					Home Page
Person ID		JD Search	Starting Date	28.06.2008	•	ADD
Name		Same Search	Salary		•	DELETE
Surname			Statute		•	UPDATE
Sexual		•	Password			CLEAR
Communication						
Address			Phone			ListAll Client
			E-Mail			
1923(20)(151.5		-				

Figure 3.5. Client Registration And Setting Form

3.4.1. ID Search Button

This button search person as to entering person id. List finding personel on the personals table.

3.4.2. Name Search Button

This button search person as to entering person name. You can not have to enter entire word for searching. List finding personel on the personals table.

3.4.3. List All Client Button

Aim of button show all registered person. Codes writte in button click event. And add sqldataadapter into project. I changed name of sqldataadaptor as pda. Function of sqldataadaptor is fill read datas from database into dataset.

3.4.4. Home Page Link's codes

When click this link, go to hame page form. Codes write in linklabel click event. Code gives below.

TabControl1.SelectedIndex = 0

3.4.5. Add Button

Add buttons add new client. Added two sqlcommand into project. Aim of sqlcommand run sql language. All codes write in add button' s click event.

3.4.6. Delete Button

Delete button delete person according to person id. Add one command into project. The codes write in delete button event.

3.4.7. Update Button

This button update old datas of personel with entering new datas as to personel id. Add one sqlcommand into project for update. Codes write in update button event.

3.4.8. Clear Button

Clear datas on form.

3.5 Firm Registration And Setting Form

Save firms and doing all set of firms in this form. Show in figure 3.6.

	SDAC5 - Superma	arket Delivery Auctoma	tion System		
Home Page	Client Registration And Setting	Firm Registration A	And Setting	tok Control And Setting	
Firm Information) 				11
Firm ID		ID Search	Phone 1		<u>riome Page</u>
Firm Name		Name search	Phone 2		
Address			Fax 1		
			Fax 2		
E - Mail			Web Page		
ADD	DELETE	IPDATE	CLEAR	L	ST ALL FIRM
Firms				L	
1.15					
L		in de mineres astronicas	······································		

Figure 3.6. Firm Registration And Setting Form

3.5.1. ID Search Button

Search registered firm acording to id of firm.

3.5.2. Name Search Button

Search registered firm acording to name of firm.

3.5.3. Home Page Link's codes

When click this link, go to hame page form. Codes write in linklabel click event. Code gives below.

TabControl1.SelectedIndex = 0

3.5.4. Add Button

Add new firm into database as to datas on form. Codes write in add button click event.

3.5.5. Delete Button

Delete firm from database acording to firm id. All codes write in delete button event.

3.5.6. Update Button

Update datas of firm with entering new datas as to firm id. Codes write in update button click event.

3.5.7. Clear Button

Clear datas on form.

3.5.8. List All Firm Button

List registred firm in database at firms table.

3.6 Stock Control And Setting Form

This form manage the stock. Can add new product, update and delete product and make a campain as to date or without date in this form. show in figure 3.7.

Product Informat	ions		Campaign		Home Pa
larcode		Barcode Search	Campaign Price	1	Calculat
tem Type		Type Search	Notes		
fark		Set			
ackage	S	let	Use Date		
ackage Unit	S	iet	Starting Date	28.06.2008	
ackage Type	S	iet	Finishing Date	28.06.2008	
elling Price		Set	Make Campaign	Cancel Campaign	Update Campaign
tock Amount	S	let	Add New	Clear	
ocation	S	let	Delete	Update	List All Products



3.6.1. Barcode Search Button

When click this button, search product as to entering barcode and show the finding product into products tables. Write following code in barcode search button click event.

3.6.2. Type Search Button

Search product acording to product types and show finding product(s) into products table.

3.6.3. Set Buttons

Set buttons using update the product. Set buttons obtain set updated data of product. Mission of set buttons only make enable properties of textbox true.

3.6.4. Home Page Link

When click this link, go to hame page form. Codes write in linklabel click event.

TabControl1.SelectedIndex = 0

3.6.5. Add New Button

Mission of add new button is adding new product to database as to entering datas of form.

3.6.6. Delete Button

Delete product from database if stocks of product equal to zero.

3.6.7. Update Button

Update button make update products in database acording to entering datas on form.

3.6.8. Clear Button

Clear the datas on form.

3.6.9. List All Product Button

List all registred product in database at products table. And you can select any product from products table.

3.6.10. Make Campaign Button

This button use for doing campaing to selected product. if select a product and click campaign checkbox, the make campaign button is active. You can do two kind of campaign, first without date and second use date. Codes write in make campaign button click event.

3.6.11. Cancel Campaign Button

The aim of this button cancel to doing beforehand campaign.

3.6.12. Update Campaign Button

This button update to doing beforhand campaign according to entering new datas.

3.7 Entering Invoice Form

At this form, record buying pruduct to database as invoice. Calculate selling price of product automaticly as to beforehand selling policy by firm when you enter invoice. Increase entering product stocks acording to amount items of invoice. And write loan to firm account. This form show in figure 3.8.

Sea and a		524405	- Supermarket Deli	very Austomation System		[♥][≋ Sign
	egistration And Setting	Firm	Registration And Settir	ng	Setting Setting	
Bill no			🜙 Bill Search			Home Pa
Date	28.06.2008			Barcode		-SBarcode Search
Firm ID]	SFirm Search	Product Type		
irm Name			le general de la companya de la comp	Mark		
Person ID			****	Package Amount		
^o erson Name	2			Package Type		
Dring						
	·/		AT Cost			Remove
Billitome	·•					
bilino	ti arcode (producttype ma	ik packagea	mou packageunit packagelype	e amount tax	price (jio)
-					🗍 Discou	nt
Save	Update	Delete	Clear	Print	Total VAT	ГО
	_					

Figure 3.8. Entering Invoice Form

3.7.1. Bill Search Button

When click bill search button, load new bill search form. When close the new search form, show datas of bill on form with coming datas from loading new search form. And loading new bill search form show in figure 3.9.

-	Bill Search
⊙ Bill No ⊖ Date	28.06.2008 V 28.06.2008 V Search
Bills	
tatusBar1	

Figure 3.9. Bill Search Form

3.7.2. Bill Search Form And Search Button

Search bill in database acording to bill no and date then show find bill(s) into bills table. Bill search form of source codes are given below.

3.7.3. Firm Search Button

When click firm search button, load new firm search form. When close the new search form, show datas of firm on form with coming datas from loading new search form. And loading new firm search form show in figure 3.10.

S, Firm S	earch 🔽 🛞 🕅
Firm ID Firm Name	Search
Firms	Landard and a second

Figure 3.10. Firm Search Form

3.7.4. Firm Search Form And Search Button

Search firm in database acording to firm id or firm name then show find firm(s) into firms table.

3.7.5. Barcode Search Button

When click barcode search button, load new product search form. When close the new search form, show datas of product on form with coming datas from loading new search form. And loading new product search form show in figure 3.11.

-	Product Search	
Barcode Product Type	Search	
Products		

Figure 3.10. Product Search Form

3.7.6. Product Search Form And Search Button

Search product in database acording to barcode or product type then show find product(s) into products table.

3.7.7. Add Button

This button use for add items(product) to invoice. When click this button, increase total of invoice and vat as to price and vat of adding product.

3.7.8. Remove Button

This button use for remove items(product) to invoice. When click this button, decrease total of invoice and vat as to price and vat of removing product.

3.7.10. Save Button

Save button record invoice to database. Calculate selling price acording to firm policy. Write loan to firm account. And increase stock at products of invoice.

3.7.11. Update Button

Update entering invoice, firm account and of course product stocks. If wants, update to selling price.

3.7.12. Delete Button

Delete invoice from database. And set necessary setting about firn account, product stocks.

3.7.13. Clear Button

This button clear the form.

3.8 Cashier Selling Form

Selling the product to customer. Calculate the cost of bill. When the selling agree, save bill to database and set necessary setting of stocks. Cashier selling form shown in figure 3.11.

	SDAES - Supermark	kel: Delivery Austomation Sy	stem	[♥](ゑ)(3 Sign Ot
Firm Registration Ar	nd Setting	etting S Entering Invoid	cashier - Setting	Cashier · Whole
Barcode	J.Search	Total	D	Home Page
	× 1	VAT Total	0	
		Repayment		
	1- Alter 10 - 10 - 1	1.Cash	3.Cash And Credit Card	3 5.Add
	WILLIAM SER	2.Credit Card	4.Clear	53 6.Remove
Bill Items	an being			10-
barco de produ	otype naik packajsamou p	ackageunit packagetype am	ount tax price	moneyumit taxia

Figure 3.11. Cashier Selling Form

3.8.1. Add Button

Add selling product to bill. And increase total of bill and vat as to price and vat of adding product.

3.8.2. Remove Button

Remove selling product to bill. And decrease total of bill and vat as to price and vat of removing product.

3.8.3. Cash Button

This button use cash selling. When click the cash button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash selling form show in figure 3.12.

Cash Selling	
Bill Total	a new set and
Total Vat	10 20 10 10 10 10
	The second second
Payment	
Repayment U	
Are You Accept This	Selling?
Cancel	Accept

Figure 3.12. Cash Selling Accept Form

3.8.4. Cash Selling Accept Form

This form only an aggreement form.

3.8.5. Credit Card Button

This button use selling with credit card. When click the credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept credit card selling form show in figure 3.13.

redit Card	
Bill Total	
Total Vat	
Card Ma	[
Lard No	
Are You	Accept This Selling?
S Car	cel Accept

Figure 3.13. Credit Card Accept Form

3.8.6. Credit Card Selling Accept Form

This form only an aggreement form.

3.8.7. Cash And Credit Card Button

This button use selling with credit card and cash. When click the cash and credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash and credit card selling form show in figure 3.14.

Cash And Credit Card	
Bill Total	
Total Vat	
Reminder	
Card No	
Card Payment	
Cash Payment	
Repayment 0	
Are You Acc	ept This Selling?
Cancel	Accept

Figure 3.14. Cash And Credit Card Selling Accept Form

3.8.8. Cash And Credit Card Selling Accept Form

This form only an aggreement form.

3.8.9. Clear Button

This button clear the form.

3.9. Cashier Whole Form

Whole selling the product to customer. Calculate the cost of bill. When the selling agree, save bill to database and set necessary setting of stocks. Cashier selling form shown in figure 3.15.

50AC5 - 50	ermarket Delivery Auntomation 5ys	tem .	[♥][Ձ][Ջ Sign Ou
Firm Registration And Setting	of And Setting	Cashier - Selling	Cashier · Whole
Barcode	Total	0	Home Page
L	Discount 1	%	
Firm ID Firm Sear	ch 1.Cash	3.Cash And Credit Card	5.Add
Firm Name	2.Credit Card	4.Clear	6.Remove
Eilfitems barcode producttyp mark packs	ugea packageun packagety am	nount tax pri	ce moneyunit taxc
4			

Figure 3.15. Cashier Whole Form

3.9.1. Add Button

Add selling product to bill. And increase total of bill and vat as to price and vat of adding product.

3.9.2. Remove Button

Remove selling product to bill. And decrease total of bill and vat as to price and vat of removing product.

3.9.3. Cash Button

This button use cash selling. When click the cash button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash selling form show in figure 3.16.

Cash Selling	and the second
Bill Total	and all mon dial has
Total Vat	and a straight and a straight of
Starting and Start	
Payment	
Repayment 0	
Are You Accept	This Selling?
Cancel	Accept

Figure 3.16. Cash Selling Accept Form

3.9.4. Cash Selling Accept Form

This form only an aggreement form for whole selling

3.9.5. Credit Card Button

This button use selling with credit card. When click the credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept credit card selling form show in figure 3.17.

Iredit Card	
Bill Total	
Total Vat	
Card No	
de al-le a le al-	
Are You Accep	t This Selling?
S Cancel	Accept

Figure 3.17. Credit Card Accept Form

3.9.6. Credit Card Selling Accept Form

This form only an aggreement form for whole selling.

3.9.7. Cash And Credit Card Button

This button use selling with credit card and cash. When click the cash and credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash and credit card selling form show in figure 3.18.

ash And Credit Card Bill Total			
Total Vat			
Reminder			
Card No			
Card Payment			
Cash Payment			
Repayment	0		
Are You Ac	ccept ⁻	This S	Selling?
S Cancel		1	Accept

Figure 3.18. Cash And Credit Card Selling Accept Form

3.9.8. Cash And Credit Card Selling Accept Form

This form only an aggreement form for whole selling.

3.9.9. Clear Button

This button clear the form.

3.10. Strongbox Form

Strongbox show total money of firm as to cashier name, firm name and date. Show in figure 3.19.

SDAC5 - Superm	arket Delivery Aud	omation System		
				Sign Out
Entering Invoice Cashier - Setting	Cashier · Whole	3 Cashier - Canceling	Strongbox	Depts And F
Date 28.06.2008 - 28.06.2008 -		General Total	0	
	Find	General Vat Total	0	
Cashier Name	2 - 110	General Cash Tota	u 0	
Firm Name		General Credit Ca	rd Total ()	
			The III	
	- 0			
Cash Total Credit Card Total	0			
VAT Total	0			
1 Utal	U			
	dies			and the second se
Cash Total	n			
Credit Card Total	0		Clear	Print
Home Page Tatal	0		CIEUI	CS · ·····
l utal	U			

Figure 3.19. Strongbox Form

3.10.1. Find Button

Find total money of firm as to cashier name, firm name and date. And show.

3.10.2. Clear Button

This button clear the form.

3.11. Deps And Payment Receipt Form

Show depts and paymant as to paymentfirm and recipient firm. This form support to doing payment between firms. Show in figure 3.20.

SDAES -	Supermarket Delive	ry Austernation 5)	/stem -		
					Sign Out
Cashier · Selling Cashier · Whole	Cashier - Canc	seling Sta	rongbox	Depts And Paym	hent Program
Recipt Cashier Account		Daumant			
Payment Firm		Payment			
Payment Firm ID	\square	Payment Da	ate 05.	06.2008	•
Payment Firm Name	Firm Search	Payment An	nount		
Recipient Fim Recipient Fim ID			Balance	e	
Recipient Firm Name	Firm Search	According To Recipient Firm	05.06.2008 ListDepts	• 05.06.2008	List All Depts And Payments
Depts		Payment		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
id date firmid bil	Ino recipier	id	date	firmid bil	llno recipientfir r
Total Depts 0	Þ	[1]	Tote	il Payment 0	F
Print	С	lear I	Payment Delete	Payment Update	Pay

Figure 3.20. Receipt Form

3.11.1. According to Receipt Firm Button

Show all depts and payment and balance as to recepient firm.

3.11.2. List Depts - Payment By Date Button

Show balance, depts and payment of firm as to date.

3.11.3. List All Depts And Payments Button

Show all depts and payment and balance of firm.

3.11.4. Pay Button

Save doing payment to payment firm account.

3.11.5. Payment Update Button

Update doing payment, setting necessary correction in database.

3.11.6. Payment Delete Button And Codes

Delete payment from firm account.

3.11.7. Clear Button And Codes

Clear the form.

3.12. Depts And Payment Cashier Account

This form keep account of cashier with dates and search account of cashiers according to person id, person name, date and then show them. Also save payment of cashiers and calculate total of depts and payment, balance. The form show in figure 3.21.

SDACS - Supermarket De	Livery Austomation System.
Cashier - Selling Cashier - Whole Cashier -	Canceling Strongbox Depts And Payment Rogram
Person ID Search Person Name Date 28.06.2008 V Find	Payment General Dept Total 0 Amount Of Payment Pay Balance 0
Depts	Payment
Seliing Bill(s)	Cashier Payment(s)
	1 1 N
Total 0	
Total 0 Whole Selling Bill(s)	
Total 0 Whole Selling Bill(s)	
Total 0 Whole Selling Bill(s)	Total

Figure 3.21. Cashier Account Form

3.13. Cashier Canceling Form

This form canceling the selected selling(bill). And set necessary modification in person account and stock. Also doing search bill as to date, bill no, cashier name, firm name. Form show in figure 3.22.
		SDACS - Supermarket	Belivery Auotomation	5ystem		Sign Ou
Stok Control Ar	nd Setting		Cashier - Selling	Cashier · Whole	Cashier - C	anceling
Date	28.06.2008	▼ 28.06.2008 ▼				<u>Home Page</u>
Bill No						
Cashier Name		Sashier Search	 Selling 	Search	Clear	S Gancel Bill
Firm Name		Firm Search	O Whole Selling			
BILL(S)			-			
ITEM(S)	a line and	and and a lite			al an a	

Figure 3.22. Cashier Canceling Form

3.14. Program Settings Form

This form to enable to set of any setting of programing. When click program setting, guide you setting page first and setting page directly guide you setting. Setting page show in figure 3.23.

	SDACS - Supermarket Selivery Austama	tion System	Sign Out
Ceshier · Whole Ces Setting Page Unit Settings Setting Pr	hier - Canceling Strongbox	Depts And Payment Program Settings	Report:
UNIT SETTINGS	SELLING PRICE CALCULATOR SETTING	CLIENT PERMISSION AND SETTING	Uniterade

Figure 3.23. Setting page

3.14.1. Unit Setting Form

This form add or delete any unit. For example money unit, package unit... form show in figure 3.24.

	50AC5 - Supermarke	Delivery Austomation System		V RX
				Sign Out
Cashier - Who	ole Cashier - Canceling S	trongbox	nt Rogram Settings	
Setting Page	ettings Setting Price Calculater Settings Clier	nt Permissions And Settings Reset		
Money Unit Set	tting	-Sex Setting	<u>Go To Se</u>	tting Page
Money Unit	ADD	Sex	ADD	
	SET		DELETE	
	DELETE			
1		<u>1</u>		
Package Unit S	Setting	Package Type Setting		
Package Unit	ADD	Package Type	ADD	
	DELETE		DELETE	
Mark Setting		Location Setting		
Mark	ADD	Location	ADD [
	PELETE		DELETE	
				1

Figure 3.24. Unit Setting

3.14.2. Selling Price Calculating Setting

This form set policy of firm of how is calculate selling price. Show in figure 3.25.

selling Price	selling Price Calculater Set selling Price Buying Price	inge Litent Permissions	And Settings Heset	<u>Ga To Setting Pa</u>
Clear	1 2 3 4 5 6 7 8 9 <- 0 .	% + ()	Set Selling Price Calculator	

Figure 3.25. Selling Price Calculator Setting

3.14.3. Client Permission And Setting

This form add, delete or update statute, also set the permission of statute. Form show in figure 3.26.

SBAES - Supermarke	t Delivery Auctomation System	
Cashier · Whole Cashier · Canceling S	trongbox Depts And Payment	Program Settings
Statue Name	nt Permissions. And Settings	<u>Go To Setting Page</u>
Statue Name ADD	CASHIER SELLING	REPORTS
	CASHIER WHOLE SELLING	
STOCK CONTROL AND SETTING		-
	STRONG BOX	
DEPTS AND PAYMENTS	PROGRAM SETTINGS	

Figure 3.26. Client Permissions and Setting Form

CHAPTER FOUR: CREATE SQL TABLES AND SQL LANGUAGE OF STORED PROSEDURE

4.1. Created Tables

Create table in sql server. Created tables show in figure 4.1.



Figure 4.1. Created Sql Tables

4.2. Created SQL Stored Procedure

Create sql procedure for interrogate database tables. Write sql code in sql query analyzer.

CONCLUSION

In practice, this program which manages a supermarket's automation system. Also it makes arrangements of the super market's sale, purchasing, stocks and accounting process.

In chapters, there are informations about definition, evolution development and history of visual studio.net 2003 and sql server 2000 and also give informations about instruction of the program, how is database management system, moreover, gives and explain the codes of program.

The aims of this program are to make easy to sale and purchasing, stocking, accounting. Besides it gives datas to management departements so it contributes to develop and to manage better to the supermarket. The program provides to reach to the informations about supermarket faster.

In this program it is aimed that to decrease the missing rates in such managements. It enables the customers to make shopping faster and safely.

Appendix Visual Basic .NET

Public Class Form1

Inherits System. Windows. Forms. Form Private Sub Button1 Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles dbc Button1.Click dbc ProgressBar1.Value = 0dbc ProgressBar1.Visible = True dbc_Label1.Enabled = False dbc Label2.Enabled = False dbc TextBox1.Enabled = False dbc TextBox2.Enabled = False dbc Button1.Enabled = False dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 15 If dbc_TextBox1.Text = "" Or dbc_TextBox2.Text = "" Then dbc ProgressBar1.Value = dbc ProgressBar1.Value + 85 dbc_ProgressBar1.Visible = False MsgBox("You Have To Enter Server Name or Database Name", MessageBoxIcon.Warning) dbc Label1.Enabled = True dbc_Label2.Enabled = True dbc TextBox1.Enabled = True dbc_TextBox2.Enabled = True dbc Button1.Enabled = True Else dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 15 Dim s As String s = "Data Source=" & dbc_TextBox1.Text & ";" & "Initial Catalog=" & dbc_TextBox2.Text & ";" & "Integrated Security=True"

connstr = s

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 20

Dim c As New SqlClient.SqlConnection(s)

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25

c.Open()

If c.State = ConnectionState.Open Then

dbc ProgressBar1.Value = dbc ProgressBar1.Value + 25

dbc_ProgressBar1.Visible = False

connetrl = 1

Me.Hide()

ContextMenu1.MenuItems(1).Enabled = True

NotifyIcon1.Icon = New Icon("C:\Program

Files\SDACS\icons\enable server.ico")

Dim f2 As New Form2

f2.ShowDialog()

End If

Catch ex As SqlClient.SqlException

If ex.Number = 17 Then

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25 dbc_ProgressBar1.Visible = False

MsgBox("Invalid Server Name", MessageBoxIcon.Error)

dbc TextBox1.Text = ""

dbc TextBox1.Focus()

ElseIf ex.Number = 4060 Then

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25

dbc_ProgressBar1.Visible = False

MsgBox("Invalid Database Name", MessageBoxIcon.Error)

dbc_TextBox2.Text = ""

dbc_TextBox2.Focus()

Else

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25 dbc_ProgressBar1.Visible = False

MsgBox(ex.Message & "(" & ex.Number & ")")

End If

dbc_Label1.Enabled = True

dbc_Label2.Enabled = True

dbc_TextBox1.Enabled = True

dbc_TextBox2.Enabled = True

dbc_Button1.Enabled = True Finally c.Close() End Try End If End Sub

Private Sub NotifyIcon1_DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles NotifyIcon1.DoubleClick

Me.Show()

End Sub

Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles dbc_Button2.Click

Me.Hide() End Sub

Private Sub MenuItem1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem1.Click

Me.Close() End Sub

Private Sub dbc_Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles dbc_Button3.Click

connctrl = 0
dbc_Label1.Enabled = True
dbc_Label2.Enabled = True
dbc_TextBox1.Enabled = True
dbc_TextBox2.Enabled = True
dbc_Button1.Enabled = True
dbc_TextBox1.Text = ""
dbc_TextBox2.Text = ""
NotifyIcon1.Icon = New Icon("C:\Program

Files\SDACS\icons\desable_server.ico")

Private Sub MenuItem2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem2.Click

Me.Show()

End Sub

Private Sub MenuItem4_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem4.Click

Dim f2 As New Form2

f2.ShowDialog()

End Sub

```
Private Sub ContextMenu1_Popup(ByVal sender As Object, ByVal e As
```

System.EventArgs) Handles ContextMenu1.Popup

```
If signinctrl = 0 Or connetrl = 0 Then
```

ContextMenu1.MenuItems(1).Enabled = False

Else

ContextMenu1.MenuItems(1).Enabled = True End If End Sub

End Class

Public Class Form2

Inherits System.Windows.Forms.Form

Private Sub lgn_Button1_Click(ByVal sender As System.Object, ByVal e As

System.EventArgs) Handles lgn_Button1.Click

lgn_Label1.Enabled = False lgn_Label2.Enabled = False lgn_TextBox1.Enabled = False lgn_TextBox2.Enabled = False lgn_Button1.Enabled = False If lgn_TextBox1.Text = "" Then

MsgBox("You Have To Enter Your Person ID", MessageBoxIcon.Information) lgn Label1.Enabled = True lgn Label2.Enabled = True lgn TextBox1.Enabled = True lgn TextBox2.Enabled = True lgn Button1.Enabled = True ElseIf connctrl = 1 Then c.ConnectionString = connstr Ds2.persondat.Clear() da.Fill(Ds2.persondat) Dim dr As DataRow Dim i As Integer = 0Dim ctrl As Integer = 0For Each dr In Ds2.persondat.Rows If Not IsNumeric(lgn TextBox1.Text) Then MsgBox("Invalid Person ID", MessageBoxIcon.Error) lgn Label1.Enabled = True lgn Label2.Enabled = True lgn TextBox1.Enabled = True lgn_TextBox2.Enabled = True lgn Button1.Enabled = True Exit Sub End If If dr.Item("id") = lgn_TextBox1.Text And dr.Item("password") = Ign TextBox2.Text Then Me.Hide() signinctrl = 1pid = dr.Item("id")statue = dr.Item("statue") pname = dr.Item("name") surname = dr.Item("surname") sex = dr.Item("sex")Dim f3 As New Form3 f3.ShowDialog()

Me.Show()

signinctrl = 0

lgn_Label1.Enabled = True

lgn_Label2.Enabled = True

lgn_TextBox1.Enabled = True

lgn_TextBox2.Enabled = True

lgn_Button1.Enabled = True

lgn_TextBox1.Text = ""

lgn TextBox2.Text = ""

```
\operatorname{ctrl} = 0
```

Exit Sub

Else

ctrl = 1

End If

Next

If ctrl = 1 Then

MsgBox("Wrong Person Id or Password", MessageBoxIcon.Error)

 $lgn_Label1.Enabled = True$

lgn Label2.Enabled = True

lgn_TextBox1.Enabled = True

lgn_TextBox2.Enabled = True

lgn_Button1.Enabled = True

End If

Else

MsgBox("Connection Problem You Have To Connect To Server Before Login", MessageBoxIcon.Error)

lgn_Label1.Enabled = True lgn_Label2.Enabled = True lgn_TextBox1.Enabled = True lgn_TextBox2.Enabled = True lgn_Button1.Enabled = True Me.Close() End If End Sub Private Sub Form2_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

lgn_TextBox1.Focus()

End Sub

Private Sub Form2_Closing(ByVal sender As Object, ByVal e As System.ComponentModel.CancelEventArgs) Handles MyBase.Closing signinctrl = 1

End Sub

End Class

Public Class Form4 Inherits System. Windows. Forms. Form Dim cm As CurrencyManager Dim change As String Dim changel As String Private Sub Form4_Load(ByVal sender As System.Object, ByVal e As System. EventArgs) Handles MyBase. Load Label1.Text = sex & " " & pname & " " & surname pc.ConnectionString = connstr Dim co As New SqlClient.SqlCommand Dim da As New SqlClient.SqlDataAdapter Dim ds As New DataSet \sim co.Connection = pc co.CommandText = "select * from [permissions] where (id=" & statue & ")" da.SelectCommand = cods.Clear() da.Fill(ds, "per") Dim dr As DataRow For Each dr In ds. Tables("per"). Rows If dr.Item("cregandest") = 1 Then Button102.Visible = True TabControl1.TabPages(1).Enabled = True

```
ElseIf dr.Item("cregandest") = 0 Then
TabControl1.TabPages(1).Enabled = False
Button102.Visible = False
End If
```

```
If dr.Item("fregandset") = 1 Then
   Button105.Visible = True
  TabControl1.TabPages(2).Enabled = True
ElseIf dr.Item("fregandset") = 0 Then
   TabControl1.TabPages(2).Enabled = False
  Button105.Visible = False
End If
If dr.Item("sconandset") = 1 Then
  Button108.Visible = True
  TabControl1.TabPages(3).Enabled = True
ElseIf dr.Item("sconandset") = 0 Then
  TabControl1.TabPages(3).Enabled = False
  Button108.Visible = False
End If
If dr.Item("entinvoice") = 1 Then
  Button111.Visible = True
  TabControl1.TabPages(4).Enabled = True
ElseIf dr.Item("entinvoice") = 0 Then
  TabControl1.TabPages(4).Enabled = False
  Button111.Visible = False
End If
If dr.Item("casselling") = 1 Then
  Button103.Visible = True
  TabControl1.TabPages(5).Enabled = True
ElseIf dr.Item("casselling") = 0 Then
  TabControl1.TabPages(5).Enabled = False
  Button103.Visible = False
End If
If dr.Item("caswselling") = 1 Then
```

```
Button106.Visible = True
  TabControl1.TabPages(6).Enabled = True
ElseIf dr.Item("caswselling") = 0 Then
  TabControl1.TabPages(6).Enabled = False
  Button106.Visible = False
End If
If dr.Item("cascanceling") = 1 Then
  Button109.Visible = True
  TabControl1.TabPages(7).Enabled = True
ElseIf dr.Item("cascanceling") = 0 Then
  TabControl1.TabPages(7).Enabled = False
  Button109.Visible = False
End If
If dr.Item("strongbox") = 1 Then
  Button114.Visible = True
  TabControl1.TabPages(8).Enabled = True
ElseIf dr.Item("strongbox") = 0 Then
  TabControl1.TabPages(8).Enabled = False
  Button114.Visible = False
End If
If dr.Item("deptandpayment") = 1 Then
  Button104.Visible = True
  TabControl1.TabPages(9).Enabled = True
ElseIf dr.Item("deptandpayment") = 0 Then
  TabControl1.TabPages(9).Enabled = False
  Button104.Visible = False
End If
If dr.Item("progset") = 1 Then
  Button 107. Visible = True
  TabControl1.TabPages(10).Enabled = True
ElseIf dr.Item("progset") = 0 Then
  TabControl1.TabPages(10).Enabled = False
  Button 107. Visible = False
End If
```

If dr.Item("reports") = 1 Then Button110.Visible = True TabControl1.TabPages(11).Enabled = True ElseIf dr.Item("reports") = 0 Then TabControl1.TabPages(11).Enabled = False Button110.Visible = False End If Next

End Sub

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
```

If connectrl = 1 Then

If TextBox1.Text = "" Then

MsgBox("Please enter id number", MessageBoxIcon.Error)

Else

If IsNumeric(TextBox1.Text) Then

Dim dset As New DataSet

Dim da As New SqlClient.SqlDataAdapter

pc.ConnectionString = connstr

idsrc.Parameters("@xx").Value = TextBox1.Text

da.SelectCommand = idsrc

da.Fill(dset, "f")

DataView1.Table = dset.Tables("f")

Else

MsgBox("invalid ID", MessageBoxIcon.Error)

End If

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

```
Private Sub Button6_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button6.Click
```

If connctrl = 1 Then

Dim dset As New DataSet

Dim da As New SqlClient.SqlDataAdapter

pc.ConnectionString = connstr

nmsrc.Parameters("@xx").Value = TextBox2.Text & "%"

da.SelectCommand = nmsrc

da.Fill(dset, "f")

DataView1.Table = dset.Tables("f")

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub DataGrid1_DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid1.DoubleClick

cm = CType(Me.BindingContext(DataView1), CurrencyManager) TextBox1.Text = DataGrid1.Item(cm.Position, 0) TextBox2.Text = DataGrid1.Item(cm.Position, 1) TextBox3.Text = DataGrid1.Item(cm.Position, 2) ComboBox1.Text = DataGrid1.Item(cm.Position, 3) TextBox6.Text = DataGrid1.Item(cm.Position, 4) TextBox7.Text = DataGrid1.Item(cm.Position, 5) TextBox8.Text = DataGrid1.Item(cm.Position, 6) TextBox5.Text = DataGrid1.Item(cm.Position, 7) TextBox4.Text = DataGrid1.Item(cm.Position, 8) ComboBox3.Text = DataGrid1.Item(cm.Position, 9) DateTimePicker1.Text = DataGrid1.Item(cm.Position, 10) ComboBox2.Text = DataGrid1.Item(cm.Position, 11)

Private Sub TabControl1_SelectedIndexChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles TabControl1.SelectedIndexChanged

If TabControl1.SelectedTab.Name = "TabPage1" Then Me.AcceptButton = Button2 pc.ConnectionString = connstr Pds1.persondat.Clear() pda.Fill(Pds1.persondat)

Dim ss As New DataSet ComboBox1.Items.Clear() sexda.Fill(ss, "a") Dim dr As DataRow For Each dr In ss.Tables("a").Rows ComboBox1.Items.Add(dr.Item("sex")) Next Dim st As New DataSet Dim stda As New SqlClient.SqlDataAdapter Dim stco As New SqlClient.SqlCommand stco.Connection = pcstco.CommandText = "select statute from [permissions]" stda.SelectCommand = stco ComboBox2.Items.Clear() stda.Fill(st, "s") Dim drst As DataRow For Each drst In st.Tables("s").Rows ComboBox2.Items.Add(drst.Item("statute"))

Next

Dim u As New DataSet Dim uda As New SqlClient.SqlDataAdapter Dim uco As New SqlClient.SqlCommand uco.Connection = pc

```
uco.CommandText = "select unit from moneyunit"
uda.SelectCommand = uco
ComboBox3.Items.Clear()
uda.Fill(u, "s")
Dim dru As DataRow
For Each dru In u.Tables("s").Rows
ComboBox3.Items.Add(dru.Item("unit"))
Next
End If
If TabControl1.SelectedIndex = 3 Then
Me.AcceptButton = Button9
End If
End Sub
```

```
Private Sub LinkLabel1_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel1.LinkClicked
TabControl1.SelectedIndex = 0
```

```
Private Sub Button5_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button5.Click
```

```
If connctrl = 1 Then
TextBox1.Text = ""
TextBox2.Text = ""
TextBox3.Text = ""
TextBox4.Text = ""
TextBox5.Text = ""
TextBox6.Text = ""
TextBox7.Text = ""
ComboBox3.Text = ""
ComboBox1.Text = ""
```

DateTimePicker1.Text = "" Pds1.persondat.Clear() DataView1.Table = Pds1.persondat

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button4 Click(ByVal sender As System.Object, ByVal e As System. EventArgs) Handles Button4. Click If connctrl = 1 Then If TextBox1.Text = "" Or Not IsNumeric(TextBox1.Text) Then MsgBox("Invalid ID Number", MsgBoxStyle.Information) Else pc.ConnectionString = connstr Dim st As New DataSet Dim statueid As Integer pc.Open() findstid.Parameters("@statue").Value = ComboBox2.Text statueid = findstid.ExecuteScalar pc.Close() persnupt.Parameters("@id").Value = TextBox1.Text persnupt.Parameters("@name").Value = TextBox2.Text persnupt.Parameters("@surname").Value = TextBox3.Text persnupt.Parameters("@sex").Value = ComboBox1.Text persnupt.Parameters("@address").Value = TextBox6.Text persnupt.Parameters("@phone").Value = TextBox7.Text persnupt.Parameters("@email").Value = TextBox8.Text persnupt.Parameters("@password").Value = TextBox5.Text persnupt.Parameters("@salery").Value = TextBox4.Text persnupt.Parameters("@moneyunit").Value = ComboBox3.Text persnupt.Parameters("@startingdate").Value = DateTimePicker1.Text persnupt.Parameters("@statue").Value = statueid

Try

Dim i As Integer

i = MsgBox("Do You Want to Save Changes Realy", MsgBoxStyle.YesNo, "UPDATE")

If i = 6 Then

pc.Open()

persnupt.ExecuteNonQuery()

MsgBox("Updated Successful", MsgBoxStyle.Information)

End If

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

pc.ConnectionString = connstr

```
Pds1.persondat.Clear()
```

pda.Fill(Pds1.persondat)

DataView1.Table = Pds1.persondat

End Try

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click

If connctrl = 1 Then

dltpersn.Parameters("@id").Value = TextBox1.Text

Try

Dim i As Integer

i = MsgBox("Do You Want to Delete Person Realy", MsgBoxStyle.YesNo, "DELETE")

If i = 6 Then

pc.ConnectionString = connstr

pc.Open()

dltpersn.ExecuteNonQuery()

MsgBox("Person Deleted", MsgBoxStyle.Information)

End If

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

pc.ConnectionString = connstr

Pds1.persondat.Clear()

pda.Fill(Pds1.persondat)

DataView1.Table = Pds1.persondat

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

```
Me.Close()
End If
End Sub
```

```
Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
```

If connctrl = 1 Then pc.ConnectionString = connstr Dim st As New DataSet Dim statueid As Integer pc.Open() findstid.Parameters("@statue").Value = ComboBox2.Text statueid = findstid.ExecuteScalar pc.Close() saveperson.Parameters("@id").Value = TextBox1.Text

If TextBox2.Text = "" Then

MsgBox("Enter A Name", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@name").Value = TextBox2.Text
End If

If TextBox3.Text = "" Then

MsgBox("Enter A Surname", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@surname").Value = TextBox3.Text End If

If ComboBox1.Text = "" Then

MsgBox("Select A Sex", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@sex").Value = ComboBox1.Text

End If

If TextBox6.Text = "" Then

MsgBox("Enter An Address", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@address").Value = TextBox6.Text
End If

If TextBox7.Text = "" Then

saveperson.Parameters("@phone").Value = "-"

Else

saveperson.Parameters("@phone").Value = TextBox7.Text
End If

If TextBox8.Text = "" Then

saveperson.Parameters("@email").Value = "-"

Else

saveperson.Parameters("@email").Value = TextBox8.Text

End If

If TextBox5.Text = "" Then

MsgBox("Enter A Password", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@password").Value = TextBox5.Text
End If

If TextBox4.Text = "" Then

saveperson.Parameters("@salery").Value = DBNull.Value Else

saveperson.Parameters("@salery").Value = TextBox4.Text

End If

If ComboBox3.Text = "" Then

MsgBox("Select a Moneyunit", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@moneyunit").Value = ComboBox3.Text
End If

```
saveperson.Parameters("@startingdate").Value = DateTimePicker1.Value
If ComboBox2.Text = "" Then
```

MsgBox("Select A Statute", MsgBoxStyle.Information)

Exit Sub

Else

saveperson.Parameters("@statue").Value = statueid

End If

Try

Dim i As Integer

i = MsgBox("Do You Want to Save Person Realy", MsgBoxStyle.YesNo, "SAVE")

If i = 6 Then

pc.ConnectionString = connstr

pc.Open()

saveperson.ExecuteNonQuery()

MsgBox("Saved Personel Successfully", MsgBoxStyle.Information)

End If

Catch ex As SqlClient.SqlException

If ex.Number = 2627 Then

MsgBox(TextBox1.Text & "Person ID Already Exist Please Change

Person ID and Try Again", MessageBoxIcon.Error)

Else

MsgBox(ex.Message & " (" & ex.Number & ")")

End If

Finally

pc.Close()

pc.ConnectionString = connstr

Pds1.persondat.Clear()

pda.Fill(Pds1.persondat)

DataView1.Table = Pds1.persondat

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub TextBox2_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox2.TextChanged

Me.AcceptButton = Button6

End Sub

Private Sub TextBox1_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox1.TextChanged

Me.AcceptButton = Button1

End Sub

Private Sub CheckBox2_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CheckBox2.CheckedChanged If CheckBox2.Checked = True Then Label37.Enabled = True Label38.Enabled = True DateTimePicker2.Enabled = True DateTimePicker3.Enabled = True End If If CheckBox2.Checked = False Then Label37.Enabled = False Label38.Enabled = False DateTimePicker2.Enabled = False DateTimePicker3.Enabled = False End If

Private Sub TextBox11_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs)

Me.AcceptButton = Button9

If change = ComboBox16.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

End Sub

```
Private Sub LinkLabel2_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel2.LinkClicked
ComboBox16.Enabled = True
change = ComboBox16.Text
End Sub
```

Private Sub LinkLabel3_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles LinkLabel3.LinkClicked

```
TextBox12.Enabled = True
change = TextBox12.Text
End Sub
```

```
Private Sub LinkLabel4_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel4.LinkClicked
```

```
ComboBox4.Enabled = True
change = ComboBox4.Text
End Sub
```

```
Private Sub LinkLabel5_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
```

LinkLabel5.LinkClicked

ComboBox5.Enabled = True

```
change = ComboBox5.Text
```

End Sub

```
Private Sub LinkLabel6_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
```

LinkLabel6.LinkClicked

```
TextBox14.Enabled = True
change = TextBox14.Text
spcctrl = 1
End Sub
```

Private Sub LinkLabel7_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles

LinkLabel7.LinkClicked

TextBox13.Enabled = True ComboBox6.Enabled = True change = TextBox13.Text change1 = ComboBox6.Text spcctrl = 1

Private Sub LinkLabel8_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles

LinkLabel8.LinkClicked

TextBox15.Enabled = True change = TextBox15.Text End Sub

```
Private Sub LinkLabel9_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel9.LinkClicked
ComboBox8.Enabled = True
```

```
change = ComboBox8.Text
End Sub
```

```
Private Sub TextBox12_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox12.TextChanged
```

```
If change = TextBox12.Text Then
Button10.Enabled = False
Else
Button10.Enabled = True
End If
End Sub
```

```
Private Sub ComboBox4_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ComboBox4.SelectedIndexChanged
If change = ComboBox4.Text Then
Button10.Enabled = False
Else
Button10.Enabled = True
End If
End Sub
```

```
Private Sub ComboBox5_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ComboBox5.SelectedIndexChanged
If change = ComboBox5.Text Then
Button10.Enabled = False
Else
Button10.Enabled = True
End If
End Sub
```

Private Sub TextBox14_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox14.TextChanged

If change = TextBox14.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

If TextBox13.Text = "" Or TextBox14.Text = "" Or Not

IsNumeric(TextBox13.Text) Or Not IsNumeric(TextBox14.Text) Or spectrl = 0 Then

```
Exit Sub
End If
Dim price As Double
Dim vad As Double
Dim vadcost As Double
price = TextBox13.Text
vad = TextBox14.Text
vad = (vad / 100) + 1
vadcost = price - (price / vad)
Label61.Text = Math.Round(vadcost, 2)
End Sub
```

Private Sub TextBox13_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox13.TextChanged If change = TextBox13.Text Then Button10.Enabled = False Else

Button10.Enabled = True

End If

```
If TextBox13.Text = "" Or TextBox14.Text = "" Or Not
```

IsNumeric(TextBox14.Text) Or Not IsNumeric(TextBox13.Text) Or spectrl = 0 Then

Exit Sub End If Dim price As Double Dim vad As Double Dim vadcost As Double price = TextBox13.Text vad = TextBox14.Text vad = (vad / 100) + 1 vadcost = price - (price / vad) Label61.Text = Math.Round(vadcost, 2) End Sub

Private Sub ComboBox6_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ComboBox6.SelectedIndexChanged

If change1 = ComboBox6.Text Then Button10.Enabled = False Else Button10.Enabled = True End If End Sub

Private Sub TextBox15_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox15.TextChanged

If change = TextBox15.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

End Sub

Private Sub ComboBox8_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ComboBox8.SelectedIndexChanged

If change = ComboBox8.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

End Sub

```
Private Sub CheckBox1_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CheckBox1.CheckedChanged
```

If CheckBox1.Checked = True Then

GroupBox5.Enabled = True

Else

```
GroupBox5.Enabled = False
TextBox23.Text = ""
ComboBox13.Text = ""
TextBox24.Text = ""
DateTimePicker2.Text = ""
DateTimePicker3.Text = ""
CheckBox2.Checked = False
End If
End Sub
```

```
Private Sub Button9_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button9.Click
If connctrl = 1 Then
If DateTimePicker3.Value < DateTimePicker2.Value Then
MsgBox("Campaign Starting date Not Greater Then Campaign Finishing
date", MessageBoxIcon.Error)
Exit Sub
End If
If TextBox9.Text = "" Or Not IsNumeric(TextBox9.Text) Then
```

NEAR EAST UNIVERSITY

Faculty of Engineering

Department of Computer Engineering

SUPERMARKET DELIVERY AUTOMATION SYSTEM

Graduation Project COM – 400

Student:

Eren Erdoğan

Supervisor:

Ümit Soyer

Nicosia - 2008

ACKNOWLEDGEMENTS

First, I would like to thank my supervisor Ümit Soyer for his invaluable advice and belief in my work and my self over the course of the graduation Project.

Second, I like to express my gratitude to Near East University for scholarship that made the work possible.

Third, 1 thank my family for their constant encouragment and support during the preparation of this project.

Finnally, I would also like to thank all my friends for their advice and support.

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ABSTRACT

The aim of this Project is to record the stocks of products, makes sale and purchase, record accounts of firms, makes accounting, briefly this project manages the supermarket automation. The program was prepared by using microsoft visual basic.Net in microsoft visual studio.NET 2003 programming and using SQL server 2000 as database.

This project consist of many different pages but most of them depended each other Initially, connection to database form comes to screen. Afterwards the sign in form and then main form of Properties Company comes to screen. Home page in main menu guides you to see the other menus.

This program is practical and useful in the supermarkets. It can be modified with the new developments and requirements of people in the technology in future. The program must be clear and easy to learn for users, hence it can be acceptable widely.

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LIST OF ABBREVIATIONS

VB.NET	Visual Basic.NET
SQL	Structured Query Language
OOP	Object Oriented Programing
SDACS	Spermarket Delivery automatin system
GUI	Graphical User Interface
API	Application Programing Interface
VSAM	Virtual Storage Access Method
ANSI	American National Standart Institute

INTRODUCTION

Visual Basic.NET is a Microsoft-created object-oriented programming language which incorporates features of Microsoft's .NET Framework and Web Services, such as SOAP, which were originally developed using XML.

Visual Basic.NET uses punctuation in its basic syntax to make the program easily readable and to help the compiler sort the code. The main reason for this is so that any programmer can read your code and easily understand what you are doing, because they write their code like you write yours.

The project consist of the introduction, abstract, four chapters ,conclusion.

- Chapter one describes Basic Concept of Visual Basic.NET
- Chapter two describes the SQL server 2000.
- Chapter three explain Supermarket Delivery Automation Control System by Using Visual Basic.NET.

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• Cheapter four explain sql tables and stored procedure.

CHAPTER ONE: MICROSOFT VUSUAL BASIC.NET IN MICROSOFT VISUAL STUDIO.NET 2003

1.1. Description Of Visual Basic.NET

VB .NET is a version of Microsoft's Visual Basic that was designed, as part of the company's .NET product group, to make Web services applications easier to develop. According to Microsoft, VB .NET was reengineered, rather than released as VB 6.0 with added features, to facilitate making fundamental changes to the language. VB.NET is the first fully object-oriented programming (OOP) version of Visual Basic, and as such, supports OOP concepts such as abstraction, inheritance, polymorphism, and aggregation.

Visual Basic.NET is a Microsoft-created object-oriented programming language which incorporates features of Microsoft's .NET Framework and Web Services, such as SOAP, which were originally developed using XML.

Visual Basic.NET, which thought would be a "sequel" to Visual Basic 6.0, has a totally different language core. There is no backward nor forward compatibility between Visual Basic 6.0 projects and code and Visual Basic.NET projects and code. Visual Basic.NET is a language designed to create .NET applications, Windows or Web applications, and Web Services. (Except for short Windows applications, these are topics beyond a first semester programming class.)

1.1.1. Object-Oriented Programming(OOP)

The developers of the language incorporated object-oriented programming (OOP) features such as inheritance, method overloading, organized exception handling, and free threading to make Visual Basic a powerful object-oriented programming language. (Prior versions were extensible from the very beginning.) The newer objectoriented programming (OOP) features of Visual Basic.NET are not usually covered in a first semester programming class.

1.1.2. Graphical User Interface(GUI)

With Visual Basic.NET a student can drag objects from the Toolbox into the Work area, specify the Properties and behavior of each object and thereby create business applications while learning the programming principles taught during most short Introduction to Visual Basic.NET programming courses.The student will not have to deal with trying to program the user interface using code.

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1.1.3. Windows API

There is abstraction of the hardware, meaning that a programmer of Visual Basic.NET does not have to know about the inner workings of the hardware because Windows handles the functionality of the hardware, provides generic routines (Windows API, or Application Programming Interface) to communicate with hardware drivers provided by hardware manufacturers.

1.2. History of Visual Basic

- Before Visual Basic: C and C++ were used to create Windows applications and this was a complicated process.
- 1991 Microsoft released Visual Basic 1.0; Programmers could "draw" upon their own User Interface. Business problems could be solved with the quickly created application. Code was written by the programmer to react to user events (how a user responded to objects on the User Interface).
- Nov 1992 Visual Basic 2: Included a Professional Edition, MDI Forms, ODBC, and object variables.
- June 1993 Visual Basic 3: Enabled the building of database applications with Data Access Objects (DAO); OLE Automation and the Jet (Access Engine).
- Oct 1996 Visual Basic 4: Introduced classes, OXC's, and allowed programmers to create their own add-ins.
- April 1997 Visual Basic 5: Programmers could target features of Windows 95.
 Added a compiler and the ability for a programmer to create ActiveX Controls.
- Oct 1998 Visual Basic 6: Introduced ActiveX Data Objects (ADO) to manipulate data, create data sources. This was to help programmers use Active Server Pages to access database objects. (VB6 was included with Visual Studio 6.0)
- Feb 2002 Visual Basic.NET 2003 (and Visual Studio 2003)

CHAPTER TWO: SQL SERVER 2000

2.1. Description of SQL server 2000

SQL Server 2000 comes with far more than just the usual RDBMS – it has additional components that would, for many products, be sold entirely separately or with add-on pricing. Instead, Microsoft has seen fit to toss in these extras at no additional charge.

2.2. A Brief History of Databases

SQL Server is an **RDBMS** – or **Relational Database Management System**. RDBMS systems are at the pinnacle of their popularity at the moment. Using an RDBMS as the basis for data storage is plainly "the way it's done" for most applications nowadays – but it wasn't always this way.

2.2.1. Types of Databases

Databases are not just limited to the computer-based systems that we typically think about when we hear the term – they are much, much more. A database is really any collection of organized data. Even Webster's dictionary puts a qualifier on any computer notion:

Database: A usually large collection of data organized especially for rapid search and retrieval (as by a computer).

The file drawers in your office are really something of a database (that is, if they are better organized than mine at home). In fact, databases have existed throughout most of the history of the "civilized" world, going back to the days of the early philosophers and academics (Socrates, Aristotle, Hippocrates, etc.).

That being said, there's a reason why databases are so closely associated with computers. It's because, for most database situations (virtually, but not quite, all of them), computers are simply the fastest and most efficient way to store data. Indeed, the term database is thought to have originated from the

computing community in 1962 or so.

Databases, then, fall into a number of common categories:

• <u>Paper-based</u>: These, although often not thought of as databases, probably still make up the largest proportion of databases in the world today. There are literally billions and billions of tons of paper out there that are still meticulously organized, but haven't been anywhere near a computer.

- Legacy mainframe often VSAM (Virtual Storage Access Method) common to IBM mainframes) databases: Don't underestimate the number of legacy mainframes still out there, and their importance. Connectivity to host systems and the vast amounts of data they stil contain is one of the major opportunity areas in database and systems development today. There are still many situations where I recommend a host system solution rather than a clientserver or webbased model. It's worth noting though that I still believe in using a true RDBMS albeit one that's located on a host system. dBase and other file-based databases: Typically, these include any of the older Indexed
- Sequential Access Method or ISAM databases. These normally use a separate file for each table, but the ISAM name comes from the physical way the data is stored and accessed more than anything else. Examples of ISAM databases that are still in widespread legacy use and even in some new developments in certain cases include dBase, FoxPro, Excel, Paradox, and Access. (Yes, Access is an ISAM with a relational feel and several relational features it is not, however, a true relational database system.) These systems had most of their heyday well before RDBMS systems. (There is something of a paradox in this since RDBMS systems appeared first.) These systems are still quite often great for small, stand-alone databases where you will never have more than a small number of users accessing the data at a time.
- RDBMS systems: Data for the masses, but with much better data integrity. These systems do more than just store and retrieve data. They can be thought of as actually caring for the integrity of the data. Whereas VSAM and ISAM databases typically store data very well, the database itself has no control over what goes in and out (OK, Access has some, but not like a true RDBMS). The programs that use the database are responsible for implementing any data integrity rules. If five programs are accessing the data, you'd better make sure that they are all programmed correctly. RDBMS systems, on the other hand, take the level of responsibility for data integrity right down to the database level. You still want your programs to know about the data integrity rules to avoid getting errors from the database, but the database now takes some of the responsibility itself and the data is much safer.
- **Object-oriented databases**: These have been around for a while now, but are only recently beginning to make a splash. They are really a completely different

way of thinking about your data and, to date, have only found fairly specialized use. Examples would be something similar to a document management system. Instead of storing the document in several tables, the document would be stored as a single object, and would have properties whose state would be maintained. ODBMS systems often provide for such object-oriented concepts as inheritance and encapsulation. RDBMS systems are clearly king these days. They are designed from the ground up with the notion that they are not going to be working with just one table that has it all, but with data that relates to data in completely different tables. They facilitate the notion of combining data in many different ways. They eliminate the repetitive storage of data and increase speed in transactional environments.

2.3. The Evolution of Relational Databases

E.F. Codd of IBM first introduced the principles behind relational database structures and a Structured English QUEry Language – or SEQUEL – back in the late 1960's (the name was later shortened to just Structured Query Language or SQL). The concept was actually pretty simple – increase data integrity and decrease costs by reducing repetitive data as well as other database problems that were common at the time. Nothing really happened in the elational world as far as a real product was concerned until the mid to late 70's, though. round that time, companies such as Oracle and Sybase became the first to create true relational database systems. It might surprise you to learn that these systems got their start in mainframe

– not client-server – computing. These systems offered a new way of looking at database architecture and, since they ran on multiple platforms, they also often offered a higher potential for sharing data across multiple systems.

In the 80's, the American National Standards Institute (ANSI) finally weighed in with a specification for SQL, and ANSI-SQL was born. This was actually a key moment in RDBMS computing because it meant that there would be better compatibility between vendors. That, in turn, meant that more of the expertise built up in one RDBMS was also usable in a competing system. This has greatly aided the process of trying to increase the number of developers in the SQL community. The ANSI specification called for several different levels of compliance. Most of the major RDBMS products available today are classified as being Entry-Level ANSI compliant (like SQL Server, for example). Entry-level ANSI

compliance means that a database meets the basic defined ANSI standards for the SQL syntax.

Microsoft SQL Server (referred to in this book as simply SQL Server) was originally born from Sybase SQL Server (referred to in this book simply as Sybase). Microsoft partnered with Sybase in 1989 to develop a version of SQL Server for, of all things, OS/2. SQL Server was migrated to Windows NT back in 1993 with version 4.2. The relationship ended with the release of version 6.0. From 6.5 forward, SQL Server has been a Microsoft-only product. The highly successful version 7.0 was essentially a complete rewrite of the product and was the first version available for Windows 9x (there was now virtually no Sybase code left in SQL Server). Finally, we reach today's version – SQL Server 2000. While there are unmistakable similarities, there are now substantial differences in implementation and feature support between version 4.21 (the oldest version you're actually likely to find installed somewhere) and version 2000. Version 6.0 added such details as cursor support. Version 6.5 added distributed transactions, replication, and ANSI compatibility. The rewrite with version 7.0 enabled the loss of problem areas such as the devices defined for data storage.

CHAPTER THREE: SDACS (SUPERMAKET DELIVERY OUTOMATION CONTROL SYSTEM)

3.1. Connection Form

This form using for connection of database while enter the server name and database name. The connection form is show in Figure 3.1.

	Connection	
DATABASE NAME		
Connect	Disconnect	Close

Figure 3.1. Connection Form

3.1.1. Create Form

Create new form (first form create outomaticly) and add one groupbox, two label, two textbox, three button, progressbar, notifyicon and contextmenu from toolbox tool.

3.1.2. Form Properties

Set the properties text, acceptbutton, cancelbutton, controlbox, showintaskbar of form from properties window as follows:

Text = Connection Acceptbuuton = button1 Cancelbutton = button2 Controlbox = false Showintaskbar = false

3.1.3. Create Modul

Add new modul into project at name of connectionmodule. And identify public variable at name of connstr. Use following code.

Public connstr As String

3.1.4. Connect Button

When the press connect button after entering the server and database name, button apply the code of connection in button click events. Control the entering data. If not enter any info, send warning massege to client. Create database connection string according to entering data. And open the database connection. If connect the server, make 1(one) 'connstr' public variable and load login form else send catch error massege.

3.1.5. Disconnect Button

'Connstr' public variable make 0(zero) when the press button in button click event. And set the any properties.

3.1.6. Close Button

Hide connection form when press this button. Use following code in button click event.

Me.Hide()

3.1.7. Notify Icon and Context Menu

Use notifyicon for doing application which working on system tray. And add context menu from toolbox tool. Add items show connection bar, sign in, exit in context menu. Set notify icon properties of context menu select as this context menu. And add following codes.

9

3.2 Login Form

Using this form for login to program. When enter client id and password, if client id and password combination is true, load users interface according to client statue. Form is shown in figure 3.2.

Login
Sign In

Figure 3.2. Login Form

3.2.1. Create Form

Add new form into project. Put two label, two textbox, and one button. Set form properties text, acceptbutton, maximizebox and minimizebox. Set this properties like follow.

Text = Login Acceptbutton = button1 Maximizebox = False Minimizebox = False

3.2.2. Create Module

Add new modul into project at name of permissionmodule. And identify public variables are pid, statueid, sex, pname, surname. Using following code.

Public pid As Integer Public statueid As String Public sex As String Public pname As String Public surname As String

3.2.3. Sign In Button

Sign in buton makes compair the entering data combination (person id and password) with datas into database. If the datas are equal, load SDACS program.

This codes connect database with use created connection string at first connection. And read datas from database then compair them. If datas are equal, show the following massage in figure 3.3.



Figure 3.3 Welcom Massege

3.3 SDACS Main Form

We do all process in this form according to permissions. Read permissions from database. And when the loading form set usable section acoording to permissions. The program guide to client on home page section.

3.3.1. Home Page Section

To guide clients according to permissions. Show in figure 3.4.



Figure 3.4. Home Page Form

3.4 Client Registration And Setting Form

At this form, Record new client(record of working personel), update and delete client, search client(s), list all clients. Shortly you can do all of process about clients. This form show in figure 3.5.

	SDAES - Super	market Delivery At	otomation System			
						Sign Out
Home Page	Client Registration And Setting	Firm Regi	stration And Setting	Stok Control	And Setting	
-Personel infor	mations					Home Page
Person ID		JD Search	Starting Date	28.06.2008	•	ADD
Name		Same Search	Salary		•	DELETE
Surname			Statute		•	UPDATE
Sexual		•	Password			CLEAR
Communication						
Address			Phone			ListAll Client
			E-Mail			
1923(20)(151.5		-				

Figure 3.5. Client Registration And Setting Form

3.4.1. ID Search Button

This button search person as to entering person id. List finding personel on the personals table.

3.4.2. Name Search Button

This button search person as to entering person name. You can not have to enter entire word for searching. List finding personel on the personals table.

3.4.3. List All Client Button

Aim of button show all registered person. Codes writte in button click event. And add sqldataadapter into project. I changed name of sqldataadaptor as pda. Function of sqldataadaptor is fill read datas from database into dataset.

3.4.4. Home Page Link's codes

When click this link, go to hame page form. Codes write in linklabel click event. Code gives below.

TabControl1.SelectedIndex = 0

3.4.5. Add Button

Add buttons add new client. Added two sqlcommand into project. Aim of sqlcommand run sql language. All codes write in add button' s click event.

3.4.6. Delete Button

Delete button delete person according to person id. Add one command into project. The codes write in delete button event.

3.4.7. Update Button

This button update old datas of personel with entering new datas as to personel id. Add one sqlcommand into project for update. Codes write in update button event.

3.4.8. Clear Button

Clear datas on form.

3.5 Firm Registration And Setting Form

Save firms and doing all set of firms in this form. Show in figure 3.6.

	SDAC5 - Superma	arket Delivery Auctoma	tion System		
Home Page	Client Registration And Setting	Firm Registration A	And Setting	tok Control And Setting	
Firm Information) 				11
Firm ID		ID Search	Phone 1		<u>riome Page</u>
Firm Name		Name search	Phone 2		
Address			Fax 1		
			Fax 2		
E - Mail			Web Page		
ADD	DELETE	IPDATE	CLEAR	L	ST ALL FIRM
Firms				L	
1.15					
L		in de mineres a bis mineri de as	······································		

Figure 3.6. Firm Registration And Setting Form

3.5.1. ID Search Button

Search registered firm acording to id of firm.

3.5.2. Name Search Button

Search registered firm acording to name of firm.

3.5.3. Home Page Link's codes

When click this link, go to hame page form. Codes write in linklabel click event. Code gives below.

TabControl1.SelectedIndex = 0

3.5.4. Add Button

Add new firm into database as to datas on form. Codes write in add button click event.

3.5.5. Delete Button

Delete firm from database acording to firm id. All codes write in delete button event.

3.5.6. Update Button

Update datas of firm with entering new datas as to firm id. Codes write in update button click event.

3.5.7. Clear Button

Clear datas on form.

3.5.8. List All Firm Button

List registred firm in database at firms table.

3.6 Stock Control And Setting Form

This form manage the stock. Can add new product, update and delete product and make a campain as to date or without date in this form. show in figure 3.7.

Product Informat	ions		Campaign		Home Pa
larcode		Barcode Search	Campaign Price	1	Calculat
tem Type		Type Search	Notes		
fark		Set			
ackage	S	let	Use Date		
ackage Unit	S	iet	Starting Date	28.06.2008	
ackage Type	S	iet	Finishing Date	28.06.2008	
elling Price		Set	Make Campaign	Cancel Campaign	Update Campaign
tock Amount	S	let	Add New	Clear	
ocation	S	let	Delete	Update	List All Products



3.6.1. Barcode Search Button

When click this button, search product as to entering barcode and show the finding product into products tables. Write following code in barcode search button click event.

3.6.2. Type Search Button

Search product acording to product types and show finding product(s) into products table.

3.6.3. Set Buttons

Set buttons using update the product. Set buttons obtain set updated data of product. Mission of set buttons only make enable properties of textbox true.

3.6.4. Home Page Link

When click this link, go to hame page form. Codes write in linklabel click event.

TabControl1.SelectedIndex = 0

3.6.5. Add New Button

Mission of add new button is adding new product to database as to entering datas of form.

3.6.6. Delete Button

Delete product from database if stocks of product equal to zero.

3.6.7. Update Button

Update button make update products in database acording to entering datas on form.

3.6.8. Clear Button

Clear the datas on form.

3.6.9. List All Product Button

List all registred product in database at products table. And you can select any product from products table.

3.6.10. Make Campaign Button

This button use for doing campaing to selected product. if select a product and click campaign checkbox, the make campaign button is active. You can do two kind of campaign, first without date and second use date. Codes write in make campaign button click event.

3.6.11. Cancel Campaign Button

The aim of this button cancel to doing beforehand campaign.

3.6.12. Update Campaign Button

This button update to doing beforhand campaign according to entering new datas.

3.7 Entering Invoice Form

At this form, record buying pruduct to database as invoice. Calculate selling price of product automaticly as to beforehand selling policy by firm when you enter invoice. Increase entering product stocks acording to amount items of invoice. And write loan to firm account. This form show in figure 3.8.

Sea and a		52(4)(5)	- Supermarket Deli	very Austomation System		[♥][≋ Sign
	egistration And Setting	Firm	Registration And Settir	ng	Setting Setting	
Bill no			🜙 Bill Search			Home Pa
Date	28.06.2008			Barcode		-SBarcode Search
Firm ID]	SFirm Search	Product Type		
irm Name			le general de la companya de la companya de la companya de la companya de la companya de la companya de la comp	Mark		
Person ID			****	Package Amount		
^o erson Name	2			Package Type		
Dring						
	·/		AT Cost			Remove
Billitome	·•					
bilino	ti arcode (producttype ma	ik packagea	mou packageunit packagelype	e amount tax	price (jio)
-					🗍 Discou	nt
Save	Update	Delete	Clear	Print	Total VAT	ГО
	_					

Figure 3.8. Entering Invoice Form

3.7.1. Bill Search Button

When click bill search button, load new bill search form. When close the new search form, show datas of bill on form with coming datas from loading new search form. And loading new bill search form show in figure 3.9.

-	Bill Search
⊙ Bill No ⊖ Date	28.06.2008 V 28.06.2008 V Search
Bills	
tatusBar1	

Figure 3.9. Bill Search Form

3.7.2. Bill Search Form And Search Button

Search bill in database acording to bill no and date then show find bill(s) into bills table. Bill search form of source codes are given below.

3.7.3. Firm Search Button

When click firm search button, load new firm search form. When close the new search form, show datas of firm on form with coming datas from loading new search form. And loading new firm search form show in figure 3.10.

S, Firm S	earch 🔽 🛞 🕅
Firm ID Firm Name	Search
Firms	Landard and a second second second second second second second second second second second second second second

Figure 3.10. Firm Search Form

3.7.4. Firm Search Form And Search Button

Search firm in database acording to firm id or firm name then show find firm(s) into firms table.

3.7.5. Barcode Search Button

When click barcode search button, load new product search form. When close the new search form, show datas of product on form with coming datas from loading new search form. And loading new product search form show in figure 3.11.

-	Product Search	
Barcode Product Type	Search	
Products		

Figure 3.10. Product Search Form

3.7.6. Product Search Form And Search Button

Search product in database acording to barcode or product type then show find product(s) into products table.

3.7.7. Add Button

This button use for add items(product) to invoice. When click this button, increase total of invoice and vat as to price and vat of adding product.

3.7.8. Remove Button

This button use for remove items(product) to invoice. When click this button, decrease total of invoice and vat as to price and vat of removing product.

3.7.10. Save Button

Save button record invoice to database. Calculate selling price acording to firm policy. Write loan to firm account. And increase stock at products of invoice.

3.7.11. Update Button

Update entering invoice, firm account and of course product stocks. If wants, update to selling price.

3.7.12. Delete Button

Delete invoice from database. And set necessary setting about firn account, product stocks.

3.7.13. Clear Button

This button clear the form.

3.8 Cashier Selling Form

Selling the product to customer. Calculate the cost of bill. When the selling agree, save bill to database and set necessary setting of stocks. Cashier selling form shown in figure 3.11.

	SDAES - Supermark	kel: Delivery Austomation Sy	stem	[♥](ゑ)(3 Sign Ot
Firm Registration Ar	nd Setting	etting S Entering Invoid	cashier - Setting	Cashier · Whole
Barcode	J.Search	Total	D	Home Page
	× 1	VAT Total	0	
		Repayment		
	1- Alter 10 - 10 - 1	1.Cash	3.Cash And Credit Card	3 5.Add
	WILLIAM SER	2.Credit Card	4.Clear	53 6.Remove
Bill Items	an being			10-
barco de produ	otype naik packajsamou p	ackageunit packagetype am	ount tax price	moneyumit taxia

Figure 3.11. Cashier Selling Form

3.8.1. Add Button

Add selling product to bill. And increase total of bill and vat as to price and vat of adding product.

3.8.2. Remove Button

Remove selling product to bill. And decrease total of bill and vat as to price and vat of removing product.

3.8.3. Cash Button

This button use cash selling. When click the cash button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash selling form show in figure 3.12.

Cash Selling	
Bill Total	a new set and
Total Vat	10 20 10 10 10 10
	The second second
Payment	
Repayment U	
Are You Accept This	Selling?
Cancel	Accept

Figure 3.12. Cash Selling Accept Form

3.8.4. Cash Selling Accept Form

This form only an aggreement form.

3.8.5. Credit Card Button

This button use selling with credit card. When click the credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept credit card selling form show in figure 3.13.

redit Card	
Bill Total	
Total Vat	
Card Ma	[
Lard No	
Are You	Accept This Selling?
S Car	cel Accept

Figure 3.13. Credit Card Accept Form

3.8.6. Credit Card Selling Accept Form

This form only an aggreement form.

3.8.7. Cash And Credit Card Button

This button use selling with credit card and cash. When click the cash and credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash and credit card selling form show in figure 3.14.

Cash And Credit Card	
Bill Total	
Total Vat	
Reminder	
Card No	
Card Payment	
Cash Payment	
Repayment 0	
Are You Acc	ept This Selling?
Cancel	Accept

Figure 3.14. Cash And Credit Card Selling Accept Form

3.8.8. Cash And Credit Card Selling Accept Form

This form only an aggreement form.

3.8.9. Clear Button

This button clear the form.

3.9. Cashier Whole Form

Whole selling the product to customer. Calculate the cost of bill. When the selling agree, save bill to database and set necessary setting of stocks. Cashier selling form shown in figure 3.15.

50AC5 - 50	ermarket Delivery Auntomation 5ys	tem .	[♥][Ձ][Ջ Sign Ou
Firm Registration And Setting	of And Setting	Cashier - Selling	Cashier · Whole
Barcode	Total	0	Home Page
L	Discount 1	%	
Firm ID Firm Sear	ch 1.Cash	3.Cash And Credit Card	5.Add
Firm Name	2.Credit Card	4.Clear	6.Remove
Eilfitems barcode producttyp mark packs	ugea packageun packagety am	nount tax pri	ce moneyunit taxc
4			

Figure 3.15. Cashier Whole Form

3.9.1. Add Button

Add selling product to bill. And increase total of bill and vat as to price and vat of adding product.

3.9.2. Remove Button

Remove selling product to bill. And decrease total of bill and vat as to price and vat of removing product.

3.9.3. Cash Button

This button use cash selling. When click the cash button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash selling form show in figure 3.16.

Cash Selling	and the second second second second second second second second second second second second second second second
Bill Total	and all the mon duk has
Total Vat	and a straight and a straight of
Starting and Start	
Payment	
Repayment 0	
Are You Accept	This Selling?
Cancel	Accept

Figure 3.16. Cash Selling Accept Form

3.9.4. Cash Selling Accept Form

This form only an aggreement form for whole selling

3.9.5. Credit Card Button

This button use selling with credit card. When click the credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept credit card selling form show in figure 3.17.

Iredit Card	
Bill Total	
Total Vat	
Card No	
de al-le a le al-	
Are You Accep	t This Selling?
S Cancel	Accept

Figure 3.17. Credit Card Accept Form

3.9.6. Credit Card Selling Accept Form

This form only an aggreement form for whole selling.

3.9.7. Cash And Credit Card Button

This button use selling with credit card and cash. When click the cash and credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash and credit card selling form show in figure 3.18.

ash And Credit Card Bill Total			
Total Vat			
Reminder			
Card No			
Card Payment			
Cash Payment			
Repayment	0		
Are You Ac	ccept ⁻	This S	Selling?
S Cancel		1	Accept

Figure 3.18. Cash And Credit Card Selling Accept Form

3.9.8. Cash And Credit Card Selling Accept Form

This form only an aggreement form for whole selling.

3.9.9. Clear Button

This button clear the form.

3.10. Strongbox Form

Strongbox show total money of firm as to cashier name, firm name and date. Show in figure 3.19.

SDAC5 - Superm	arket Delivery Aud	omation System		
				Sign Out
Entering Invoice Cashier - Setting	Cashier · Whole	3 Cashier - Canceling	Strongbox	Depts And F
Date 28.06.2008 - 28.06.2008 -		General Total	0	
	Find	General Vat Total	0	
Cashier Name	2 - 110	General Cash Tota	u 0	
Firm Name		General Credit Ca	rd Total ()	
			The III	
	- 0			
Credit Card Total	0			
VAT Total	0			
1 Utal	U			
	dies			and the second se
Cash Total	n			
Credit Card Total	0		Clear	Print
Home Page Tatal	0		CIEUI	CS · ·····
l utal	U	······		

Figure 3.19. Strongbox Form

3.10.1. Find Button

Find total money of firm as to cashier name, firm name and date. And show.

3.10.2. Clear Button

This button clear the form.

3.11. Deps And Payment Receipt Form

Show depts and paymant as to paymentfirm and recipient firm. This form support to doing payment between firms. Show in figure 3.20.

SDAES -	Supermarket Delive	ry Austernation 5)	/stem -		
					Sign Out
Cashier · Selling Cashier · Whole	Cashier - Canc	seling Sta	rongbox	Depts And Paym	hent Program
Recipt Cashier Account		Daumant			
Payment Firm		Payment			
Payment Firm ID	\square	Payment Da	ate 05.	06.2008	•
Payment Firm Name	Firm Search	Payment An	nount		
Recipient Fim Recipient Fim ID			Balance	e	
Recipient Firm Name	Firm Search	According To Recipient Firm	05.06.2008 ListDepts	• 05.06.2008	List All Depts And Payments
Depts		Payment		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
id date firmid bil	Ino recipier	id	date	firmid bil	llno recipientfir r
Total Depts 0	Þ	[1]	Tote	il Payment 0	F
Print	С	lear I	Payment Delete	Payment Update	Pay

Figure 3.20. Receipt Form

3.11.1. According to Receipt Firm Button

Show all depts and payment and balance as to recepient firm.

3.11.2. List Depts - Payment By Date Button

Show balance, depts and payment of firm as to date.

3.11.3. List All Depts And Payments Button

Show all depts and payment and balance of firm.

3.11.4. Pay Button

Save doing payment to payment firm account.

3.11.5. Payment Update Button

Update doing payment, setting necessary correction in database.

3.11.6. Payment Delete Button And Codes

Delete payment from firm account.

3.11.7. Clear Button And Codes

Clear the form.

3.12. Depts And Payment Cashier Account

This form keep account of cashier with dates and search account of cashiers according to person id, person name, date and then show them. Also save payment of cashiers and calculate total of depts and payment, balance. The form show in figure 3.21.

SDACS - Supermarket De	Livery Austomation System.
Cashier - Selling Cashier - Whole Cashier -	Canceling Strongbox Depts And Payment Rogram
Person ID Search Person Name Date 28.06.2008 V Find	Payment General Dept Total 0 Amount Of Payment Pay Balance 0
Depts	Payment
Seliing Bill(s)	Cashier Payment(s)
	1 1 N
Total 0	
Total 0 Whole Selling Bill(s)	
Total 0 Whole Selling Bill(s)	
Total 0 Whole Selling Bill(s)	Total

Figure 3.21. Cashier Account Form

3.13. Cashier Canceling Form

This form canceling the selected selling(bill). And set necessary modification in person account and stock. Also doing search bill as to date, bill no, cashier name, firm name. Form show in figure 3.22.

		SDACS - Supermarket	Delivery Auotomation	5ystem		Sign Ou
Stok Control Ar	nd Setting		Cashier - Selling	Cashier · Whole	Cashier - C	anceling
Date	28.06.2008	▼ 28.06.2008 ▼				Home Page
Bill No]				
Cashier Name		Sashier Search	 Selling 	Search	Clear	S Gancel Bill
Firm Name		Firm Search	O Whole Selling			
BILL(S)	-				di di si	
						-
	-					
ITEM(S)	C. Street and	The state			12	1
1 _1						

Figure 3.22. Cashier Canceling Form

3.14. Program Settings Form

This form to enable to set of any setting of programing. When click program setting, guide you setting page first and setting page directly guide you setting. Setting page show in figure 3.23.

	SDACS - Supermarket Selivery Austama	tion System	Sign Out
Ceshier · Whole Ces Setting Page Unit Settings Setting Pr	hier - Canceling Strongbox	Depts And Payment Program Settings	Report:
UNIT SETTINGS	SELLING PRICE CALCULATOR SETTING	CLIENT PERMISSION AND SETTING	Uniterade

Figure 3.23. Setting page

3.14.1. Unit Setting Form

This form add or delete any unit. For example money unit, package unit... form show in figure 3.24.

6	SDAC5 - Supermarke	L Delivery Austomation System		N A A A A A A A A A A A A A A A A A A A
	100.0			Sign Out
Cashier - Wh	nole S Cashier - Canceling S	trongbox Depts And Paym	ent Rogram Settings	Report:
Setting Page	Settings Setting Price Calculater Settings Clier	nt Permissions And Settings Reset		
_ Money Unit Se	tting	-Sex Setting	<u>Go To Se</u>	etting Page
Money Unit	ADD	Sex	ADD	
	SET		DELETE	
	DELETE			
1		I 1		
Package Unit	Setting	Package Type Setting		
Package Unit	ADD	Package Type	ADD	
	T DELETE		• DELETE	
-Mark Setting-		Location Setting		
Mark	ADD	Location	ADD [
	DELETE		DELETE	
		3 2		

Figure 3.24. Unit Setting

3.14.2. Selling Price Calculating Setting

This form set policy of firm of how is calculate selling price. Show in figure 3.25.

selling Price	selling Price Calculater Set selling Price Buying Price	inge Litent Permissions	And Settings Heset	Go To Setting Pa
Clear	1 2 3 4 5 6 7 8 9 <- 0 .	% + ()	Set Selling Price Calculator	

Figure 3.25. Selling Price Calculator Setting

3.14.3. Client Permission And Setting

This form add, delete or update statute, also set the permission of statute. Form show in figure 3.26.

SDALS - Supermarke	at Delivery Auctomation System	
Cashier · Whole Cashier · Canceling	Strongbox	Program Settings Report
Statue Name	nt Permissions And Settings Heset	<u>Go To Setting Page</u>
Statue Name ADD	CASHIER SELLING	REPORTS
	CASHIER WHOLE SELLING	
STOCK CONTROL AND SETTING		-
	STRONG BOX	
DEPTS AND PAYMENTS	PROGRAM SETTINGS	

Figure 3.26. Client Permissions and Setting Form

CHAPTER FOUR: CREATE SQL TABLES AND SQL LANGUAGE OF STORED PROSEDURE

4.1. Created Tables

Create table in sql server. Created tables show in figure 4.1.



Figure 4.1. Created Sql Tables

4.2. Created SQL Stored Procedure

Create sql procedure for interrogate database tables. Write sql code in sql query analyzer.

CONCLUSION

In practice, this program which manages a supermarket's automation system. Also it makes arrangements of the super market's sale, purchasing, stocks and accounting process.

In chapters, there are informations about definition, evolution development and history of visual studio.net 2003 and sql server 2000 and also give informations about instruction of the program, how is database management system, moreover, gives and explain the codes of program.

The aims of this program are to make easy to sale and purchasing, stocking, accounting. Besides it gives datas to management departements so it contributes to develop and to manage better to the supermarket. The program provides to reach to the informations about supermarket faster.

In this program it is aimed that to decrease the missing rates in such managements. It enables the customers to make shopping faster and safely.

Appendix Visual Basic .NET

Public Class Form1

Inherits System. Windows. Forms. Form Private Sub Button1 Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles dbc Button1.Click dbc ProgressBar1.Value = 0dbc ProgressBar1.Visible = True dbc_Label1.Enabled = False dbc Label2.Enabled = False dbc TextBox1.Enabled = False dbc TextBox2.Enabled = False dbc Button1.Enabled = False dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 15 If dbc_TextBox1.Text = "" Or dbc_TextBox2.Text = "" Then dbc ProgressBar1.Value = dbc ProgressBar1.Value + 85 dbc_ProgressBar1.Visible = False MsgBox("You Have To Enter Server Name or Database Name", MessageBoxIcon.Warning) dbc Label1.Enabled = True dbc_Label2.Enabled = True dbc TextBox1.Enabled = True dbc_TextBox2.Enabled = True dbc Button1.Enabled = True Else dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 15 Dim s As String s = "Data Source=" & dbc_TextBox1.Text & ";" & "Initial Catalog=" & dbc_TextBox2.Text & ";" & "Integrated Security=True"

connstr = s

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 20

Dim c As New SqlClient.SqlConnection(s)

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25
c.Open()

If c.State = ConnectionState.Open Then

dbc ProgressBar1.Value = dbc ProgressBar1.Value + 25

dbc_ProgressBar1.Visible = False

connetrl = 1

Me.Hide()

ContextMenu1.MenuItems(1).Enabled = True

NotifyIcon1.Icon = New Icon("C:\Program

Files\SDACS\icons\enable server.ico")

Dim f2 As New Form2

f2.ShowDialog()

End If

Catch ex As SqlClient.SqlException

If ex.Number = 17 Then

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25 dbc_ProgressBar1.Visible = False

MsgBox("Invalid Server Name", MessageBoxIcon.Error)

dbc TextBox1.Text = ""

dbc TextBox1.Focus()

ElseIf ex.Number = 4060 Then

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25

dbc_ProgressBar1.Visible = False

MsgBox("Invalid Database Name", MessageBoxIcon.Error)

dbc_TextBox2.Text = ""

dbc_TextBox2.Focus()

Else

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25 dbc_ProgressBar1.Visible = False

MsgBox(ex.Message & "(" & ex.Number & ")")

End If

dbc_Label1.Enabled = True

dbc_Label2.Enabled = True

dbc_TextBox1.Enabled = True

dbc_TextBox2.Enabled = True

dbc_Button1.Enabled = True Finally c.Close() End Try End If End Sub

Private Sub NotifyIcon1_DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles NotifyIcon1.DoubleClick

Me.Show()

End Sub

Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles dbc_Button2.Click

Me.Hide() End Sub

Private Sub MenuItem1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem1.Click

Me.Close() End Sub

Private Sub dbc_Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles dbc_Button3.Click

connctrl = 0
dbc_Label1.Enabled = True
dbc_Label2.Enabled = True
dbc_TextBox1.Enabled = True
dbc_TextBox2.Enabled = True
dbc_Button1.Enabled = True
dbc_TextBox1.Text = ""
dbc_TextBox2.Text = ""
NotifyIcon1.Icon = New Icon("C:\Program

Files\SDACS\icons\desable_server.ico")

Private Sub MenuItem2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem2.Click

Me.Show()

End Sub

Private Sub MenuItem4_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem4.Click

Dim f2 As New Form2

f2.ShowDialog()

End Sub

```
Private Sub ContextMenu1_Popup(ByVal sender As Object, ByVal e As
```

System.EventArgs) Handles ContextMenu1.Popup

```
If signinctrl = 0 Or connetrl = 0 Then
```

ContextMenu1.MenuItems(1).Enabled = False

Else

ContextMenu1.MenuItems(1).Enabled = True End If End Sub

End Class

Public Class Form2

Inherits System.Windows.Forms.Form

Private Sub lgn_Button1_Click(ByVal sender As System.Object, ByVal e As

System.EventArgs) Handles lgn_Button1.Click

lgn_Label1.Enabled = False lgn_Label2.Enabled = False lgn_TextBox1.Enabled = False lgn_TextBox2.Enabled = False lgn_Button1.Enabled = False If lgn_TextBox1.Text = "" Then

MsgBox("You Have To Enter Your Person ID", MessageBoxIcon.Information) lgn Label1.Enabled = True lgn Label2.Enabled = True lgn TextBox1.Enabled = True lgn TextBox2.Enabled = True lgn Button1.Enabled = True ElseIf connctrl = 1 Then c.ConnectionString = connstr Ds2.persondat.Clear() da.Fill(Ds2.persondat) Dim dr As DataRow Dim i As Integer = 0Dim ctrl As Integer = 0For Each dr In Ds2.persondat.Rows If Not IsNumeric(lgn TextBox1.Text) Then MsgBox("Invalid Person ID", MessageBoxIcon.Error) lgn Label1.Enabled = True lgn Label2.Enabled = True lgn TextBox1.Enabled = True lgn_TextBox2.Enabled = True lgn Button1.Enabled = True Exit Sub End If If dr.Item("id") = lgn_TextBox1.Text And dr.Item("password") = Ign TextBox2.Text Then Me.Hide() signinctrl = 1pid = dr.Item("id")statue = dr.Item("statue") pname = dr.Item("name") surname = dr.Item("surname") sex = dr.Item("sex")Dim f3 As New Form3 f3.ShowDialog()

Me.Show()

signinctrl = 0

lgn_Label1.Enabled = True

lgn_Label2.Enabled = True

lgn_TextBox1.Enabled = True

lgn_TextBox2.Enabled = True

lgn_Button1.Enabled = True

lgn_TextBox1.Text = ""

lgn TextBox2.Text = ""

```
\operatorname{ctrl} = 0
```

Exit Sub

Else

ctrl = 1

End If

Next

If ctrl = 1 Then

MsgBox("Wrong Person Id or Password", MessageBoxIcon.Error)

 $lgn_Label1.Enabled = True$

lgn Label2.Enabled = True

lgn_TextBox1.Enabled = True

lgn_TextBox2.Enabled = True

lgn_Button1.Enabled = True

End If

Else

MsgBox("Connection Problem You Have To Connect To Server Before Login", MessageBoxIcon.Error)

lgn_Label1.Enabled = True lgn_Label2.Enabled = True lgn_TextBox1.Enabled = True lgn_TextBox2.Enabled = True lgn_Button1.Enabled = True Me.Close() End If End Sub Private Sub Form2_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

lgn_TextBox1.Focus()

End Sub

Private Sub Form2_Closing(ByVal sender As Object, ByVal e As System.ComponentModel.CancelEventArgs) Handles MyBase.Closing signinctrl = 1

End Sub

End Class

Public Class Form4 Inherits System. Windows. Forms. Form Dim cm As CurrencyManager Dim change As String Dim changel As String Private Sub Form4_Load(ByVal sender As System.Object, ByVal e As System. EventArgs) Handles MyBase. Load Label1.Text = sex & " " & pname & " " & surname pc.ConnectionString = connstr Dim co As New SqlClient.SqlCommand Dim da As New SqlClient.SqlDataAdapter Dim ds As New DataSet \sim co.Connection = pc co.CommandText = "select * from [permissions] where (id=" & statue & ")" da.SelectCommand = cods.Clear() da.Fill(ds, "per") Dim dr As DataRow For Each dr In ds. Tables("per"). Rows If dr.Item("cregandest") = 1 Then Button102.Visible = True TabControl1.TabPages(1).Enabled = True

```
ElseIf dr.Item("cregandest") = 0 Then
TabControl1.TabPages(1).Enabled = False
Button102.Visible = False
End If
```

```
If dr.Item("fregandset") = 1 Then
   Button105.Visible = True
  TabControl1.TabPages(2).Enabled = True
ElseIf dr.Item("fregandset") = 0 Then
   TabControl1.TabPages(2).Enabled = False
  Button105.Visible = False
End If
If dr.Item("sconandset") = 1 Then
  Button108.Visible = True
  TabControl1.TabPages(3).Enabled = True
ElseIf dr.Item("sconandset") = 0 Then
  TabControl1.TabPages(3).Enabled = False
  Button108.Visible = False
End If
If dr.Item("entinvoice") = 1 Then
  Button111.Visible = True
  TabControl1.TabPages(4).Enabled = True
ElseIf dr.Item("entinvoice") = 0 Then
  TabControl1.TabPages(4).Enabled = False
  Button111.Visible = False
End If
If dr.Item("casselling") = 1 Then
  Button103.Visible = True
  TabControl1.TabPages(5).Enabled = True
ElseIf dr.Item("casselling") = 0 Then
  TabControl1.TabPages(5).Enabled = False
  Button103.Visible = False
End If
If dr.Item("caswselling") = 1 Then
```

```
Button106.Visible = True
  TabControl1.TabPages(6).Enabled = True
ElseIf dr.Item("caswselling") = 0 Then
  TabControl1.TabPages(6).Enabled = False
  Button106.Visible = False
End If
If dr.Item("cascanceling") = 1 Then
  Button109.Visible = True
  TabControl1.TabPages(7).Enabled = True
ElseIf dr.Item("cascanceling") = 0 Then
  TabControl1.TabPages(7).Enabled = False
  Button109.Visible = False
End If
If dr.Item("strongbox") = 1 Then
  Button114.Visible = True
  TabControl1.TabPages(8).Enabled = True
ElseIf dr.Item("strongbox") = 0 Then
  TabControl1.TabPages(8).Enabled = False
  Button114.Visible = False
End If
If dr.Item("deptandpayment") = 1 Then
  Button104.Visible = True
  TabControl1.TabPages(9).Enabled = True
ElseIf dr.Item("deptandpayment") = 0 Then
  TabControl1.TabPages(9).Enabled = False
  Button104.Visible = False
End If
If dr.Item("progset") = 1 Then
  Button 107. Visible = True
  TabControl1.TabPages(10).Enabled = True
ElseIf dr.Item("progset") = 0 Then
  TabControl1.TabPages(10).Enabled = False
  Button 107. Visible = False
End If
```

If dr.Item("reports") = 1 Then Button110.Visible = True TabControl1.TabPages(11).Enabled = True ElseIf dr.Item("reports") = 0 Then TabControl1.TabPages(11).Enabled = False Button110.Visible = False End If Next

End Sub

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
```

If connectrl = 1 Then

If TextBox1.Text = "" Then

MsgBox("Please enter id number", MessageBoxIcon.Error)

Else

If IsNumeric(TextBox1.Text) Then

Dim dset As New DataSet

Dim da As New SqlClient.SqlDataAdapter

pc.ConnectionString = connstr

idsrc.Parameters("@xx").Value = TextBox1.Text

da.SelectCommand = idsrc

da.Fill(dset, "f")

DataView1.Table = dset.Tables("f")

Else

MsgBox("invalid ID", MessageBoxIcon.Error)

End If

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

```
Private Sub Button6_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button6.Click
```

If connctrl = 1 Then

Dim dset As New DataSet

Dim da As New SqlClient.SqlDataAdapter

pc.ConnectionString = connstr

nmsrc.Parameters("@xx").Value = TextBox2.Text & "%"

da.SelectCommand = nmsrc

da.Fill(dset, "f")

DataView1.Table = dset.Tables("f")

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub DataGrid1_DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid1.DoubleClick

cm = CType(Me.BindingContext(DataView1), CurrencyManager) TextBox1.Text = DataGrid1.Item(cm.Position, 0) TextBox2.Text = DataGrid1.Item(cm.Position, 1) TextBox3.Text = DataGrid1.Item(cm.Position, 2) ComboBox1.Text = DataGrid1.Item(cm.Position, 3) TextBox6.Text = DataGrid1.Item(cm.Position, 4) TextBox7.Text = DataGrid1.Item(cm.Position, 5) TextBox8.Text = DataGrid1.Item(cm.Position, 6) TextBox5.Text = DataGrid1.Item(cm.Position, 7) TextBox4.Text = DataGrid1.Item(cm.Position, 8) ComboBox3.Text = DataGrid1.Item(cm.Position, 9) DateTimePicker1.Text = DataGrid1.Item(cm.Position, 10) ComboBox2.Text = DataGrid1.Item(cm.Position, 11)

Private Sub TabControl1_SelectedIndexChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles TabControl1.SelectedIndexChanged

If TabControl1.SelectedTab.Name = "TabPage1" Then Me.AcceptButton = Button2 pc.ConnectionString = connstr Pds1.persondat.Clear() pda.Fill(Pds1.persondat)

Dim ss As New DataSet ComboBox1.Items.Clear() sexda.Fill(ss, "a") Dim dr As DataRow For Each dr In ss.Tables("a").Rows ComboBox1.Items.Add(dr.Item("sex")) Next Dim st As New DataSet Dim stda As New SqlClient.SqlDataAdapter Dim stco As New SqlClient.SqlCommand stco.Connection = pcstco.CommandText = "select statute from [permissions]" stda.SelectCommand = stco ComboBox2.Items.Clear() stda.Fill(st, "s") Dim drst As DataRow For Each drst In st.Tables("s").Rows ComboBox2.Items.Add(drst.Item("statute"))

Next

Dim u As New DataSet Dim uda As New SqlClient.SqlDataAdapter Dim uco As New SqlClient.SqlCommand uco.Connection = pc

```
uco.CommandText = "select unit from moneyunit"
uda.SelectCommand = uco
ComboBox3.Items.Clear()
uda.Fill(u, "s")
Dim dru As DataRow
For Each dru In u.Tables("s").Rows
ComboBox3.Items.Add(dru.Item("unit"))
Next
End If
If TabControl1.SelectedIndex = 3 Then
Me.AcceptButton = Button9
End If
End Sub
```

```
Private Sub LinkLabel1_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel1.LinkClicked
TabControl1.SelectedIndex = 0
```

```
Private Sub Button5_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button5.Click
```

```
If connctrl = 1 Then
TextBox1.Text = ""
TextBox2.Text = ""
TextBox3.Text = ""
TextBox4.Text = ""
TextBox5.Text = ""
TextBox6.Text = ""
TextBox7.Text = ""
ComboBox3.Text = ""
ComboBox1.Text = ""
```

DateTimePicker1.Text = "" Pds1.persondat.Clear() DataView1.Table = Pds1.persondat

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button4 Click(ByVal sender As System.Object, ByVal e As System. EventArgs) Handles Button4. Click If connctrl = 1 Then If TextBox1.Text = "" Or Not IsNumeric(TextBox1.Text) Then MsgBox("Invalid ID Number", MsgBoxStyle.Information) Else pc.ConnectionString = connstr Dim st As New DataSet Dim statueid As Integer pc.Open() findstid.Parameters("@statue").Value = ComboBox2.Text statueid = findstid.ExecuteScalar pc.Close() persnupt.Parameters("@id").Value = TextBox1.Text persnupt.Parameters("@name").Value = TextBox2.Text persnupt.Parameters("@surname").Value = TextBox3.Text persnupt.Parameters("@sex").Value = ComboBox1.Text persnupt.Parameters("@address").Value = TextBox6.Text persnupt.Parameters("@phone").Value = TextBox7.Text persnupt.Parameters("@email").Value = TextBox8.Text persnupt.Parameters("@password").Value = TextBox5.Text persnupt.Parameters("@salery").Value = TextBox4.Text persnupt.Parameters("@moneyunit").Value = ComboBox3.Text persnupt.Parameters("@startingdate").Value = DateTimePicker1.Text persnupt.Parameters("@statue").Value = statueid

Try

Dim i As Integer

i = MsgBox("Do You Want to Save Changes Realy", MsgBoxStyle.YesNo, "UPDATE")

If i = 6 Then

pc.Open()

persnupt.ExecuteNonQuery()

MsgBox("Updated Successful", MsgBoxStyle.Information)

End If

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

pc.ConnectionString = connstr

```
Pds1.persondat.Clear()
```

pda.Fill(Pds1.persondat)

DataView1.Table = Pds1.persondat

End Try

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click

If connctrl = 1 Then

dltpersn.Parameters("@id").Value = TextBox1.Text

Try

Dim i As Integer

i = MsgBox("Do You Want to Delete Person Realy", MsgBoxStyle.YesNo, "DELETE")

If i = 6 Then

pc.ConnectionString = connstr

pc.Open()

dltpersn.ExecuteNonQuery()

MsgBox("Person Deleted", MsgBoxStyle.Information)

End If

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

pc.ConnectionString = connstr

Pds1.persondat.Clear()

pda.Fill(Pds1.persondat)

DataView1.Table = Pds1.persondat

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

```
Me.Close()
End If
End Sub
```

```
Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
```

If connctrl = 1 Then pc.ConnectionString = connstr Dim st As New DataSet Dim statueid As Integer pc.Open() findstid.Parameters("@statue").Value = ComboBox2.Text statueid = findstid.ExecuteScalar pc.Close() saveperson.Parameters("@id").Value = TextBox1.Text

If TextBox2.Text = "" Then

MsgBox("Enter A Name", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@name").Value = TextBox2.Text
End If

If TextBox3.Text = "" Then

MsgBox("Enter A Surname", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@surname").Value = TextBox3.Text End If

If ComboBox1.Text = "" Then

MsgBox("Select A Sex", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@sex").Value = ComboBox1.Text

End If

If TextBox6.Text = "" Then

MsgBox("Enter An Address", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@address").Value = TextBox6.Text
End If

If TextBox7.Text = "" Then

saveperson.Parameters("@phone").Value = "-"

Else

saveperson.Parameters("@phone").Value = TextBox7.Text
End If

If TextBox8.Text = "" Then

saveperson.Parameters("@email").Value = "-"

Else

saveperson.Parameters("@email").Value = TextBox8.Text

End If

If TextBox5.Text = "" Then

MsgBox("Enter A Password", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@password").Value = TextBox5.Text
End If

If TextBox4.Text = "" Then

saveperson.Parameters("@salery").Value = DBNull.Value Else

saveperson.Parameters("@salery").Value = TextBox4.Text

End If

If ComboBox3.Text = "" Then

MsgBox("Select a Moneyunit", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@moneyunit").Value = ComboBox3.Text
End If

```
saveperson.Parameters("@startingdate").Value = DateTimePicker1.Value
If ComboBox2.Text = "" Then
```

MsgBox("Select A Statute", MsgBoxStyle.Information)

Exit Sub

Else

saveperson.Parameters("@statue").Value = statueid

End If

Try

Dim i As Integer

i = MsgBox("Do You Want to Save Person Realy", MsgBoxStyle.YesNo, "SAVE")

If i = 6 Then

pc.ConnectionString = connstr

pc.Open()

saveperson.ExecuteNonQuery()

MsgBox("Saved Personel Successfully", MsgBoxStyle.Information)

End If

Catch ex As SqlClient.SqlException

If ex.Number = 2627 Then

MsgBox(TextBox1.Text & "Person ID Already Exist Please Change

Person ID and Try Again", MessageBoxIcon.Error)

Else

MsgBox(ex.Message & " (" & ex.Number & ")")

End If

Finally

pc.Close()

pc.ConnectionString = connstr

Pds1.persondat.Clear()

pda.Fill(Pds1.persondat)

DataView1.Table = Pds1.persondat

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub TextBox2_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox2.TextChanged

Me.AcceptButton = Button6

End Sub

Private Sub TextBox1_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox1.TextChanged

Me.AcceptButton = Button1

End Sub

Private Sub CheckBox2_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CheckBox2.CheckedChanged If CheckBox2.Checked = True Then Label37.Enabled = True Label38.Enabled = True DateTimePicker2.Enabled = True DateTimePicker3.Enabled = True End If If CheckBox2.Checked = False Then Label37.Enabled = False Label38.Enabled = False DateTimePicker2.Enabled = False DateTimePicker3.Enabled = False End If

Private Sub TextBox11_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs)

Me.AcceptButton = Button9

If change = ComboBox16.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

End Sub

```
Private Sub LinkLabel2_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel2.LinkClicked
ComboBox16.Enabled = True
change = ComboBox16.Text
End Sub
```

Private Sub LinkLabel3_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles LinkLabel3.LinkClicked

```
TextBox12.Enabled = True
change = TextBox12.Text
End Sub
```

```
Private Sub LinkLabel4_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel4.LinkClicked
```

```
ComboBox4.Enabled = True
change = ComboBox4.Text
End Sub
```

```
Private Sub LinkLabel5_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
```

LinkLabel5.LinkClicked

ComboBox5.Enabled = True

```
change = ComboBox5.Text
```

End Sub

```
Private Sub LinkLabel6_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
```

LinkLabel6.LinkClicked

```
TextBox14.Enabled = True
change = TextBox14.Text
spcctrl = 1
End Sub
```

Private Sub LinkLabel7_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles

LinkLabel7.LinkClicked

TextBox13.Enabled = True ComboBox6.Enabled = True change = TextBox13.Text change1 = ComboBox6.Text spcctrl = 1

Private Sub LinkLabel8_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles

LinkLabel8.LinkClicked

TextBox15.Enabled = True change = TextBox15.Text End Sub

```
Private Sub LinkLabel9_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel9.LinkClicked
ComboBox8.Enabled = True
```

```
change = ComboBox8.Text
End Sub
```

```
Private Sub TextBox12_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox12.TextChanged
```

```
If change = TextBox12.Text Then
Button10.Enabled = False
Else
Button10.Enabled = True
End If
End Sub
```

```
Private Sub ComboBox4_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ComboBox4.SelectedIndexChanged
If change = ComboBox4.Text Then
Button10.Enabled = False
Else
Button10.Enabled = True
End If
End Sub
```

```
Private Sub ComboBox5_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ComboBox5.SelectedIndexChanged
If change = ComboBox5.Text Then
Button10.Enabled = False
Else
Button10.Enabled = True
End If
End Sub
```

Private Sub TextBox14_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox14.TextChanged

If change = TextBox14.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

If TextBox13.Text = "" Or TextBox14.Text = "" Or Not

IsNumeric(TextBox13.Text) Or Not IsNumeric(TextBox14.Text) Or spectrl = 0 Then

```
Exit Sub
End If
Dim price As Double
Dim vad As Double
Dim vadcost As Double
price = TextBox13.Text
vad = TextBox14.Text
vad = (vad / 100) + 1
vadcost = price - (price / vad)
Label61.Text = Math.Round(vadcost, 2)
End Sub
```

Private Sub TextBox13_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox13.TextChanged If change = TextBox13.Text Then Button10.Enabled = False Else

Button10.Enabled = True

End If

```
If TextBox13.Text = "" Or TextBox14.Text = "" Or Not
```

IsNumeric(TextBox14.Text) Or Not IsNumeric(TextBox13.Text) Or spectrl = 0 Then

Exit Sub End If Dim price As Double Dim vad As Double Dim vadcost As Double price = TextBox13.Text vad = TextBox14.Text vad = (vad / 100) + 1 vadcost = price - (price / vad) Label61.Text = Math.Round(vadcost, 2) End Sub

Private Sub ComboBox6_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ComboBox6.SelectedIndexChanged

If change1 = ComboBox6.Text Then Button10.Enabled = False Else Button10.Enabled = True End If End Sub

Private Sub TextBox15_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox15.TextChanged

If change = TextBox15.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

End Sub

Private Sub ComboBox8_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ComboBox8.SelectedIndexChanged

If change = ComboBox8.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

End Sub

```
Private Sub CheckBox1_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CheckBox1.CheckedChanged
```

If CheckBox1.Checked = True Then

GroupBox5.Enabled = True

Else

```
GroupBox5.Enabled = False
TextBox23.Text = ""
ComboBox13.Text = ""
TextBox24.Text = ""
DateTimePicker2.Text = ""
DateTimePicker3.Text = ""
CheckBox2.Checked = False
End If
End Sub
```

```
Private Sub Button9_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button9.Click
If connctrl = 1 Then
If DateTimePicker3.Value < DateTimePicker2.Value Then
MsgBox("Campaign Starting date Not Greater Then Campaign Finishing
date", MessageBoxIcon.Error)
Exit Sub
End If
If TextBox9.Text = "" Or Not IsNumeric(TextBox9.Text) Then
```

MsgBox("Invalid Barcode", MessageBoxIcon.Error) Exit Sub

End If

productadd.Parameters("@barcode").Value = TextBox9.Text

If ComboBox14.Text = "" Then

MsgBox("Please Select A Product Type", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@producttype").Value = ComboBox14.Text End If

If ComboBox16.Text = "" Then

MsgBox("Please Enter A Mark", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@mark").Value = ComboBox16.Text

End If

If TextBox12.Text = "" Then

MsgBox("Please Enter A Package Amount", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@packageamount").Value = TextBox12.Text End If

If ComboBox4.Text = "" Then

MsgBox("Please Select A Package Unit", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@packageunit").Value = ComboBox4.Text End If

If ComboBox5.Text = "" Then

MsgBox("Please Select A Package Type", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@packagetype").Value = ComboBox5.Text

End If

If TextBox14.Text = "" Then

productadd.Parameters("@tax").Value = 0

Else

productadd.Parameters("@tax").Value = TextBox14.Text

End If

If TextBox13.Text = "" Then

productadd.Parameters("@sellingprice").Value = 0

Else

productadd.Parameters("@sellingprice").Value = TextBox13.Text End If

productadd.Parameters("@moneyunit").Value = ComboBox6.Text

productadd.Parameters("@taxcost").Value = Label61.Text

If TextBox15.Text = "" Then

productadd.Parameters("(a)stock").Value = 0

Else

```
productadd.Parameters("@stock").Value = TextBox15.Text
```

End If

If ComboBox8.Text = "" Then

productadd.Parameters("@location").Value = "-"

Else

productadd.Parameters("@location").Value = ComboBox8.Text End If

Try

pc.ConnectionString = connstr

pc.Open()

productadd.ExecuteNonQuery()

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

campaignadd.Parameters("@barcode").Value = TextBox9.Text

If CheckBox2.Checked = True And CheckBox1.Checked = True Then campaignadd.Parameters("@startingdate").Value = DateTimePicker2.Text campaignadd.Parameters("@finishingdate").Value = DateTimePicker3.Text

```
ElseIf CheckBox1.Checked = False Then
```

campaignadd.Parameters("@startingdate").Value = "31.12.9998" campaignadd.Parameters("@finishingdate").Value = "31.12.9998"

ElseIf CheckBox1.Checked = True And CheckBox2.Checked = False Then campaignadd.Parameters("@startingdate").Value = DateTime.Today campaignadd.Parameters("@finishingdate").Value = "31.12.9998" End If

If TextBox24.Text = "" Then

campaignadd.Parameters("@notes").Value = "-"

Else

campaignadd.Parameters("@notes").Value = TextBox24.Text End If

If CheckBox1.Checked = True Then

```
If TextBox23.Text = "" Then
```

MsgBox("Please Enter A campaign Price or Calculate Campaign Price", MessageBoxIcon.Error)

Exit Sub

Else

campaignadd.Parameters("@campaignprice").Value = TextBox23.Text End If

Else

```
campaignadd.Parameters("@campaignprice").Value = 0
```

End If

If CheckBox1.Checked = True Then

If ComboBox13.Text = "" Then

MsgBox("Please Select Money Unit", MessageBoxIcon.Error) Exit Sub

Else

campaignadd.Parameters("@moneyunit").Value = ComboBox13.Text End If

Else

```
campaignadd.Parameters("@moneyunit").Value = "-"
End If
Try
  pc.ConnectionString = connstr
  pc.Open()
  campaignadd.ExecuteNonQuery()
  MsgBox("Product Add Successfully", MsgBoxStyle.Information)
Catch ex As SqlClient.SqlException
  MsgBox(ex.Message & " (" & ex.Number & ")")
Finally
  pc.Close()
End Try
pc.ConnectionString = connstr
Prdctds1.products.Clear()
listallproducts.Fill(Prdctds1.products)
Dim slctdr As DataRow
Dim i As Integer = 0
cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)
For Each slctdr In Prdctds1.products.Rows
  If slctdr.Item("barcode") = TextBox9.Text Then
    DataGrid2.Select(i)
    cm.Position = i
  End If
  i += 1
Next
TextBox9.Text = ""
ComboBox16.Text = ""
TextBox12.Text = ""
TextBox13.Text = ""
TextBox14.Text = ""
TextBox15.Text = ""
ComboBox14.Text = ""
ComboBox4.Text = ""
```

```
ComboBox5.Text = ""
```

ComboBox6.Text = "" ComboBox8.Text = "" CheckBox1.Checked = False ComboBox16.Enabled = True TextBox12.Enabled = True TextBox13.Enabled = True TextBox14.Enabled = True TextBox15.Enabled = True ComboBox4.Enabled = True ComboBox5.Enabled = True ComboBox6.Enabled = True Button11.Enabled = False Button10.Enabled = False

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

```
Private Sub LinkLabel10_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel10.LinkClicked
```

TabControl1.SelectedIndex = 0

End Sub

Private Sub Button14_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button14.Click

```
If connctrl = 1 Then
```

TextBox9.Text = ""

ComboBox16.Text = ""

TextBox12.Text = ""

```
TextBox13.Text = ""
```

TextBox14.Text = "" TextBox15.Text = "" ComboBox14.Text = "" ComboBox4.Text = "" ComboBox5.Text = "" ComboBox6.Text = "" ComboBox8.Text = "" CheckBox1.Checked = False Prdctds1.products.Clear() ComboBox16.Enabled = TrueTextBox12.Enabled = True TextBox13.Enabled = False TextBox14.Enabled = False TextBox15.Enabled = TrueComboBox4.Enabled = TrueComboBox5.Enabled = TrueComboBox6.Enabled = False ComboBox8.Enabled = True Button9.Enabled = True Button 11. Enabled = False Button 10. Enabled = FalseLabel61.Text = 0prdctDataView.RowFilter = "" Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button15_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button15.Click

If connectrl = 1 Then

prdctDataView.RowFilter = ""

ProgressBar1.Visible = True ProgressBar1.Value = 1 pc.ConnectionString = connstr ProgressBar1.Value = ProgressBar1.Value + 49 Prdctds1.products.Clear() ProgressBar1.Value = ProgressBar1.Value + 30 listallproducts.Fill(Prdctds1.products) ProgressBar1.Value = ProgressBar1.Value + 20 ProgressBar1.Visible = False

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub DataGrid2 DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid2.DoubleClick cm = CType(Me.BindingContext(prdctDataView), CurrencyManager) TextBox9.Text = DataGrid2.Item(cm.Position, 0) ComboBox14.Text = DataGrid2.Item(cm.Position, 1) ComboBox16.Text = DataGrid2.Item(cm.Position, 2) TextBox12.Text = DataGrid2.Item(cm.Position, 3) ComboBox4.Text = DataGrid2.Item(cm.Position, 4) ComboBox5.Text = DataGrid2.Item(cm.Position, 5) TextBox14.Text = DataGrid2.Item(cm.Position, 6) TextBox13.Text = DataGrid2.Item(cm.Position, 7) ComboBox6.Text = DataGrid2.Item(cm.Position, 8) Label61.Text = DataGrid2.Item(cm.Position, 9) ComboBox8.Text = DataGrid2.Item(cm.Position, 10) TextBox15.Text = DataGrid2.Item(cm.Position, 11) If DataGrid2.Item(cm.Position, 15) = 0 Then CheckBox1.Checked = False

CheckBox1.Checked = True

TextBox23.Text = DataGrid2.Item(cm.Position, 15)

ComboBox13.Text = DataGrid2.Item(cm.Position, 16)

TextBox24.Text = DataGrid2.Item(cm.Position, 14)

If DataGrid2.Item(cm.Position, 12) = "31.12.9999" Then

CheckBox2.Checked = False

Else

CheckBox2.Checked = True

DateTimePicker2.Text = DataGrid2.Item(cm.Position, 12)

DateTimePicker3.Text = DataGrid2.Item(cm.Position, 13)

End If

End If

ComboBox16.Enabled = False

TextBox12.Enabled = False

TextBox13.Enabled = False

TextBox14.Enabled = False

TextBox15.Enabled = False

ComboBox4.Enabled = False

ComboBox5.Enabled = False

ComboBox6.Enabled = False

ComboBox8.Enabled = False

Button9.Enabled = False

Button10.Enabled = False

Button11.Enabled = True

End Sub

Private Sub Button7_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button7.Click If connctrl = 1 Then If TextBox9.Text = "" Or Not IsNumeric(TextBox9.Text) Then MsgBox("Invalid Barcode", MessageBoxIcon.Error) Exit Sub End If Dim bsda As New SqlClient.SqlDataAdapter pc.ConnectionString = connstr barcodesrc.Parameters("@barcode").Value = TextBox9.Text bsda.SelectCommand = barcodesrc Prdctds1.products.Clear() bsda.Fill(Prdctds1.products) cm = CType(Me.BindingContext(prdctDataView), CurrencyManager) If cm.Position ≥ 0 Then TextBox9.Text = DataGrid2.Item(cm.Position, 0) ComboBox14.Text = DataGrid2.Item(cm.Position, 1) ComboBox16.Text = DataGrid2.Item(cm.Position, 2) TextBox12.Text = DataGrid2.Item(cm.Position, 3) ComboBox4.Text = DataGrid2.Item(cm.Position, 4) ComboBox5.Text = DataGrid2.Item(cm.Position, 5) TextBox14.Text = DataGrid2.Item(cm.Position, 6) TextBox13.Text = DataGrid2.Item(cm.Position, 7) ComboBox6.Text = DataGrid2.Item(cm.Position, 8) Label61.Text = DataGrid2.Item(cm.Position, 9) ComboBox8.Text = DataGrid2.Item(cm.Position, 10) TextBox15.Text = DataGrid2.Item(cm.Position, 11) If DataGrid2.Item(cm.Position, 15) = 0 Then CheckBox1.Checked = False Else CheckBox1.Checked = TrueTextBox23.Text = DataGrid2.Item(cm.Position, 15) ComboBox13.Text = DataGrid2.Item(cm.Position, 16) TextBox24.Text = DataGrid2.Item(cm.Position, 14) If DataGrid2.Item(cm.Position, 12) = "31.12.9999" Then CheckBox2.Checked = False Else CheckBox2.Checked = True DateTimePicker2.Text = DataGrid2.Item(cm.Position, 12) DateTimePicker3.Text = DataGrid2.Item(cm.Position, 13) End If End If

Dim sletdr As DataRow Dim i As Integer = 0 cm = CType(Me.BindingContext(prdctDataView), CurrencyManager) For Each sletdr In Prdctds1.products.Rows If sletdr.Item("barcode") = TextBox9.Text Then

DataGrid2.Select(i)

cm.Position = i

End If

i += 1

Next

ComboBox16.Enabled = False

TextBox12.Enabled = False

TextBox13.Enabled = False

TextBox14.Enabled = False

TextBox15.Enabled = False

ComboBox4.Enabled = False

ComboBox5.Enabled = False

ComboBox6.Enabled = False

ComboBox8.Enabled = False

Else

MsgBox("Product Was Not Found (Invalid Barcode)",

MessageBoxIcon.Error)

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub TextBox9_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox9.TextChanged

Me.AcceptButton = Button7

Button11.Enabled = False

```
Private Sub ComboBox14_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ComboBox14.SelectedIndexChanged
```

Me.AcceptButton = Button8

End Sub

```
Private Sub Button8_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button8.Click
```

If connctrl = 1 Then

If ComboBox14.Text = "" Then

MsgBox("Please Select A Product Type", MsgBoxStyle.Information) Exit Sub

End If

pc.ConnectionString = connstr

Dim typda As New SqlClient.SqlDataAdapter

typesrc.Parameters("@producttype").Value = ComboBox14.Text & "%"

typda.SelectCommand = typesrc

Prdctds1.products.Clear()

typda.Fill(Prdctds1.products)

cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)

If cm.Position < 0 Then

MsgBox("Product Was Not Found", MessageBoxIcon.Error) End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button11_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button11.Click

If connctrl = 1 Then

Dim i As Integer

i = MsgBox("Do You Want to Delete Product Realy", MsgBoxStyle.YesNo, "DELETE")

If i = 6 Then

pc.ConnectionString = connstr

Try

pc.Open()

Dim co As New SqlClient.SqlCommand

co.CommandText = "delete from products where (barcode=" &

TextBox9.Text & ")"

co.Connection = pc

co.ExecuteNonQuery()

MsgBox("Product Deleted Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

End If

pc.ConnectionString = connstr

Prdctds1.products.Clear()

listallproducts.Fill(Prdctds1.products)

TextBox9.Text = ""

ComboBox16.Text = ""

TextBox12.Text = ""

TextBox13.Text = ""

TextBox14.Text = ""

TextBox15.Text = ""

ComboBox14.Text = ""

ComboBox4.Text = ""

ComboBox5.Text = ""

ComboBox6.Text = ""

ComboBox8.Text = ""

CheckBox1.Checked = False
ComboBox16.Enabled = True TextBox12.Enabled = True TextBox13.Enabled = True TextBox14.Enabled = True TextBox15.Enabled = True ComboBox4.Enabled = True ComboBox5.Enabled = True ComboBox6.Enabled = True Button11.Enabled = False Button10.Enabled = False

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button10_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button10.Click

If connctrl = 1 Then

If ComboBox14.Text = "" Then

MsgBox("Please Select A Product Type", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@producttype").Value = ComboBox14.Text End If

If ComboBox16.Text = "" Then

MsgBox("Please Enter A Mark", MessageBoxIcon.Error)

Exit Sub

Else

productupdate.Parameters("@mark").Value = ComboBox16.Text End If

If TextBox12.Text = "" Then

MsgBox("Please Enter A Package Amount", MessageBoxIcon.Error) Exit Sub

Elself Not IsNumeric(TextBox12.Text) Then

MsgBox("Invalid Package Amount", MessageBoxIcon.Error)

Exit Sub

Else

productupdate.Parameters("@packageamount").Value = TextBox12.Text End If

If ComboBox4.Text = "" Then

MsgBox("Please Select A Package Unit", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@packageunit").Value = ComboBox4.Text End If

If ComboBox5.Text = "" Then

MsgBox("Please Select A Package Type", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@packagetype").Value = ComboBox5.Text End If

If TextBox14.Text = "" Then

MsgBox("Please Enter A Tax", MessageBoxIcon.Error)

Exit Sub

ElseIf Not IsNumeric(TextBox14.Text) Then

MsgBox("Invalid Tax Amount", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@tax").Value = TextBox14.Text End If

If TextBox13.Text = "" Then

MsgBox("Please Enter A Selling Price", MessageBoxIcon.Error) Exit Sub

ElseIf Not IsNumeric(TextBox13.Text) Then

MsgBox("Invalid Selling Price", MessageBoxIcon.Error)

Exit Sub

Else

productupdate.Parameters("@sellingprice").Value = TextBox13.Text End If

If ComboBox6.Text = "" Then

MsgBox("Please Select A Money Unit", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@moneyunit").Value = ComboBox6.Text End If

productupdate.Parameters("@taxcost").Value = Label61.Text

If TextBox15.Text = "" Then

MsgBox("Please Enter Stock Amount", MessageBoxIcon.Error) Exit Sub

ElseIf Not IsNumeric(TextBox15.Text) Then

MsgBox("Invalid Stok Amount", MessageBoxIcon.Error) Exit Sub

Else

```
productupdate.Parameters("@stock").Value = TextBox15.Text
```

End If

```
If ComboBox8.Text = "" Then
```

productupdate.Parameters("@location").Value = "-"

Else

productupdate.Parameters("@location").Value = ComboBox8.Text End If

productupdate.Parameters("@barcode").Value = TextBox9.Text Try

Dim i As Integer

i = MsgBox("Do You Want to Update Product Realy", MsgBoxStyle.YesNo, "UPDATE")

If i = 6 Then

pc.ConnectionString = connstr

pc.Open()

productupdate.ExecuteNonQuery()

MsgBox("Product Updated Successfully", MsgBoxStyle.Information) End If Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Finally pc.Close() End Try pc.ConnectionString = connstr Prdctds1.products.Clear() listallproducts.Fill(Prdctds1.products) prdctDataView.RowFilter = "barcode=" & TextBox9.Text spcctrl = 0 Else MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button18_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button18.Click
```

```
If connctrl = 1 Then
```

If DateTimePicker3.Value < DateTimePicker2.Value Then

```
MsgBox("Campaign Starting date Not Greater Then Campaign Finishing
```

date", MessageBoxIcon.Error)

Exit Sub

End If

Dim i As Integer

i = MsgBox("Do You Want to Make A Campaign Realy", MsgBoxStyle.YesNo, "CAMPAIGN")

If i = 6 Then

If CheckBox2.Checked = True And CheckBox1.Checked = True Then campaignupdate.Parameters("@startingdate").Value =

DateTimePicker2.Text

campaignupdate.Parameters("@finishingdate").Value =

DateTimePicker3.Text

ElseIf CheckBox1.Checked = False Then

campaignupdate.Parameters("@startingdate").Value = "31.12.9998"

campaignupdate.Parameters("@finishingdate").Value = "31.12.9998"

ElseIf CheckBox1.Checked = True And CheckBox2.Checked = False Then campaignupdate.Parameters("@startingdate").Value = DateTime.Today campaignupdate.Parameters("@finishingdate").Value = "31.12.9998"

End If

If TextBox23.Text = "" Then

MsgBox("Please Enter A Campaign Price Or Calculate",

MessageBoxIcon.Error)

Exit Sub

ElseIf Not IsNumeric(TextBox15.Text) Then

MsgBox("Invalid Campaignprice", MessageBoxIcon.Error) Exit Sub

Else

campaignupdate.Parameters("@campaignprice").Value = TextBox23.Text End If

If ComboBox13.Text = "" Then

MsgBox("Please Select A Money Unit", MessageBoxIcon.Error) Exit Sub

Else

campaignupdate.Parameters("@moneyunit").Value = ComboBox13.Text End If

```
If TextBox24.Text = "" Then
```

campaignupdate.Parameters("@notes").Value = "-"

Else

campaignupdate.Parameters("@notes").Value = TextBox24.Text End If

campaignupdate.Parameters("@barcode").Value = TextBox9.Text Try

pc.ConnectionString = connstr

pc.Open()

campaignupdate.ExecuteNonQuery()

MsgBox("Made Campaign Successfully", MsgBoxStyle.Information) Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

pc.ConnectionString = connstr

Prdctds1.products.Clear()

listallproducts.Fill(Prdctds1.products)

Dim slctdr As DataRow

Dim slcti As Integer = 0

cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)

For Each slctdr In Prdctds1.products.Rows

If slctdr.Item("barcode") = TextBox9.Text Then

DataGrid2.Select(slcti)

cm.Position = slcti

End If

slcti += 1

Next

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button17_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button17.Click

If connctrl = 1 Then

If DateTimePicker3.Value < DateTimePicker2.Value Then

MsgBox("Campaign Starting date Not Greater Then Campaign Finishing date", MessageBoxIcon.Error)

Exit Sub

End If

Dim i As Integer

i = MsgBox("Do You Want to Update Campaign Realy", MsgBoxStyle.YesNo, "CAMPAIGN")

If i = 6 Then

If CheckBox2.Checked = True And CheckBox1.Checked = True Then campaignupdate.Parameters("@startingdate").Value =

DateTimePicker2.Text

campaignupdate.Parameters("@finishingdate").Value =

DateTimePicker3.Text

ElseIf CheckBox1.Checked = False Then

campaignupdate.Parameters("@startingdate").Value = "31.12.9998"

campaignupdate.Parameters("@finishingdate").Value = "31.12.9998"

ElseIf CheckBox1.Checked = True And CheckBox2.Checked = False Then

campaignupdate.Parameters("@startingdate").Value = DateTime.Today

campaignupdate.Parameters("@finishingdate").Value = "31.12.9998"

End If

If TextBox23.Text = "" Then

MsgBox("Please Enter A Campaign Price Or Calculate",

MessageBoxIcon.Error)

Exit Sub

Elself Not IsNumeric(TextBox15.Text) Then

MsgBox("Invalid Campaignprice", MessageBoxIcon.Error)

Exit Sub

Else

campaignupdate.Parameters("@campaignprice").Value = TextBox23.Text End If

If ComboBox13.Text = "" Then

MsgBox("Please Select A Money Unit", MessageBoxIcon.Error)

Exit Sub

Else

campaignupdate.Parameters("@moneyunit").Value = ComboBox13.Text End If

```
If TextBox24.Text = "" Then
```

campaignupdate.Parameters("@notes").Value = "-"

Else

campaignupdate.Parameters("@notes").Value = TextBox24.Text End If

campaignupdate.Parameters("@barcode").Value = TextBox9.Text

Try

pc.ConnectionString = connstr

pc.Open()

campaignupdate.ExecuteNonQuery()

MsgBox("Campaign Updated Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

pc.ConnectionString = connstr

Prdctds1.products.Clear()

listallproducts.Fill(Prdctds1.products)

Dim slctdr As DataRow

Dim slcti As Integer = 0

cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)

For Each slctdr In Prdctds1.products.Rows

If slctdr.Item("barcode") = TextBox9.Text Then

DataGrid2.Select(slcti)

cm.Position = slcti

```
End If
```

```
slcti += 1
```

Next

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button16_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button16.Click

If connctrl = 1 Then

pc.ConnectionString = connstr

Dim i As Integer

i = MsgBox("Do You Want to Cancel Campaign Realy", MsgBoxStyle.YesNo, "CAMPAIGN")

If i = 6 Then

campaignupdate.Parameters("@startingdate").Value = "31.12.9998" campaignupdate.Parameters("@finishingdate").Value = "31.12.9998" campaignupdate.Parameters("@campaignprice").Value = 0 campaignupdate.Parameters("@moneyunit").Value = "-" campaignupdate.Parameters("@notes").Value = "-" campaignupdate.Parameters("@barcode").Value = TextBox9.Text

Try

pc.Open()

campaignupdate.ExecuteNonQuery()

MsgBox("Campaign Canceled Successfully", MsgBoxStyle.Information) Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

CheckBox1.Checked = False

Prdctds1.products.Clear()

listallproducts.Fill(Prdctds1.products)

Dim slctdr As DataRow

Dim slcti As Integer = 0

cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)

For Each slctdr In Prdctds1.products.Rows

If slctdr.Item("barcode") = TextBox9.Text Then

```
DataGrid2.Select(slcti)

cm.Position = slcti

End If

slcti += 1

Next

End If

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)
```

Me.Close()

End If

End Sub

```
Private Sub CheckBox3_CheckedChanged(ByVal sender As System.Object, ByVal e
```

```
As System.EventArgs) Handles CheckBox3.CheckedChanged
```

```
If CheckBox3.Checked = True Then
```

```
TextBox32.Enabled = True
```

TextBox32.Focus()

Else

```
TextBox32.Enabled = False
TextBox32.Text = ""
Dim total As Double = 0
Dim dr As DataRow
For Each dr In Bbillitems1.bbitems.Rows
total = total + dr.Item("price")
Next
Label48.Text = total
End If
End Sub
```

Private Sub LinkLabel12_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles LinkLabel12.LinkClicked

```
TabControl1.SelectedIndex = 0
```

End Sub

Private Sub Button13 Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button13.Click If connctrl = 1 Then Dim f5 As New Form5 f5.ShowDialog() If bsctrl = 0 Then Button25.Enabled = False Exit Sub End If Button25.Enabled = True TextBox16.Text = billnoDateTimePicker4.Text = bdate TextBox17.Text = firmidDim fc As New SqlClient.SqlConnection Dim fco As New SqlClient.SqlCommand Dim fname As String fc.ConnectionString = connstr fco.Connection = fcfco.CommandText = "select name from firmdat where (id=" & firmid & ")" fc.Open() fname = fco.ExecuteScalar fc.Close() TextBox18.Text = fnameTextBox19.Text = personid Dim prsnc As New SqlClient.SqlConnection Dim pco As New SqlClient.SqlCommand Dim pco1 As New SqlClient.SqlCommand Dim pname As String prsnc.ConnectionString = connstr pco.Connection = prsnc pco1.Connection = prsnc pco.CommandText = "select name from persondat where (id=" & personid & ")" pco1.CommandText = "select surname from persondat where (id=" & personid & ")"

)

prsnc.Open() pname = pco.ExecuteScalar & " " & pco1.ExecuteScalar prsnc.Close() TextBox20.Text = pname pc.ConnectionString = connstr Dim bida As New SqlClient.SqlDataAdapter selectbillitems.Parameters("@billno").Value = billno bida.SelectCommand = selectbillitems Bbillitems1.bbitems.Clear() bida.Fill(Bbillitems1.bbitems) Label 45.Text = totaltaxcostLabel46.Text = moneyunit Label 48.Text = totalLabel47.Text = moneyunit If discount = 0 Then CheckBox3.Checked = FalseTextBox32.Text = discountElse CheckBox3.Checked = True TextBox32.Text = discountEnd If bsctrl = 0

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub DataGrid3_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid3.CurrentCellChanged cm = CType(Me.BindingContext(bbitemdw), CurrencyManager)

DataGrid3.Select(cm.Position) End Sub

```
Private Sub DataGrid2_CurrentCellChanged(ByVal sender As Object, ByVal e As
System. EventArgs) Handles DataGrid2. CurrentCellChanged
    cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)
    DataGrid2.Select(cm.Position)
```

End Sub

```
Private Sub Button19_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button19.Click
```

```
If connctrl = 1 Then
  Dim f6 As New Form6
  f6.ShowDialog()
  TextBox17.Text = fid
  TextBox18.Text = firmname
```

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

```
Me.Close()
  End If
End Sub
```

```
Private Sub TabPage4 MouseMove(ByVal sender As Object, ByVal e As
System.Windows.Forms.MouseEventArgs) Handles TabPage4.MouseMove
    If TextBox19.Text = "" Or TextBox20.Text = "" Then
      TextBox19.Text = pid
      TextBox20.Text = pname & " " & surname
    End If
  End Sub
```

Private Sub Button12_Click(ByVal sender As System.Object, ByVal e Assi System.EventArgs) Handles Button12.Click E LIBRARY F

If connctrl = 1 Then

Dim f7 As New Form7 f7.ShowDialog() TextBox21.Text = barcode TextBox22.Text = producttype TextBox25.Text = mark TextBox26.Text = packageamount TextBox27.Text = packageunit TextBox28.Text = packagetype

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close() End If End Sub

```
Private Sub TextBox30_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox30.TextChanged
If TextBox29.Text = "" Or TextBox30.Text = "" Or Not
IsNumeric(TextBox30.Text) Then
Exit Sub
End If
Dim price As Double
Dim vad As Double
Dim vad cost As Double
price = TextBox29.Text
vad = TextBox29.Text
vad = (vad / 100) + 1
vadcost = price - (price / vad)
TextBox33.Text = Math.Round(vadcost, 2)
```

End Sub

Private Sub TextBox29_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox29.TextChanged

If TextBox29.Text = "" Or TextBox30.Text = "" Or Not IsNumeric(TextBox30.Text) Then Exit Sub End If Dim price As Double Dim vad As Double Dim vadcost As Double price = TextBox29.Text vad = TextBox30.Text vad = (vad / 100) + 1 vadcost = price - (price / vad) TextBox33.Text = Math.Round(vadcost, 2) End Sub

Private Sub Button26_Click(ByVal sender As System.Object, ByVal e As

System.EventArgs) Handles Button26.Click

TextBox16.Text = "" DateTimePicker4.Text = "" TextBox17.Text = "" TextBox18.Text = "" TextBox19.Text = "" TextBox20.Text = "" TextBox21.Text = "" TextBox22.Text = "" TextBox25.Text = "" TextBox26.Text = "" TextBox27.Text = "" TextBox28.Text = "" TextBox29.Text = "" ComboBox7.Text = "" TextBox30.Text = "" TextBox31.Text = "" TextBox33.Text = "" CheckBox3.Checked = False TextBox32.Text = "" Label46.Text = "" Label47.Text = "" Label45.Text = 0 Label48.Text = 0 Bbillitems1.bbitems.Clear() Button25.Enabled = False End Sub

```
Private Sub Button21_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button21.Click
    If connctrl = 1 Then
      Dim dr As DataRow
      dr = Bbillitems1.bbitems.NewRow
      If TextBox16.Text = "" Then
         MsgBox("Please Enter A Bill No", MessageBoxIcon.Error)
         TextBox16.Focus()
         Exit Sub
       Else
         dr.Item("billno") = TextBox16.Text
       End If
       If TextBox21.Text = "" Then
         MsgBox("Please Enter A Barcode", MessageBoxIcon.Error)
         TextBox21.Focus()
         Exit Sub
       Else
         dr.Item("barcode") = TextBox21.Text
         dr.Item("producttype") = TextBox22.Text
         dr.Item("mark") = TextBox25.Text
         dr.Item("packageamount") = TextBox26.Text
         dr.Item("packageunit") = TextBox27.Text
         dr.Item("packagetype") = TextBox28.Text
       End If
       If TextBox31.Text = "" Then
```

```
MsgBox("Please Enter Amount", MessageBoxIcon.Error)
  TextBox31.Focus()
  Exit Sub
Else
  dr.Item("amount") = TextBox31.Text
End If
If TextBox30.Text = "" Then
  MsgBox("Please Enter VAD as Percent", MessageBoxIcon.Error)
  TextBox30.Focus()
  Exit Sub
Else
  dr.Item("tax") = TextBox30.Text
End If
If TextBox29.Text = "" Then
  MsgBox("Please Enter A Price", MessageBoxIcon.Error)
  TextBox29.Focus()
  Exit Sub
Else
  dr.Item("price") = TextBox29.Text
End If
If ComboBox7.Text = "" Then
  MsgBox("Please Select A Moneyunit", MessageBoxIcon.Error)
  ComboBox7.Focus()
  Exit Sub
Else
  dr.Item("moneyunit") = ComboBox7.Text
End If
dr.Item("taxcost") = TextBox33.Text
Bbillitems1.bbitems.Rows.Add(dr)
cm = CType(Me.BindingContext(bbitemdw), CurrencyManager)
cm.Position = cm.Count - 1
Dim ttaxcost As Double
Dim total As Double
ttaxcost = Label 45.Text
```

total = Label48.Text

Label45.Text = Math.Round(ttaxcost + TextBox33.Text, 2) Label48.Text = Math.Round(total + TextBox29.Text, 2) Label46.Text = ComboBox7.Text Label47.Text = ComboBox7.Text TextBox20.Text = "" TextBox21.Text = "" TextBox22.Text = "" TextBox25.Text = "" TextBox26.Text = ""

TextBox28.Text = ""

TextBox29.Text = ""

TextBox30.Text = ""

TextBox31.Text = ""

TextBox33.Text = ""

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button22_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button22.Click

If connctrl = 1 Then

If cm.Position ≥ 0 Then

If CheckBox3.Checked = True And TextBox32.Text <> "" Then MsgBox("You Must Cancel Discouunt Before Item Remove", MessageBoxIcon.Error)

Exit Sub

End If

cm = CType(Me.BindingContext(bbitemdw), CurrencyManager)
Dim ttaxcost As Double

Dim total As Double

ttaxcost = Label45.Text

total = Label48.Text

Label45.Text = Math.Round(ttaxcost - DataGrid3.Item(cm.Position, 11), 2)

```
Label48.Text = Math.Round(total - DataGrid3.Item(cm.Position, 9), 2)
```

Bbillitems1.bbitems.Rows.RemoveAt(cm.Position)

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub TextBox32_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox32.TextChanged
```

If TextBox32.Text = "" Or Not IsNumeric(TextBox32.Text) Or

CheckBox3.Checked = False Then

Dim ototal As Double = 0

Dim odr As DataRow

For Each odr In Bbillitems1.bbitems.Rows

```
ototal = ototal + odr.Item("price")
```

Next

Label48.Text = ototal

Exit Sub

End If

Dim total As Double = 0

Dim taxcost As Double = 0

Dim discountamount As Double

Dim dr As DataRow

For Each dr In Bbillitems1.bbitems.Rows

```
total = total + dr.Item("price")
```

```
taxcost = taxcost + dr.Item("taxcost")
```

Next

```
discountamount = ((Math.Round(total - taxcost, 2)) * (TextBox32.Text / 100))
Label48.Text = (Math.Round(Math.Round(total - taxcost, 2) - discountamount, 2))
+ taxcost
```

End Sub

```
Private Sub Button23 Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button23.Click
    If connctrl = 1 Then
       If TextBox16.Text = "" Then
         MsgBox("Please Enter A Bill No", MessageBoxIcon.Error)
         TextBox16.Focus()
         Exit Sub
       Else
         bbilladd.Parameters("@billno").Value = TextBox16.Text
       End If
       bbilladd.Parameters("@bdate").Value = DateTimePicker4.Text
       If TextBox17.Text = "" Then
         MsgBox("Please Enter A Firm", MessageBoxIcon.Error)
         TextBox17.Focus()
         Exit Sub
       Else
         bbilladd.Parameters("@firmid").Value = TextBox17.Text
       End If
```

bbilladd.Parameters("@personid").Value = TextBox19.Text bbilladd.Parameters("@totaltaxcost").Value = Label45.Text bbilladd.Parameters("@total").Value = Label48.Text bbilladd.Parameters("@moneyunit").Value = Label47.Text If TextBox32.Text = "" Then bbilladd.Parameters("@discount").Value = 0 Else

bbilladd.Parameters("@discount").Value = TextBox32.Text End If

'firm account save

faccountsave.Parameters("@date").Value = DateTimePicker4.Value

faccoun	tsave.Parameters("@firmid").Value = 0
faccoun	tsave.Parameters("@billno").Value = TextBox16.Text
faccoun	tsave.Parameters("@recipientfirmid").Value = TextBox17.Text
faccoun	tsave.Parameters("@recipientfirm").Value = TextBox18.Text
faccoun	atsave.Parameters("@dept").Value = Label48.Text
faccoun	tsave.Parameters("@payment").Value = 0
faccoun	ntsave.Parameters("@moneyunit").Value = Label47.Text
Try	
pc.Co	onnectionString = connstr
pc.Oj	pen()
bbilla	add.ExecuteNonQuery() 'buyying bill add
facco	ountsave.ExecuteNonQuery() 'firm account save
Dim	incdr As DataRow
cm =	CType(Me.BindingContext(bbitemdw), CurrencyManager)
cm.P	Position = 0
For H	Each incdr In Bbillitems1.bbitems.Rows
'bi	llitems add
bb	itemsadd.Parameters("@billno").Value = DataGrid3.Item(cm.Position,
0)	
bb	itemsadd.Parameters("@barcode").Value = DataGrid3.Item(cm.Position,
1)	
bb	itemsadd.Parameters("@amount").Value = DataGrid3.Item(cm.Position,
7)	
bb	itemsadd.Parameters("@tax").Value = DataGrid3.Item(cm.Position, 8)
bb	vitemsadd.Parameters("@price").Value = DataGrid3.Item(cm.Position, 9)
bb	itemsadd.Parameters("@moneyunit").Value =
DataGrid3.Iten	n(cm.Position, 10)
bb	vitemsadd.Parameters("@taxcost").Value = DataGrid3.Item(cm.Position,
11)	
bb	vitemsadd.ExecuteNonQuery()
'in	creace stock
Di	im sco As New SqlClient.SqlCommand
Di	im stock As Double
SC	o.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _ DataGrid3.Item(cm.Position, 1) & ")" stock = sco.ExecuteScalar() stock = stock + DataGrid3.Item(cm.Position, 7) Dim co As New SqlClient.SqlCommand co.Connection = pcco.CommandText = "update products set stock=" & stock & _ "where (barcode=" & DataGrid3.Item(cm.Position, 1) & ")" co.ExecuteNonQuery() 'calculate selling price Dim i As Integer 'find real stok (stock - DataGrid3.Item(cm.Position, 7)) 'find stock amount before not increace If stock - DataGrid3.Item(cm.Position, 7) > 0 Then $i = MsgBox("There Are " \& stock - DataGrid3.Item(cm.Position, 7) \& _$ "-" & DataGrid3.Item(cm.Position, 1) & " -" & DataGrid3.Item(cm.Position, 3) & _ " -" & DataGrid3.Item(cm.Position, 4) & " -" & DataGrid3.Item(cm.Position, 5) & "-" & DataGrid3.Item(cm.Position, 6) & "in Stock" & _ "In Do You Want To Change Selling Price With New Calculated Selling Price", MsgBoxStyle.YesNo, "Change Selling Price") Else

Eise

i = 6

End If

If i = 6 Then

'calculate selling price according to setting formula

Dim sp As Double = 0

Dim wt As Double = 0

Dim utc As Double = 0

Dim total As Double = 0

Dim taxcost As Double = 0

total = incdr.Item("price")

taxcost = incdr.Item("taxcost")

```
wt = Math.Round((total - taxcost) / incdr.Item("amount"), 2)
'read formula from data base
Dim spcco As New SqlClient.SqlCommand
Dim spcda As New SqlClient.SqlDataAdapter
Dim spcds As New DataSet
spcco.Connection = pc
spcco.CommandText = "select * from sellingpricecalc"
spcda.SelectCommand = spcco
spcds.Clear()
spcda.Fill(spcds, "sp")
Dim spcdr As DataRow
Dim pq As Integer = 0
'apply the formula
For Each spcdr In spcds.Tables("sp").Rows
  If spcdr.Item("p1") = "%" Then
     sp = Math.Round(wt * spcdr.Item("p1a"), 2)
     pq = 1
  End If
  If spcdr.Item("p1") = "+" Then
     sp = Math.Round(wt + spcdr.Item("p1a"), 2)
     pq = 1
  End If
  If pq = 1 And spcdr.Item("p2") = "+" Then
     sp = Math.Round(sp + spcdr.Item("p2a"), 2)
  End If
  If pq = 1 And spcdr.Item("p2") = "%" Then
     sp = Math.Round(sp * spcdr.Item("p2a"), 2)
  End If
  If pq = 0 And spcdr.Item("p2") = "+" Then
     sp = Math.Round(wt + spcdr.Item("p2a"), 2)
  End If
  If pq = 0 And spcdr.Item("p2") = "%" Then
     sp = Math.Round(wt * spcdr.Item("p2a"), 2)
  End If
```

Next

utc = Math.Round(taxcost / incdr.Item("amount"), 2)
sp = Math.Round(sp + utc, 2)
'converter (convert x,x to x.x) to sql server
Dim cntr As Integer = 0
Dim nsp As String = ""
Dim nutc As String = ""
While (cntr < sp.ToString.Length)
If sp.ToString.Chars(cntr) = "," Then
 nsp = nsp + "."
Else
 nsp += sp.ToString.Chars(cntr)
End If
 cntr += 1
End While</pre>

cntr = 0

While (cntr < utc.ToString.Length)
If utc.ToString.Chars(cntr) = "," Then
 nutc = nutc + "."
Else
 nutc += utc.ToString.Chars(cntr)
End If</pre>

```
cntr += 1
```

End While

'converter end (price convert x,x to x.x for accept command by sql

query)

Dim spuco As New SqlClient.SqlCommand

spuco.Connection = pc

spuco.CommandText = "update products set sellingprice=" & nsp & _

", taxcost=" & nutc & _

", tax=" & DataGrid3.Item(cm.Position, 8) & _____

"where(barcode=" & DataGrid3.Item(cm.Position, 1) & ")"

spuco.ExecuteNonQuery()

End If

cm.Position += 1

Next

MsgBox("Save Bill Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

If ex.Number = 2627 Then

MsgBox("Already Exist Bill With This Bill No", MessageBoxIcon.Error) Else

MsgBox(ex.Message & " (" & ex.Number & ")")

End If

Finally

pc.Close()

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub ComboBox7_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ComboBox7.SelectedIndexChanged
```

```
Label46.Text = ComboBox7.Text
```

Label47.Text = ComboBox7.Text

End Sub

```
Private Sub Button24_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button24.Click
pc.ConnectionString = connstr
If connctrl = 1 Then
If TextBox16.Text = "" Then
MsgBox("Please Select A Bill No", MessageBoxIcon.Error)
TextBox16.Focus()
Exit Sub
```

End If Dim ic As Integer ic = MsgBox("Do You Want to Update Buyying Bill Realy", MsgBoxStyle.YesNo, "UPDATE") If ic \sim 6 Then Exit Sub

End If

Dim cdr As DataRow

cm = CType(Me.BindingContext(bbitemdw), CurrencyManager)

cm.Position = 0

For Each cdr In Bbillitems1.bbitems.Rows

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

DataGrid3.Item(cm.Position, 1) & ")"

pc.Open()

stock = sco.ExecuteScalar()

pc.Close()

Dim biac As New SqlClient.SqlCommand Dim bia As Double

biac.Connection = pc

biac.CommandText = "select amount from bbitems where (billno=" & _

DataGrid3.Item(cm.Position, 0) & "and barcode=" &

DataGrid3.Item(cm.Position, 1) & _

")"

pc.Open()
bia = biac.ExecuteScalar()

pc.Close()

If stock - bia < 0 Then

MsgBox("You Have Not Enaugh Stok For Update", MessageBoxIcon.Error) Exit Sub End If cm.Position += 1Next cm.Position = 0Dim dr As DataRow For Each dr In Bbillitems1.bbitems.Rows 'Product Stock Update 'find now product's stok Dim sco As New SqlClient.SqlCommand Dim stock As Double sco.Connection = pc sco.CommandText = "select stock from products where (barcode=" & _ DataGrid3.Item(cm.Position, 1) & ")" pc.Open() stock = sco.ExecuteScalar() pc.Close() 'find old added stok Dim biac As New SqlClient.SqlCommand Dim bia As Double biac.Connection = pcbiac.CommandText = "select amount from bbitems where (billno=" & _ DataGrid3.Item(cm.Position, 0) & "and barcode=" & DataGrid3.Item(cm.Position, 1) & _ ")" pc.Open() bia = biac.ExecuteScalar() pc.Close() 'update Product' s Stok Dim ups As New SqlClient.SqlCommand ups.Connection = pc

ups.CommandText = "update products set stock=" & stock - bia & _ "where (barcode=" & DataGrid3.Item(cm.Position, 1) & ")" pc.Open() ups.ExecuteNonQuery() pc.Close() 'increase product stock Dim rsco As New SqlClient.SqlCommand Dim rstock As Double rsco.Connection = pcrsco.CommandText = "select stock from products where (barcode=" & _ DataGrid3.Item(cm.Position, 1) & ")" pc.Open() rstock = rsco.ExecuteScalar() pc.Close() Dim ips As New SqlClient.SqlCommand ips.Connection = pc ips.CommandText = "update products set stock=" & rstock + DataGrid3.Item(cm.Position, 7) & _ "where (barcode=" & DataGrid3.Item(cm.Position, 1) & ")" pc.Open() ips.ExecuteNonQuery() pc.Close() 'finish product's Stock update 'update buying bill items Dim bbida As New SqlClient.SqlDataAdapter 'bbida = buying bill item data adapter Dim bbico As New SqlClient.SqlCommand Dim bbids As New DataSet bbico.Connection = pc bbico.CommandText = "select * from bbitems where billno=" &

TextBox16.Text

bbida.SelectCommand = bbico

bbids.Clear()

bbida.Fill(bbids, "cbbi")

Dim bbidr As DataRow

For Each bbidr In bbids.Tables("cbbi").Rows

If bbidr.Item("barcode") = DataGrid3.Item(cm.Position, 1) Then 'buying bill items update

bbitemsupdate.Parameters("@billno").Value =

DataGrid3.Item(cm.Position, 0)

bbitemsupdate.Parameters("@barcode").Value =

DataGrid3.Item(cm.Position, 1)

bbitemsupdate.Parameters("@amount").Value =

DataGrid3.Item(cm.Position, 7)

bbitemsupdate.Parameters("@tax").Value =

DataGrid3.Item(cm.Position, 8)

bbitemsupdate.Parameters("@price").Value =

DataGrid3.Item(cm.Position, 9)

```
bbitemsupdate.Parameters("@moneyunit").Value =
```

DataGrid3.Item(cm.Position, 10)

bbitemsupdate.Parameters("@taxcost").Value =

DataGrid3.Item(cm.Position, 11)

Try

```
pc.Open()
```

bbitemsupdate.ExecuteNonQuery()

Exit For

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

Else

'buying bill items add

bbitemsadd.Parameters("@billno").Value = DataGrid3.Item(cm.Position,

```
bbitemsadd.Parameters("@barcode").Value =
```

DataGrid3.Item(cm.Position, 1)

bbitemsadd.Parameters("@amount").Value =

DataGrid3.Item(cm.Position, 7)

bbitemsadd.Parameters("@tax").Value = DataGrid3.Item(cm.Position, 8) bbitemsadd.Parameters("@price").Value = DataGrid3.Item(cm.Position,

9)

```
bbitemsadd.Parameters("@moneyunit").Value =
```

DataGrid3.Item(cm.Position, 10)

```
bbitemsadd.Parameters("@taxcost").Value =
```

DataGrid3.Item(cm.Position, 11)

Try

pc.Open() bbitemsadd.ExecuteNonQuery() Exit For Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try End If

'calculate selling price

Dim i As Integer

Next

If stock - bia > 0 Then

i = MsgBox("There Are " & stock & _

```
" -" & DataGrid3.Item(cm.Position, 1) &
```

```
"-" & DataGrid3.Item(cm.Position, 3) &
```

"-" & DataGrid3.Item(cm.Position, 4) &

" -" & DataGrid3.Item(cm.Position, 5) & _

" -" & DataGrid3.Item(cm.Position, 6) & "in Stock" &

"\n Do You Want To Change Selling Price With New Calculated Selling Price", MsgBoxStyle.YesNo, "Change Selling Price")

Else

i = 6

End If

If i = 6 Then

'calculate selling price according to setting formula

Dim sp As Double = 0

Dim wt As Double = 0

Dim utc As Double = 0

Dim total As Double = 0

Dim taxcost As Double = 0

total = dr.Item("price")

taxcost = dr.Item("taxcost")

wt = Math.Round((total - taxcost) / dr.Item("amount"), 2)

'read formula from data base

Dim spcco As New SqlClient.SqlCommand

Dim spcda As New SqlClient.SqlDataAdapter

Dim spcds As New DataSet

spcco.Connection = pc

spcco.CommandText = "select * from sellingpricecalc"

spcda.SelectCommand = spcco

spcds.Clear()

spcda.Fill(spcds, "sp")

Dim spcdr As DataRow

Dim pq As Integer = 0

'apply the formula

For Each spcdr In spcds.Tables("sp").Rows

If spcdr.Item("p1") = "%" Then

sp = Math.Round(wt * spcdr.Item("p1a"), 2)

pq = 1

End If

If spcdr.Item("p1") = "+" Then

sp = Math.Round(wt + spcdr.Item("p1a"), 2)

NEAR EAST UNIVERSITY

Faculty of Engineering

Department of Computer Engineering

SUPERMARKET DELIVERY AUTOMATION SYSTEM

Graduation Project COM – 400

Student:

Eren Erdoğan

Supervisor:

Ümit Soyer

Nicosia - 2008

ACKNOWLEDGEMENTS

First, I would like to thank my supervisor Ümit Soyer for his invaluable advice and belief in my work and my self over the course of the graduation Project.

Second, I like to express my gratitude to Near East University for scholarship that made the work possible.

Third, 1 thank my family for their constant encouragment and support during the preparation of this project.

Finnally, I would also like to thank all my friends for their advice and support.

i

ABSTRACT

The aim of this Project is to record the stocks of products, makes sale and purchase, record accounts of firms, makes accounting, briefly this project manages the supermarket automation. The program was prepared by using microsoft visual basic.Net in microsoft visual studio.NET 2003 programming and using SQL server 2000 as database.

This project consist of many different pages but most of them depended each other Initially, connection to database form comes to screen. Afterwards the sign in form and then main form of Properties Company comes to screen. Home page in main menu guides you to see the other menus.

This program is practical and useful in the supermarkets. It can be modified with the new developments and requirements of people in the technology in future. The program must be clear and easy to learn for users, hence it can be acceptable widely.

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LIST OF ABBREVIATIONS

VB.NET	Visual Basic.NET
SQL	Structured Query Language
OOP	Object Oriented Programing
SDACS	Spermarket Delivery automatin system
GUI	Graphical User Interface
API	Application Programing Interface
VSAM	Virtual Storage Access Method
ANSI	American National Standart Institute

INTRODUCTION

Visual Basic.NET is a Microsoft-created object-oriented programming language which incorporates features of Microsoft's .NET Framework and Web Services, such as SOAP, which were originally developed using XML.

Visual Basic.NET uses punctuation in its basic syntax to make the program easily readable and to help the compiler sort the code. The main reason for this is so that any programmer can read your code and easily understand what you are doing, because they write their code like you write yours.

The project consist of the introduction, abstract, four chapters ,conclusion.

- Chapter one describes Basic Concept of Visual Basic.NET
- Chapter two describes the SQL server 2000.
- Chapter three explain Supermarket Delivery Automation Control System by Using Visual Basic.NET.

1

• Cheapter four explain sql tables and stored procedure.

CHAPTER ONE: MICROSOFT VUSUAL BASIC.NET IN MICROSOFT VISUAL STUDIO.NET 2003

1.1. Description Of Visual Basic.NET

VB .NET is a version of Microsoft's Visual Basic that was designed, as part of the company's .NET product group, to make Web services applications easier to develop. According to Microsoft, VB .NET was reengineered, rather than released as VB 6.0 with added features, to facilitate making fundamental changes to the language. VB.NET is the first fully object-oriented programming (OOP) version of Visual Basic, and as such, supports OOP concepts such as abstraction, inheritance, polymorphism, and aggregation.

Visual Basic.NET is a Microsoft-created object-oriented programming language which incorporates features of Microsoft's .NET Framework and Web Services, such as SOAP, which were originally developed using XML.

Visual Basic.NET, which thought would be a "sequel" to Visual Basic 6.0, has a totally different language core. There is no backward nor forward compatibility between Visual Basic 6.0 projects and code and Visual Basic.NET projects and code. Visual Basic.NET is a language designed to create .NET applications, Windows or Web applications, and Web Services. (Except for short Windows applications, these are topics beyond a first semester programming class.)

1.1.1. Object-Oriented Programming(OOP)

The developers of the language incorporated object-oriented programming (OOP) features such as inheritance, method overloading, organized exception handling, and free threading to make Visual Basic a powerful object-oriented programming language. (Prior versions were extensible from the very beginning.) The newer objectoriented programming (OOP) features of Visual Basic.NET are not usually covered in a first semester programming class.

1.1.2. Graphical User Interface(GUI)

With Visual Basic.NET a student can drag objects from the Toolbox into the Work area, specify the Properties and behavior of each object and thereby create business applications while learning the programming principles taught during most short Introduction to Visual Basic.NET programming courses.The student will not have to deal with trying to program the user interface using code.

2

1.1.3. Windows API

There is abstraction of the hardware, meaning that a programmer of Visual Basic.NET does not have to know about the inner workings of the hardware because Windows handles the functionality of the hardware, provides generic routines (Windows API, or Application Programming Interface) to communicate with hardware drivers provided by hardware manufacturers.

1.2. History of Visual Basic

- Before Visual Basic: C and C++ were used to create Windows applications and this was a complicated process.
- 1991 Microsoft released Visual Basic 1.0; Programmers could "draw" upon their own User Interface. Business problems could be solved with the quickly created application. Code was written by the programmer to react to user events (how a user responded to objects on the User Interface).
- Nov 1992 Visual Basic 2: Included a Professional Edition, MDI Forms, ODBC, and object variables.
- June 1993 Visual Basic 3: Enabled the building of database applications with Data Access Objects (DAO); OLE Automation and the Jet (Access Engine).
- Oct 1996 Visual Basic 4: Introduced classes, OXC's, and allowed programmers to create their own add-ins.
- April 1997 Visual Basic 5: Programmers could target features of Windows 95.
 Added a compiler and the ability for a programmer to create ActiveX Controls.
- Oct 1998 Visual Basic 6: Introduced ActiveX Data Objects (ADO) to manipulate data, create data sources. This was to help programmers use Active Server Pages to access database objects. (VB6 was included with Visual Studio 6.0)
- Feb 2002 Visual Basic.NET 2003 (and Visual Studio 2003)

CHAPTER TWO: SQL SERVER 2000

2.1. Description of SQL server 2000

SQL Server 2000 comes with far more than just the usual RDBMS – it has additional components that would, for many products, be sold entirely separately or with add-on pricing. Instead, Microsoft has seen fit to toss in these extras at no additional charge.

2.2. A Brief History of Databases

SQL Server is an **RDBMS** – or **Relational Database Management System**. RDBMS systems are at the pinnacle of their popularity at the moment. Using an RDBMS as the basis for data storage is plainly "the way it's done" for most applications nowadays – but it wasn't always this way.

2.2.1. Types of Databases

Databases are not just limited to the computer-based systems that we typically think about when we hear the term – they are much, much more. A database is really any collection of organized data. Even Webster's dictionary puts a qualifier on any computer notion:

Database: A usually large collection of data organized especially for rapid search and retrieval (as by a computer).

The file drawers in your office are really something of a database (that is, if they are better organized than mine at home). In fact, databases have existed throughout most of the history of the "civilized" world, going back to the days of the early philosophers and academics (Socrates, Aristotle, Hippocrates, etc.).

That being said, there's a reason why databases are so closely associated with computers. It's because, for most database situations (virtually, but not quite, all of them), computers are simply the fastest and most efficient way to store data. Indeed, the term database is thought to have originated from the

computing community in 1962 or so.

Databases, then, fall into a number of common categories:

• <u>Paper-based</u>: These, although often not thought of as databases, probably still make up the largest proportion of databases in the world today. There are literally billions and billions of tons of paper out there that are still meticulously organized, but haven't been anywhere near a computer.

- Legacy mainframe often VSAM (Virtual Storage Access Method) common to IBM mainframes) databases: Don't underestimate the number of legacy mainframes still out there, and their importance. Connectivity to host systems and the vast amounts of data they stil contain is one of the major opportunity areas in database and systems development today. There are still many situations where I recommend a host system solution rather than a clientserver or webbased model. It's worth noting though that I still believe in using a true RDBMS albeit one that's located on a host system. dBase and other file-based databases: Typically, these include any of the older Indexed
- Sequential Access Method or ISAM databases. These normally use a separate file for each table, but the ISAM name comes from the physical way the data is stored and accessed more than anything else. Examples of ISAM databases that are still in widespread legacy use and even in some new developments in certain cases include dBase, FoxPro, Excel, Paradox, and Access. (Yes, Access is an ISAM with a relational feel and several relational features it is not, however, a true relational database system.) These systems had most of their heyday well before RDBMS systems. (There is something of a paradox in this since RDBMS systems appeared first.) These systems are still quite often great for small, stand-alone databases where you will never have more than a small number of users accessing the data at a time.
- RDBMS systems: Data for the masses, but with much better data integrity. These systems do more than just store and retrieve data. They can be thought of as actually caring for the integrity of the data. Whereas VSAM and ISAM databases typically store data very well, the database itself has no control over what goes in and out (OK, Access has some, but not like a true RDBMS). The programs that use the database are responsible for implementing any data integrity rules. If five programs are accessing the data, you'd better make sure that they are all programmed correctly. RDBMS systems, on the other hand, take the level of responsibility for data integrity right down to the database level. You still want your programs to know about the data integrity rules to avoid getting errors from the database, but the database now takes some of the responsibility itself and the data is much safer.
- **Object-oriented databases**: These have been around for a while now, but are only recently beginning to make a splash. They are really a completely different

way of thinking about your data and, to date, have only found fairly specialized use. Examples would be something similar to a document management system. Instead of storing the document in several tables, the document would be stored as a single object, and would have properties whose state would be maintained. ODBMS systems often provide for such object-oriented concepts as inheritance and encapsulation. RDBMS systems are clearly king these days. They are designed from the ground up with the notion that they are not going to be working with just one table that has it all, but with data that relates to data in completely different tables. They facilitate the notion of combining data in many different ways. They eliminate the repetitive storage of data and increase speed in transactional environments.

2.3. The Evolution of Relational Databases

E.F. Codd of IBM first introduced the principles behind relational database structures and a Structured English QUEry Language – or SEQUEL – back in the late 1960's (the name was later shortened to just Structured Query Language or SQL). The concept was actually pretty simple – increase data integrity and decrease costs by reducing repetitive data as well as other database problems that were common at the time. Nothing really happened in the elational world as far as a real product was concerned until the mid to late 70's, though. round that time, companies such as Oracle and Sybase became the first to create true relational database systems. It might surprise you to learn that these systems got their start in mainframe

– not client-server – computing. These systems offered a new way of looking at database architecture and, since they ran on multiple platforms, they also often offered a higher potential for sharing data across multiple systems.

In the 80's, the American National Standards Institute (ANSI) finally weighed in with a specification for SQL, and ANSI-SQL was born. This was actually a key moment in RDBMS computing because it meant that there would be better compatibility between vendors. That, in turn, meant that more of the expertise built up in one RDBMS was also usable in a competing system. This has greatly aided the process of trying to increase the number of developers in the SQL community. The ANSI specification called for several different levels of compliance. Most of the major RDBMS products available today are classified as being Entry-Level ANSI compliant (like SQL Server, for example). Entry-level ANSI

compliance means that a database meets the basic defined ANSI standards for the SQL syntax.

Microsoft SQL Server (referred to in this book as simply SQL Server) was originally born from Sybase SQL Server (referred to in this book simply as Sybase). Microsoft partnered with Sybase in 1989 to develop a version of SQL Server for, of all things, OS/2. SQL Server was migrated to Windows NT back in 1993 with version 4.2. The relationship ended with the release of version 6.0. From 6.5 forward, SQL Server has been a Microsoft-only product. The highly successful version 7.0 was essentially a complete rewrite of the product and was the first version available for Windows 9x (there was now virtually no Sybase code left in SQL Server). Finally, we reach today's version – SQL Server 2000. While there are unmistakable similarities, there are now substantial differences in implementation and feature support between version 4.21 (the oldest version you're actually likely to find installed somewhere) and version 2000. Version 6.0 added such details as cursor support. Version 6.5 added distributed transactions, replication, and ANSI compatibility. The rewrite with version 7.0 enabled the loss of problem areas such as the devices defined for data storage.

CHAPTER THREE: SDACS (SUPERMAKET DELIVERY OUTOMATION CONTROL SYSTEM)

3.1. Connection Form

This form using for connection of database while enter the server name and database name. The connection form is show in Figure 3.1.

	Connection	
DATABASE NAME		
Connect	Disconnect	Close

Figure 3.1. Connection Form

3.1.1. Create Form

Create new form (first form create outomaticly) and add one groupbox, two label, two textbox, three button, progressbar, notifyicon and contextmenu from toolbox tool.

3.1.2. Form Properties

Set the properties text, acceptbutton, cancelbutton, controlbox, showintaskbar of form from properties window as follows:

Text = Connection Acceptbuuton = button1 Cancelbutton = button2 Controlbox = false Showintaskbar = false

3.1.3. Create Modul

Add new modul into project at name of connectionmodule. And identify public variable at name of connstr. Use following code.

Public connstr As String

3.1.4. Connect Button

When the press connect button after entering the server and database name, button apply the code of connection in button click events. Control the entering data. If not enter any info, send warning massege to client. Create database connection string according to entering data. And open the database connection. If connect the server, make 1(one) 'connstr' public variable and load login form else send catch error massege.

3.1.5. Disconnect Button

'Connstr' public variable make 0(zero) when the press button in button click event. And set the any properties.

3.1.6. Close Button

Hide connection form when press this button. Use following code in button click event.

Me.Hide()

3.1.7. Notify Icon and Context Menu

Use notifyicon for doing application which working on system tray. And add context menu from toolbox tool. Add items show connection bar, sign in, exit in context menu. Set notify icon properties of context menu select as this context menu. And add following codes.

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3.2 Login Form

Using this form for login to program. When enter client id and password, if client id and password combination is true, load users interface according to client statue. Form is shown in figure 3.2.

Login
Sign In

Figure 3.2. Login Form

3.2.1. Create Form

Add new form into project. Put two label, two textbox, and one button. Set form properties text, acceptbutton, maximizebox and minimizebox. Set this properties like follow.

Text = Login Acceptbutton = button1 Maximizebox = False Minimizebox = False

3.2.2. Create Module

Add new modul into project at name of permissionmodule. And identify public variables are pid, statueid, sex, pname, surname. Using following code.

Public pid As Integer Public statueid As String Public sex As String Public pname As String Public surname As String

3.2.3. Sign In Button

Sign in buton makes compair the entering data combination (person id and password) with datas into database. If the datas are equal, load SDACS program.

This codes connect database with use created connection string at first connection. And read datas from database then compair them. If datas are equal, show the following massage in figure 3.3.



Figure 3.3 Welcom Massege

3.3 SDACS Main Form

We do all process in this form according to permissions. Read permissions from database. And when the loading form set usable section acoording to permissions. The program guide to client on home page section.

3.3.1. Home Page Section

To guide clients according to permissions. Show in figure 3.4.



Figure 3.4. Home Page Form

3.4 Client Registration And Setting Form

At this form, Record new client(record of working personel), update and delete client, search client(s), list all clients. Shortly you can do all of process about clients. This form show in figure 3.5.

	SDAES - Super	market Delivery At	otomation System			
						Sign Out
Home Page	Client Registration And Setting	Firm Regi	stration And Setting	Stok Control	And Setting	
-Personel infor	mations					Home Page
Person ID		JD Search	Starting Date	28.06.2008	•	ADD
Name		Same Search	Salary		•	DELETE
Surname			Statute		•	UPDATE
Sexual		•	Password			CLEAR
Communication						
Address			Phone			ListAll Client
			E-Mail			
1923(20)(151.5		-				

Figure 3.5. Client Registration And Setting Form

3.4.1. ID Search Button

This button search person as to entering person id. List finding personel on the personals table.

3.4.2. Name Search Button

This button search person as to entering person name. You can not have to enter entire word for searching. List finding personel on the personals table.

3.4.3. List All Client Button

Aim of button show all registered person. Codes writte in button click event. And add sqldataadapter into project. I changed name of sqldataadaptor as pda. Function of sqldataadaptor is fill read datas from database into dataset.

3.4.4. Home Page Link's codes

When click this link, go to hame page form. Codes write in linklabel click event. Code gives below.

TabControl1.SelectedIndex = 0

3.4.5. Add Button

Add buttons add new client. Added two sqlcommand into project. Aim of sqlcommand run sql language. All codes write in add button' s click event.

3.4.6. Delete Button

Delete button delete person according to person id. Add one command into project. The codes write in delete button event.

3.4.7. Update Button

This button update old datas of personel with entering new datas as to personel id. Add one sqlcommand into project for update. Codes write in update button event.

3.4.8. Clear Button

Clear datas on form.

3.5 Firm Registration And Setting Form

Save firms and doing all set of firms in this form. Show in figure 3.6.

	SDAC5 - Superma	arket Delivery Auctoma	tion System		
Home Page	Client Registration And Setting	Firm Registration A	And Setting	tok Control And Setting	
Firm Information) 				11
Firm ID		ID Search	Phone 1		<u>riome Page</u>
Firm Name		Name search	Phone 2		
Address			Fax 1		
			Fax 2	······································	
E - Mail			Web Page		
ADD	DELETE	IPDATE	CLEAR	L	ST ALL FIRM
Firms				L	
1.15					
L		in de mineres astronicas	······································		

Figure 3.6. Firm Registration And Setting Form

3.5.1. ID Search Button

Search registered firm acording to id of firm.

3.5.2. Name Search Button

Search registered firm acording to name of firm.

3.5.3. Home Page Link's codes

When click this link, go to hame page form. Codes write in linklabel click event. Code gives below.

TabControl1.SelectedIndex = 0

3.5.4. Add Button

Add new firm into database as to datas on form. Codes write in add button click event.

3.5.5. Delete Button

Delete firm from database acording to firm id. All codes write in delete button event.

3.5.6. Update Button

Update datas of firm with entering new datas as to firm id. Codes write in update button click event.

3.5.7. Clear Button

Clear datas on form.

3.5.8. List All Firm Button

List registred firm in database at firms table.

3.6 Stock Control And Setting Form

This form manage the stock. Can add new product, update and delete product and make a campain as to date or without date in this form. show in figure 3.7.

Product Informat	ions		Campaign		Home Pa
larcode		Barcode Search	Campaign Price	1	Calculat
tem Type		Type Search	Notes		
fark		Set			
ackage	S	let	Use Date		
ackage Unit	S	iet	Starting Date	28.06.2008	
ackage Type	S	iet	Finishing Date	28.06.2008	
elling Price		Set	Make Campaign	Cancel Campaign	Update Campaign
tock Amount	S	let	Add New	Clear	
ocation	S	let	Delete	Update	List All Products



3.6.1. Barcode Search Button

When click this button, search product as to entering barcode and show the finding product into products tables. Write following code in barcode search button click event.

3.6.2. Type Search Button

Search product acording to product types and show finding product(s) into products table.

3.6.3. Set Buttons

Set buttons using update the product. Set buttons obtain set updated data of product. Mission of set buttons only make enable properties of textbox true.

3.6.4. Home Page Link

When click this link, go to hame page form. Codes write in linklabel click event.

TabControl1.SelectedIndex = 0

3.6.5. Add New Button

Mission of add new button is adding new product to database as to entering datas of form.

3.6.6. Delete Button

Delete product from database if stocks of product equal to zero.

3.6.7. Update Button

Update button make update products in database acording to entering datas on form.

3.6.8. Clear Button

Clear the datas on form.

3.6.9. List All Product Button

List all registred product in database at products table. And you can select any product from products table.

3.6.10. Make Campaign Button

This button use for doing campaing to selected product. if select a product and click campaign checkbox, the make campaign button is active. You can do two kind of campaign, first without date and second use date. Codes write in make campaign button click event.

3.6.11. Cancel Campaign Button

The aim of this button cancel to doing beforehand campaign.

3.6.12. Update Campaign Button

This button update to doing beforhand campaign according to entering new datas.

3.7 Entering Invoice Form

At this form, record buying pruduct to database as invoice. Calculate selling price of product automaticly as to beforehand selling policy by firm when you enter invoice. Increase entering product stocks acording to amount items of invoice. And write loan to firm account. This form show in figure 3.8.

Sea and a		52(4)(5)	- Supermarket Deli	very Austomation System		[♥][≋ Sign
	egistration And Setting	Firm	Registration And Settir	ng	Setting Setting	
Bill no			🜙 Bill Search			Home Pa
Date	28.06.2008			Barcode		-SBarcode Search
Firm ID]	SFirm Search	Product Type		
irm Name			le general de la companya de la companya de la companya de la companya de la companya de la companya de la comp	Mark		
Person ID			****	Package Amount		
^o erson Name	2			Package Type		
Dring						
	·/					Remove
Billitome	·•					
bilino	ti arcode (producttype ma	ik packagea	mou packageunit packagelype	e amount tax	price (jio)
-					🗍 Discou	nt
Save	Update	Delete	Clear	Print	Total VAT	ГО
	_					

Figure 3.8. Entering Invoice Form

3.7.1. Bill Search Button

When click bill search button, load new bill search form. When close the new search form, show datas of bill on form with coming datas from loading new search form. And loading new bill search form show in figure 3.9.

-	Bill Search
⊙ Bill No ⊖ Date	28.06.2008 V 28.06.2008 V Search
Bills	
tatusBar1	

Figure 3.9. Bill Search Form

3.7.2. Bill Search Form And Search Button

Search bill in database acording to bill no and date then show find bill(s) into bills table. Bill search form of source codes are given below.

3.7.3. Firm Search Button

When click firm search button, load new firm search form. When close the new search form, show datas of firm on form with coming datas from loading new search form. And loading new firm search form show in figure 3.10.

S, Firm S	earch 🔽 🛞 🕅
Firm ID Firm Name	Search
Firms	Landard and a second second second second second second second second second second second second second second

Figure 3.10. Firm Search Form

3.7.4. Firm Search Form And Search Button

Search firm in database acording to firm id or firm name then show find firm(s) into firms table.

3.7.5. Barcode Search Button

When click barcode search button, load new product search form. When close the new search form, show datas of product on form with coming datas from loading new search form. And loading new product search form show in figure 3.11.

-	Product Search	
Barcode Product Type	Search	
Products		

Figure 3.10. Product Search Form

3.7.6. Product Search Form And Search Button

Search product in database acording to barcode or product type then show find product(s) into products table.

3.7.7. Add Button

This button use for add items(product) to invoice. When click this button, increase total of invoice and vat as to price and vat of adding product.

3.7.8. Remove Button

This button use for remove items(product) to invoice. When click this button, decrease total of invoice and vat as to price and vat of removing product.

3.7.10. Save Button

Save button record invoice to database. Calculate selling price acording to firm policy. Write loan to firm account. And increase stock at products of invoice.

3.7.11. Update Button

Update entering invoice, firm account and of course product stocks. If wants, update to selling price.

3.7.12. Delete Button

Delete invoice from database. And set necessary setting about firn account, product stocks.

3.7.13. Clear Button

This button clear the form.

3.8 Cashier Selling Form

Selling the product to customer. Calculate the cost of bill. When the selling agree, save bill to database and set necessary setting of stocks. Cashier selling form shown in figure 3.11.

	SDAES - Supermark	kel: Delivery Austomation Sy	stem	[♥](ゑ)(3 Sign Ot
Firm Registration Ar	nd Setting	etting S Entering Invoid	cashier - Setting	Cashier · Whole
Barcode	J.Search	Total	D	Home Page
	× 1	VAT Total	0	
		Repayment		
	1- Alter 10 - 10 - 1	1.Cash	3.Cash And Credit Card	3 5.Add
	WILLIAM SER	2.Credit Card	4.Clear	53 6.Remove
Bill Items	an being			10-
barco de produ	otype naik packajsamou p	ackageunit packagetype am	ount tax price	moneyumit taxia

Figure 3.11. Cashier Selling Form

3.8.1. Add Button

Add selling product to bill. And increase total of bill and vat as to price and vat of adding product.

3.8.2. Remove Button

Remove selling product to bill. And decrease total of bill and vat as to price and vat of removing product.

3.8.3. Cash Button

This button use cash selling. When click the cash button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash selling form show in figure 3.12.

Cash Selling	
Bill Total	a new set and
Total Vat	10 20 10 10 10 10
	The second second
Payment	
Repayment U	
Are You Accept This	Selling?
Cancel	Accept

Figure 3.12. Cash Selling Accept Form

3.8.4. Cash Selling Accept Form

This form only an aggreement form.

3.8.5. Credit Card Button

This button use selling with credit card. When click the credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept credit card selling form show in figure 3.13.

redit Card	
Bill Total	
Total Vat	
Card Ma	[
Lard No	
Are You	Accept This Selling?
S Car	cel Accept

Figure 3.13. Credit Card Accept Form

3.8.6. Credit Card Selling Accept Form

This form only an aggreement form.

3.8.7. Cash And Credit Card Button

This button use selling with credit card and cash. When click the cash and credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash and credit card selling form show in figure 3.14.

Cash And Credit Card	
Bill Total	
Total Vat	
Reminder	
Card No	
Card Payment	
Cash Payment	
Repayment 0	
Are You Acc	ept This Selling?
Cancel	Accept

Figure 3.14. Cash And Credit Card Selling Accept Form

3.8.8. Cash And Credit Card Selling Accept Form

This form only an aggreement form.

3.8.9. Clear Button

This button clear the form.

3.9. Cashier Whole Form

Whole selling the product to customer. Calculate the cost of bill. When the selling agree, save bill to database and set necessary setting of stocks. Cashier selling form shown in figure 3.15.

50AC5 - 50	ermarket Delivery Auntomation 5ys	tem .	[♥][Ձ][Ջ Sign Ou
Firm Registration And Setting	of And Setting	Cashier - Selling	Cashier · Whole
Barcode	Total	0	Home Page
L	Discount 1	%	
Firm ID Firm Sear	ch 1.Cash	3.Cash And Credit Card	5.Add
Firm Name	2.Credit Card	4.Clear	6.Remove
Eilfitems barcode producttyp mark packs	ugea packageun packagety am	nount tax pri	ce moneyunit taxc
4			

Figure 3.15. Cashier Whole Form

3.9.1. Add Button

Add selling product to bill. And increase total of bill and vat as to price and vat of adding product.

3.9.2. Remove Button

Remove selling product to bill. And decrease total of bill and vat as to price and vat of removing product.

3.9.3. Cash Button

This button use cash selling. When click the cash button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash selling form show in figure 3.16.

Cash Selling	and the second second second second second second second second second second second second second second second
Bill Total	and all mon dial has
Total Vat	and a straight and a straight of
Starting and Start	
Payment	
Repayment 0	
Are You Accept	This Selling?
Cancel	Accept

Figure 3.16. Cash Selling Accept Form

3.9.4. Cash Selling Accept Form

This form only an aggreement form for whole selling

3.9.5. Credit Card Button

This button use selling with credit card. When click the credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept credit card selling form show in figure 3.17.

Iredit Card	
Bill Total	
Total Vat	
Card No	
10-47-0-27-0-	
Are You Accep	t This Selling?
S Cancel	Accept

Figure 3.17. Credit Card Accept Form

3.9.6. Credit Card Selling Accept Form

This form only an aggreement form for whole selling.

3.9.7. Cash And Credit Card Button

This button use selling with credit card and cash. When click the cash and credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash and credit card selling form show in figure 3.18.

ash And Credit Card Bill Total			
Total Vat			
Reminder			
Card No			
Card Payment			
Cash Payment			
Repayment	0		
Are You Ac	ccept ⁻	This S	Selling?
S Cancel		1	Accept

Figure 3.18. Cash And Credit Card Selling Accept Form

3.9.8. Cash And Credit Card Selling Accept Form

This form only an aggreement form for whole selling.

3.9.9. Clear Button

This button clear the form.

3.10. Strongbox Form

Strongbox show total money of firm as to cashier name, firm name and date. Show in figure 3.19.

SDAC5 - Superm	arket Delivery Aud	omation System		
				Sign Out
Entering Invoice Cashier - Setting	Cashier · Whole	3 Cashier - Canceling	Strongbox	Depts And F
Date 28.06.2008 - 28.06.2008 -		General Total	0	
	Find	General Vat Total	0	
Cashier Name	2 - 110	General Cash Tota	u 0	
Firm Name		General Credit Ca	rd Total ()	
			The III	
	- 0			
Cash Total Credit Card Total	0			
VAT Total	0			
1 Utal	U			
	dies			and the second se
Cash Total	n			
Credit Card Total	0		Clear	Print
Home Page Tatal	0		CIEUI	CS · ·····
l utal	U			

Figure 3.19. Strongbox Form

3.10.1. Find Button

Find total money of firm as to cashier name, firm name and date. And show.

3.10.2. Clear Button

This button clear the form.

3.11. Deps And Payment Receipt Form

Show depts and paymant as to paymentfirm and recipient firm. This form support to doing payment between firms. Show in figure 3.20.

SDAES -	Supermarket Delive	ry Austernation 5)	/stem -		
					Sign Out
Cashier · Selling Cashier · Whole	Cashier - Canc	seling Sta	rongbox	Depts And Paym	hent Program
Recipt Cashier Account		Daumant			
Payment Firm		Payment			
Payment Firm ID	\square	Payment Da	ate 05.	06.2008	•
Payment Firm Name	Firm Search	Payment An	nount		
Recipient Fim Recipient Fim ID			Balance	e	
Recipient Firm Name	Firm Search	According To Recipient Firm	05.06.2008 ListDepts	• 05.06.2008	List All Depts And Payments
Depts		Payment		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
id date firmid bil	Ino recipier	id	date	firmid bil	llno recipientfir r
Total Depts 0	Þ	[1]	Tote	il Payment 0	F
Print	С	lear I	Payment Delete	Payment Update	Pay

Figure 3.20. Receipt Form

3.11.1. According to Receipt Firm Button

Show all depts and payment and balance as to recepient firm.

3.11.2. List Depts - Payment By Date Button

Show balance, depts and payment of firm as to date.

3.11.3. List All Depts And Payments Button

Show all depts and payment and balance of firm.

3.11.4. Pay Button

Save doing payment to payment firm account.

3.11.5. Payment Update Button

Update doing payment, setting necessary correction in database.

3.11.6. Payment Delete Button And Codes

Delete payment from firm account.

3.11.7. Clear Button And Codes

Clear the form.

3.12. Depts And Payment Cashier Account

This form keep account of cashier with dates and search account of cashiers according to person id, person name, date and then show them. Also save payment of cashiers and calculate total of depts and payment, balance. The form show in figure 3.21.

SDACS - Supermarket De	Livery Austomation System.
Cashier - Selling Cashier - Whole Cashier -	Canceling Strongbox Depts And Payment Rogram
Person ID Search Person Name Date 28.06.2008 V Find	Payment General Dept Total 0 Amount Of Payment Pay Balance 0
Depts	Payment
Seliing Bill(s)	Cashier Payment(s)
	1 1 N
Total 0	
Total 0 Whole Selling Bill(s)	
Total 0 Whole Selling Bill(s)	
Total 0 Whole Selling Bill(s)	Total

Figure 3.21. Cashier Account Form

3.13. Cashier Canceling Form

This form canceling the selected selling(bill). And set necessary modification in person account and stock. Also doing search bill as to date, bill no, cashier name, firm name. Form show in figure 3.22.

		SDACS - Supermarket	Delivery Auotomation	5ystem		Sign Ou
Stok Control Ar	nd Setting		Cashier - Selling	Cashier · Whole	Cashier - C	anceling
Date	28.06.2008	▼ 28.06.2008 ▼				Home Page
Bill No]				
Cashier Name		Sashier Search	 Selling 	Search	Clear	S Gancel Bill
Firm Name		Firm Search	O Whole Selling			
BILL(S)	-				di di si	
						-
	-					
ITEM(S)	C. Street and	The state			12	1
1 _1						

Figure 3.22. Cashier Canceling Form

3.14. Program Settings Form

This form to enable to set of any setting of programing. When click program setting, guide you setting page first and setting page directly guide you setting. Setting page show in figure 3.23.

	SDACS - Supermarket Selivery Austama	tion System	Sign Out
Ceshier · Whole Ces Setting Page Unit Settings Setting Pr	hier - Canceling Strongbox	Depts And Payment Program Settings	Report:
UNIT SETTINGS	SELLING PRICE CALCULATOR SETTING	CLIENT PERMISSION AND SETTING	Uniterade

Figure 3.23. Setting page

3.14.1. Unit Setting Form

This form add or delete any unit. For example money unit, package unit... form show in figure 3.24.

6	SDAC5 - Supermarke	L Delivery Austomation System		N A A A A A A A A A A A A A A A A A A A
	100.0			Sign Out
Cashier - Wh	nole S Cashier - Canceling S	trongbox Depts And Paym	ent Rogram Settings	Report:
Setting Page	Settings Setting Price Calculater Settings Clier	nt Permissions And Settings Reset		
_ Money Unit Se	tting	-Sex Setting	<u>Go To Se</u>	etting Page
Money Unit	ADD	Sex	ADD	
	SET		DELETE	
	DELETE			
1		I 1		
Package Unit	Setting	Package Type Setting		
Package Unit	ADD	Package Type	ADD	
	T DELETE		• DELETE	
-Mark Setting-		Location Setting		
Mark	ADD	Location	ADD [
	DELETE		DELETE	
		3		

Figure 3.24. Unit Setting

3.14.2. Selling Price Calculating Setting

This form set policy of firm of how is calculate selling price. Show in figure 3.25.

selling Price	selling Price Calculater Set selling Price Buying Price	inge Litent Permissions	And Settings Heset	Go To Setting Pa
Clear	1 2 3 4 5 6 7 8 9 <- 0 .	% + ()	Set Selling Price Calculator	

Figure 3.25. Selling Price Calculator Setting

3.14.3. Client Permission And Setting

This form add, delete or update statute, also set the permission of statute. Form show in figure 3.26.

SBAES - Supermarke	k Belivery Austamation Syskem	
Cashier · Whole Cashier · Canceling S	trongbox Depts And Payment	Program Settings
Statue Name	nt Permissions. And Settings	<u>Go To Setting Page</u>
Statue Name ADD	CASHIER SELLING	REPORTS
	CASHIER WHOLE SELLING	
STOCK CONTROL AND SETTING		-
	STRONG BOX	
DEPTS AND PAYMENTS	PROGRAM SETTINGS	

Figure 3.26. Client Permissions and Setting Form

CHAPTER FOUR: CREATE SQL TABLES AND SQL LANGUAGE OF STORED PROSEDURE

4.1. Created Tables

Create table in sql server. Created tables show in figure 4.1.



Figure 4.1. Created Sql Tables

4.2. Created SQL Stored Procedure

Create sql procedure for interrogate database tables. Write sql code in sql query analyzer.

CONCLUSION

In practice, this program which manages a supermarket's automation system. Also it makes arrangements of the super market's sale, purchasing, stocks and accounting process.

In chapters, there are informations about definition, evolution development and history of visual studio.net 2003 and sql server 2000 and also give informations about instruction of the program, how is database management system, moreover, gives and explain the codes of program.

The aims of this program are to make easy to sale and purchasing, stocking, accounting. Besides it gives datas to management departements so it contributes to develop and to manage better to the supermarket. The program provides to reach to the informations about supermarket faster.

In this program it is aimed that to decrease the missing rates in such managements. It enables the customers to make shopping faster and safely.
Appendix Visual Basic .NET

Public Class Form1

Inherits System. Windows. Forms. Form Private Sub Button1 Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles dbc Button1.Click dbc ProgressBar1.Value = 0dbc ProgressBar1.Visible = True dbc_Label1.Enabled = False dbc Label2.Enabled = False dbc TextBox1.Enabled = False dbc TextBox2.Enabled = False dbc Button1.Enabled = False dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 15 If dbc_TextBox1.Text = "" Or dbc_TextBox2.Text = "" Then dbc ProgressBar1.Value = dbc ProgressBar1.Value + 85 dbc_ProgressBar1.Visible = False MsgBox("You Have To Enter Server Name or Database Name", MessageBoxIcon.Warning) dbc Label1.Enabled = True dbc_Label2.Enabled = True dbc TextBox1.Enabled = True dbc_TextBox2.Enabled = True dbc Button1.Enabled = True Else dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 15 Dim s As String s = "Data Source=" & dbc_TextBox1.Text & ";" & "Initial Catalog=" & dbc_TextBox2.Text & ";" & "Integrated Security=True"

connstr = s

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 20

Dim c As New SqlClient.SqlConnection(s)

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25

c.Open()

If c.State = ConnectionState.Open Then

dbc ProgressBar1.Value = dbc ProgressBar1.Value + 25

dbc_ProgressBar1.Visible = False

connetrl = 1

Me.Hide()

ContextMenu1.MenuItems(1).Enabled = True

NotifyIcon1.Icon = New Icon("C:\Program

Files\SDACS\icons\enable server.ico")

Dim f2 As New Form2

f2.ShowDialog()

End If

Catch ex As SqlClient.SqlException

If ex.Number = 17 Then

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25 dbc_ProgressBar1.Visible = False

MsgBox("Invalid Server Name", MessageBoxIcon.Error)

dbc TextBox1.Text = ""

dbc TextBox1.Focus()

ElseIf ex.Number = 4060 Then

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25

dbc_ProgressBar1.Visible = False

MsgBox("Invalid Database Name", MessageBoxIcon.Error)

dbc_TextBox2.Text = ""

dbc_TextBox2.Focus()

Else

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25 dbc_ProgressBar1.Visible = False

MsgBox(ex.Message & "(" & ex.Number & ")")

End If

dbc_Label1.Enabled = True

dbc_Label2.Enabled = True

dbc_TextBox1.Enabled = True

dbc_TextBox2.Enabled = True

dbc_Button1.Enabled = True Finally c.Close() End Try End If End Sub

Private Sub NotifyIcon1_DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles NotifyIcon1.DoubleClick

Me.Show()

End Sub

Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles dbc_Button2.Click

Me.Hide() End Sub

Private Sub MenuItem1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem1.Click

Me.Close() End Sub

Private Sub dbc_Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles dbc_Button3.Click

connctrl = 0
dbc_Label1.Enabled = True
dbc_Label2.Enabled = True
dbc_TextBox1.Enabled = True
dbc_TextBox2.Enabled = True
dbc_Button1.Enabled = True
dbc_TextBox1.Text = ""
dbc_TextBox2.Text = ""
NotifyIcon1.Icon = New Icon("C:\Program

Files\SDACS\icons\desable_server.ico")

Private Sub MenuItem2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem2.Click

Me.Show()

End Sub

Private Sub MenuItem4_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem4.Click

Dim f2 As New Form2

f2.ShowDialog()

End Sub

```
Private Sub ContextMenu1_Popup(ByVal sender As Object, ByVal e As
```

System.EventArgs) Handles ContextMenu1.Popup

```
If signinctrl = 0 Or connetrl = 0 Then
```

ContextMenu1.MenuItems(1).Enabled = False

Else

ContextMenu1.MenuItems(1).Enabled = True End If End Sub

End Class

Public Class Form2

Inherits System.Windows.Forms.Form

Private Sub lgn_Button1_Click(ByVal sender As System.Object, ByVal e As

System.EventArgs) Handles lgn_Button1.Click

lgn_Label1.Enabled = False lgn_Label2.Enabled = False lgn_TextBox1.Enabled = False lgn_TextBox2.Enabled = False lgn_Button1.Enabled = False If lgn_TextBox1.Text = "" Then

MsgBox("You Have To Enter Your Person ID", MessageBoxIcon.Information) lgn Label1.Enabled = True lgn Label2.Enabled = True lgn TextBox1.Enabled = True lgn TextBox2.Enabled = True lgn Button1.Enabled = True ElseIf connctrl = 1 Then c.ConnectionString = connstr Ds2.persondat.Clear() da.Fill(Ds2.persondat) Dim dr As DataRow Dim i As Integer = 0Dim ctrl As Integer = 0For Each dr In Ds2.persondat.Rows If Not IsNumeric(lgn TextBox1.Text) Then MsgBox("Invalid Person ID", MessageBoxIcon.Error) lgn Label1.Enabled = True lgn Label2.Enabled = True lgn TextBox1.Enabled = True lgn_TextBox2.Enabled = True lgn Button1.Enabled = True Exit Sub End If If dr.Item("id") = lgn_TextBox1.Text And dr.Item("password") = Ign TextBox2.Text Then Me.Hide() signinctrl = 1pid = dr.Item("id")statue = dr.Item("statue") pname = dr.Item("name") surname = dr.Item("surname") sex = dr.Item("sex")Dim f3 As New Form3 f3.ShowDialog()

Me.Show()

signinctrl = 0

lgn_Label1.Enabled = True

lgn_Label2.Enabled = True

lgn_TextBox1.Enabled = True

lgn_TextBox2.Enabled = True

lgn_Button1.Enabled = True

lgn_TextBox1.Text = ""

lgn TextBox2.Text = ""

```
\operatorname{ctrl} = 0
```

Exit Sub

Else

ctrl = 1

End If

Next

If ctrl = 1 Then

MsgBox("Wrong Person Id or Password", MessageBoxIcon.Error)

 $lgn_Label1.Enabled = True$

lgn Label2.Enabled = True

lgn_TextBox1.Enabled = True

lgn_TextBox2.Enabled = True

lgn_Button1.Enabled = True

End If

Else

MsgBox("Connection Problem You Have To Connect To Server Before Login", MessageBoxIcon.Error)

lgn_Label1.Enabled = True lgn_Label2.Enabled = True lgn_TextBox1.Enabled = True lgn_TextBox2.Enabled = True lgn_Button1.Enabled = True Me.Close() End If End Sub Private Sub Form2_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

lgn_TextBox1.Focus()

End Sub

Private Sub Form2_Closing(ByVal sender As Object, ByVal e As System.ComponentModel.CancelEventArgs) Handles MyBase.Closing signinctrl = 1

End Sub

End Class

Public Class Form4 Inherits System. Windows. Forms. Form Dim cm As CurrencyManager Dim change As String Dim changel As String Private Sub Form4_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load Label1.Text = sex & " " & pname & " " & surname pc.ConnectionString = connstr Dim co As New SqlClient.SqlCommand Dim da As New SqlClient.SqlDataAdapter Dim ds As New DataSet \sim co.Connection = pc co.CommandText = "select * from [permissions] where (id=" & statue & ")" da.SelectCommand = cods.Clear() da.Fill(ds, "per") Dim dr As DataRow For Each dr In ds. Tables("per"). Rows If dr.Item("cregandest") = 1 Then Button102.Visible = True TabControl1.TabPages(1).Enabled = True

```
ElseIf dr.Item("cregandest") = 0 Then
TabControl1.TabPages(1).Enabled = False
Button102.Visible = False
End If
```

```
If dr.Item("fregandset") = 1 Then
   Button105.Visible = True
  TabControl1.TabPages(2).Enabled = True
ElseIf dr.Item("fregandset") = 0 Then
   TabControl1.TabPages(2).Enabled = False
  Button105.Visible = False
End If
If dr.Item("sconandset") = 1 Then
  Button108.Visible = True
  TabControl1.TabPages(3).Enabled = True
ElseIf dr.Item("sconandset") = 0 Then
  TabControl1.TabPages(3).Enabled = False
  Button108.Visible = False
End If
If dr.Item("entinvoice") = 1 Then
  Button111.Visible = True
  TabControl1.TabPages(4).Enabled = True
ElseIf dr.Item("entinvoice") = 0 Then
  TabControl1.TabPages(4).Enabled = False
  Button111.Visible = False
End If
If dr.Item("casselling") = 1 Then
  Button103.Visible = True
  TabControl1.TabPages(5).Enabled = True
ElseIf dr.Item("casselling") = 0 Then
  TabControl1.TabPages(5).Enabled = False
  Button103.Visible = False
End If
If dr.Item("caswselling") = 1 Then
```

```
Button106.Visible = True
  TabControl1.TabPages(6).Enabled = True
ElseIf dr.Item("caswselling") = 0 Then
  TabControl1.TabPages(6).Enabled = False
  Button106.Visible = False
End If
If dr.Item("cascanceling") = 1 Then
  Button109.Visible = True
  TabControl1.TabPages(7).Enabled = True
ElseIf dr.Item("cascanceling") = 0 Then
  TabControl1.TabPages(7).Enabled = False
  Button109.Visible = False
End If
If dr.Item("strongbox") = 1 Then
  Button114.Visible = True
  TabControl1.TabPages(8).Enabled = True
ElseIf dr.Item("strongbox") = 0 Then
  TabControl1.TabPages(8).Enabled = False
  Button114.Visible = False
End If
If dr.Item("deptandpayment") = 1 Then
  Button104.Visible = True
  TabControl1.TabPages(9).Enabled = True
ElseIf dr.Item("deptandpayment") = 0 Then
  TabControl1.TabPages(9).Enabled = False
  Button104.Visible = False
End If
If dr.Item("progset") = 1 Then
  Button 107. Visible = True
  TabControl1.TabPages(10).Enabled = True
ElseIf dr.Item("progset") = 0 Then
  TabControl1.TabPages(10).Enabled = False
  Button 107. Visible = False
End If
```

If dr.Item("reports") = 1 Then Button110.Visible = True TabControl1.TabPages(11).Enabled = True ElseIf dr.Item("reports") = 0 Then TabControl1.TabPages(11).Enabled = False Button110.Visible = False End If Next

End Sub

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
```

If connectrl = 1 Then

If TextBox1.Text = "" Then

MsgBox("Please enter id number", MessageBoxIcon.Error)

Else

If IsNumeric(TextBox1.Text) Then

Dim dset As New DataSet

Dim da As New SqlClient.SqlDataAdapter

pc.ConnectionString = connstr

idsrc.Parameters("@xx").Value = TextBox1.Text

da.SelectCommand = idsrc

da.Fill(dset, "f")

DataView1.Table = dset.Tables("f")

Else

MsgBox("invalid ID", MessageBoxIcon.Error)

End If

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

```
Private Sub Button6_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button6.Click
```

If connctrl = 1 Then

Dim dset As New DataSet

Dim da As New SqlClient.SqlDataAdapter

pc.ConnectionString = connstr

nmsrc.Parameters("@xx").Value = TextBox2.Text & "%"

da.SelectCommand = nmsrc

da.Fill(dset, "f")

DataView1.Table = dset.Tables("f")

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub DataGrid1_DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid1.DoubleClick

cm = CType(Me.BindingContext(DataView1), CurrencyManager) TextBox1.Text = DataGrid1.Item(cm.Position, 0) TextBox2.Text = DataGrid1.Item(cm.Position, 1) TextBox3.Text = DataGrid1.Item(cm.Position, 2) ComboBox1.Text = DataGrid1.Item(cm.Position, 3) TextBox6.Text = DataGrid1.Item(cm.Position, 4) TextBox7.Text = DataGrid1.Item(cm.Position, 5) TextBox8.Text = DataGrid1.Item(cm.Position, 6) TextBox5.Text = DataGrid1.Item(cm.Position, 7) TextBox4.Text = DataGrid1.Item(cm.Position, 8) ComboBox3.Text = DataGrid1.Item(cm.Position, 9) DateTimePicker1.Text = DataGrid1.Item(cm.Position, 10) ComboBox2.Text = DataGrid1.Item(cm.Position, 11)

Private Sub TabControl1_SelectedIndexChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles TabControl1.SelectedIndexChanged

If TabControl1.SelectedTab.Name = "TabPage1" Then Me.AcceptButton = Button2 pc.ConnectionString = connstr Pds1.persondat.Clear() pda.Fill(Pds1.persondat)

Dim ss As New DataSet ComboBox1.Items.Clear() sexda.Fill(ss, "a") Dim dr As DataRow For Each dr In ss.Tables("a").Rows ComboBox1.Items.Add(dr.Item("sex")) Next Dim st As New DataSet Dim stda As New SqlClient.SqlDataAdapter Dim stco As New SqlClient.SqlCommand stco.Connection = pcstco.CommandText = "select statute from [permissions]" stda.SelectCommand = stco ComboBox2.Items.Clear() stda.Fill(st, "s") Dim drst As DataRow For Each drst In st.Tables("s").Rows ComboBox2.Items.Add(drst.Item("statute"))

Next

Dim u As New DataSet Dim uda As New SqlClient.SqlDataAdapter Dim uco As New SqlClient.SqlCommand uco.Connection = pc

```
uco.CommandText = "select unit from moneyunit"
uda.SelectCommand = uco
ComboBox3.Items.Clear()
uda.Fill(u, "s")
Dim dru As DataRow
For Each dru In u.Tables("s").Rows
ComboBox3.Items.Add(dru.Item("unit"))
Next
End If
If TabControl1.SelectedIndex = 3 Then
Me.AcceptButton = Button9
End If
End Sub
```

```
Private Sub LinkLabel1_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel1.LinkClicked
TabControl1.SelectedIndex = 0
```

```
Private Sub Button5_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button5.Click
```

```
If connctrl = 1 Then
TextBox1.Text = ""
TextBox2.Text = ""
TextBox3.Text = ""
TextBox4.Text = ""
TextBox5.Text = ""
TextBox6.Text = ""
TextBox7.Text = ""
ComboBox3.Text = ""
ComboBox1.Text = ""
```

DateTimePicker1.Text = "" Pds1.persondat.Clear() DataView1.Table = Pds1.persondat

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button4 Click(ByVal sender As System.Object, ByVal e As System. EventArgs) Handles Button4. Click If connctrl = 1 Then If TextBox1.Text = "" Or Not IsNumeric(TextBox1.Text) Then MsgBox("Invalid ID Number", MsgBoxStyle.Information) Else pc.ConnectionString = connstr Dim st As New DataSet Dim statueid As Integer pc.Open() findstid.Parameters("@statue").Value = ComboBox2.Text statueid = findstid.ExecuteScalar pc.Close() persnupt.Parameters("@id").Value = TextBox1.Text persnupt.Parameters("@name").Value = TextBox2.Text persnupt.Parameters("@surname").Value = TextBox3.Text persnupt.Parameters("@sex").Value = ComboBox1.Text persnupt.Parameters("@address").Value = TextBox6.Text persnupt.Parameters("@phone").Value = TextBox7.Text persnupt.Parameters("@email").Value = TextBox8.Text persnupt.Parameters("@password").Value = TextBox5.Text persnupt.Parameters("@salery").Value = TextBox4.Text persnupt.Parameters("@moneyunit").Value = ComboBox3.Text persnupt.Parameters("@startingdate").Value = DateTimePicker1.Text persnupt.Parameters("@statue").Value = statueid

Try

Dim i As Integer

i = MsgBox("Do You Want to Save Changes Realy", MsgBoxStyle.YesNo, "UPDATE")

If i = 6 Then

pc.Open()

persnupt.ExecuteNonQuery()

MsgBox("Updated Successful", MsgBoxStyle.Information)

End If

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

pc.ConnectionString = connstr

```
Pds1.persondat.Clear()
```

pda.Fill(Pds1.persondat)

DataView1.Table = Pds1.persondat

End Try

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click

If connctrl = 1 Then

dltpersn.Parameters("@id").Value = TextBox1.Text

Try

Dim i As Integer

i = MsgBox("Do You Want to Delete Person Realy", MsgBoxStyle.YesNo, "DELETE")

If i = 6 Then

pc.ConnectionString = connstr

pc.Open()

dltpersn.ExecuteNonQuery()

MsgBox("Person Deleted", MsgBoxStyle.Information)

End If

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

pc.ConnectionString = connstr

Pds1.persondat.Clear()

pda.Fill(Pds1.persondat)

DataView1.Table = Pds1.persondat

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

```
Me.Close()
End If
End Sub
```

```
Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
```

If connctrl = 1 Then pc.ConnectionString = connstr Dim st As New DataSet Dim statueid As Integer pc.Open() findstid.Parameters("@statue").Value = ComboBox2.Text statueid = findstid.ExecuteScalar pc.Close() saveperson.Parameters("@id").Value = TextBox1.Text

If TextBox2.Text = "" Then

MsgBox("Enter A Name", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@name").Value = TextBox2.Text
End If

If TextBox3.Text = "" Then

MsgBox("Enter A Surname", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@surname").Value = TextBox3.Text End If

If ComboBox1.Text = "" Then

MsgBox("Select A Sex", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@sex").Value = ComboBox1.Text

End If

If TextBox6.Text = "" Then

MsgBox("Enter An Address", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@address").Value = TextBox6.Text
End If

If TextBox7.Text = "" Then

saveperson.Parameters("@phone").Value = "-"

Else

saveperson.Parameters("@phone").Value = TextBox7.Text
End If

.

If TextBox8.Text = "" Then

saveperson.Parameters("@email").Value = "-"

Else

saveperson.Parameters("@email").Value = TextBox8.Text

End If

If TextBox5.Text = "" Then

MsgBox("Enter A Password", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@password").Value = TextBox5.Text
End If

If TextBox4.Text = "" Then

saveperson.Parameters("@salery").Value = DBNull.Value Else

saveperson.Parameters("@salery").Value = TextBox4.Text

End If

If ComboBox3.Text = "" Then

MsgBox("Select a Moneyunit", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@moneyunit").Value = ComboBox3.Text
End If

```
saveperson.Parameters("@startingdate").Value = DateTimePicker1.Value
If ComboBox2.Text = "" Then
```

MsgBox("Select A Statute", MsgBoxStyle.Information)

Exit Sub

Else

saveperson.Parameters("@statue").Value = statueid

End If

Try

Dim i As Integer

i = MsgBox("Do You Want to Save Person Realy", MsgBoxStyle.YesNo, "SAVE")

If i = 6 Then

pc.ConnectionString = connstr

pc.Open()

saveperson.ExecuteNonQuery()

MsgBox("Saved Personel Successfully", MsgBoxStyle.Information)

End If

Catch ex As SqlClient.SqlException

If ex.Number = 2627 Then

MsgBox(TextBox1.Text & "Person ID Already Exist Please Change

Person ID and Try Again", MessageBoxIcon.Error)

Else

MsgBox(ex.Message & " (" & ex.Number & ")")

End If

Finally

pc.Close()

pc.ConnectionString = connstr

Pds1.persondat.Clear()

pda.Fill(Pds1.persondat)

DataView1.Table = Pds1.persondat

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub TextBox2_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox2.TextChanged

Me.AcceptButton = Button6

End Sub

Private Sub TextBox1_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox1.TextChanged

Me.AcceptButton = Button1

End Sub

Private Sub CheckBox2_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CheckBox2.CheckedChanged If CheckBox2.Checked = True Then Label37.Enabled = True Label38.Enabled = True DateTimePicker2.Enabled = True DateTimePicker3.Enabled = True End If If CheckBox2.Checked = False Then Label37.Enabled = False Label38.Enabled = False DateTimePicker2.Enabled = False DateTimePicker3.Enabled = False End If

Private Sub TextBox11_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs)

Me.AcceptButton = Button9

If change = ComboBox16.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

End Sub

```
Private Sub LinkLabel2_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel2.LinkClicked
ComboBox16.Enabled = True
change = ComboBox16.Text
End Sub
```

Private Sub LinkLabel3_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles LinkLabel3.LinkClicked

```
TextBox12.Enabled = True
change = TextBox12.Text
End Sub
```

```
Private Sub LinkLabel4_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel4.LinkClicked
```

```
ComboBox4.Enabled = True
change = ComboBox4.Text
End Sub
```

```
Private Sub LinkLabel5_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
```

LinkLabel5.LinkClicked

ComboBox5.Enabled = True

```
change = ComboBox5.Text
```

End Sub

```
Private Sub LinkLabel6_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
```

LinkLabel6.LinkClicked

```
TextBox14.Enabled = True
change = TextBox14.Text
spcctrl = 1
End Sub
```

Private Sub LinkLabel7_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles

LinkLabel7.LinkClicked

TextBox13.Enabled = True ComboBox6.Enabled = True change = TextBox13.Text change1 = ComboBox6.Text spcctrl = 1

Private Sub LinkLabel8_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles

LinkLabel8.LinkClicked

TextBox15.Enabled = True change = TextBox15.Text End Sub

```
Private Sub LinkLabel9_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel9.LinkClicked
ComboBox8.Enabled = True
```

```
change = ComboBox8.Text
End Sub
```

```
Private Sub TextBox12_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox12.TextChanged
```

```
If change = TextBox12.Text Then
Button10.Enabled = False
Else
Button10.Enabled = True
End If
End Sub
```

```
Private Sub ComboBox4_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ComboBox4.SelectedIndexChanged
If change = ComboBox4.Text Then
Button10.Enabled = False
Else
Button10.Enabled = True
End If
End Sub
```

```
Private Sub ComboBox5_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ComboBox5.SelectedIndexChanged
If change = ComboBox5.Text Then
Button10.Enabled = False
Else
Button10.Enabled = True
End If
End Sub
```

Private Sub TextBox14_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox14.TextChanged

If change = TextBox14.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

If TextBox13.Text = "" Or TextBox14.Text = "" Or Not

IsNumeric(TextBox13.Text) Or Not IsNumeric(TextBox14.Text) Or spectrl = 0 Then

```
Exit Sub
End If
Dim price As Double
Dim vad As Double
Dim vadcost As Double
price = TextBox13.Text
vad = TextBox14.Text
vad = (vad / 100) + 1
vadcost = price - (price / vad)
Label61.Text = Math.Round(vadcost, 2)
End Sub
```

Private Sub TextBox13_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox13.TextChanged If change = TextBox13.Text Then Button10.Enabled = False Else

Button10.Enabled = True

End If

```
If TextBox13.Text = "" Or TextBox14.Text = "" Or Not
```

IsNumeric(TextBox14.Text) Or Not IsNumeric(TextBox13.Text) Or spectrl = 0 Then

Exit Sub End If Dim price As Double Dim vad As Double Dim vadcost As Double price = TextBox13.Text vad = TextBox14.Text vad = (vad / 100) + 1 vadcost = price - (price / vad) Label61.Text = Math.Round(vadcost, 2) End Sub

Private Sub ComboBox6_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ComboBox6.SelectedIndexChanged

If change1 = ComboBox6.Text Then Button10.Enabled = False Else Button10.Enabled = True End If End Sub

Private Sub TextBox15_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox15.TextChanged

If change = TextBox15.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

End Sub

Private Sub ComboBox8_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ComboBox8.SelectedIndexChanged

If change = ComboBox8.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

End Sub

```
Private Sub CheckBox1_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CheckBox1.CheckedChanged
```

If CheckBox1.Checked = True Then

GroupBox5.Enabled = True

Else

```
GroupBox5.Enabled = False
TextBox23.Text = ""
ComboBox13.Text = ""
TextBox24.Text = ""
DateTimePicker2.Text = ""
DateTimePicker3.Text = ""
CheckBox2.Checked = False
End If
End Sub
```

```
Private Sub Button9_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button9.Click
If connctrl = 1 Then
If DateTimePicker3.Value < DateTimePicker2.Value Then
MsgBox("Campaign Starting date Not Greater Then Campaign Finishing
date", MessageBoxIcon.Error)
Exit Sub
End If
If TextBox9.Text = "" Or Not IsNumeric(TextBox9.Text) Then
```

MsgBox("Invalid Barcode", MessageBoxIcon.Error) Exit Sub

End If

productadd.Parameters("@barcode").Value = TextBox9.Text

If ComboBox14.Text = "" Then

MsgBox("Please Select A Product Type", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@producttype").Value = ComboBox14.Text End If

If ComboBox16.Text = "" Then

MsgBox("Please Enter A Mark", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@mark").Value = ComboBox16.Text

End If

If TextBox12.Text = "" Then

MsgBox("Please Enter A Package Amount", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@packageamount").Value = TextBox12.Text End If

If ComboBox4.Text = "" Then

MsgBox("Please Select A Package Unit", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@packageunit").Value = ComboBox4.Text End If

If ComboBox5.Text = "" Then

MsgBox("Please Select A Package Type", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@packagetype").Value = ComboBox5.Text

End If

If TextBox14.Text = "" Then

productadd.Parameters("@tax").Value = 0

Else

productadd.Parameters("@tax").Value = TextBox14.Text

End If

If TextBox13.Text = "" Then

productadd.Parameters("@sellingprice").Value = 0

Else

productadd.Parameters("@sellingprice").Value = TextBox13.Text End If

productadd.Parameters("@moneyunit").Value = ComboBox6.Text

productadd.Parameters("@taxcost").Value = Label61.Text

If TextBox15.Text = "" Then

productadd.Parameters("(a)stock").Value = 0

Else

```
productadd.Parameters("@stock").Value = TextBox15.Text
```

End If

If ComboBox8.Text = "" Then

productadd.Parameters("@location").Value = "-"

Else

productadd.Parameters("@location").Value = ComboBox8.Text End If

Try

pc.ConnectionString = connstr

pc.Open()

productadd.ExecuteNonQuery()

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

campaignadd.Parameters("@barcode").Value = TextBox9.Text

If CheckBox2.Checked = True And CheckBox1.Checked = True Then campaignadd.Parameters("@startingdate").Value = DateTimePicker2.Text campaignadd.Parameters("@finishingdate").Value = DateTimePicker3.Text

```
ElseIf CheckBox1.Checked = False Then
```

campaignadd.Parameters("@startingdate").Value = "31.12.9998" campaignadd.Parameters("@finishingdate").Value = "31.12.9998"

ElseIf CheckBox1.Checked = True And CheckBox2.Checked = False Then campaignadd.Parameters("@startingdate").Value = DateTime.Today campaignadd.Parameters("@finishingdate").Value = "31.12.9998" End If

If TextBox24.Text = "" Then

campaignadd.Parameters("@notes").Value = "-"

Else

campaignadd.Parameters("@notes").Value = TextBox24.Text End If

If CheckBox1.Checked = True Then

```
If TextBox23.Text = "" Then
```

MsgBox("Please Enter A campaign Price or Calculate Campaign Price", MessageBoxIcon.Error)

Exit Sub

Else

campaignadd.Parameters("@campaignprice").Value = TextBox23.Text End If

Else

```
campaignadd.Parameters("@campaignprice").Value = 0
```

End If

If CheckBox1.Checked = True Then

If ComboBox13.Text = "" Then

MsgBox("Please Select Money Unit", MessageBoxIcon.Error) Exit Sub

Else

campaignadd.Parameters("@moneyunit").Value = ComboBox13.Text End If

Else

```
campaignadd.Parameters("@moneyunit").Value = "-"
End If
Try
  pc.ConnectionString = connstr
  pc.Open()
  campaignadd.ExecuteNonQuery()
  MsgBox("Product Add Successfully", MsgBoxStyle.Information)
Catch ex As SqlClient.SqlException
  MsgBox(ex.Message & " (" & ex.Number & ")")
Finally
  pc.Close()
End Try
pc.ConnectionString = connstr
Prdctds1.products.Clear()
listallproducts.Fill(Prdctds1.products)
Dim slctdr As DataRow
Dim i As Integer = 0
cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)
For Each slctdr In Prdctds1.products.Rows
  If slctdr.Item("barcode") = TextBox9.Text Then
    DataGrid2.Select(i)
    cm.Position = i
  End If
  i += 1
Next
TextBox9.Text = ""
ComboBox16.Text = ""
TextBox12.Text = ""
TextBox13.Text = ""
TextBox14.Text = ""
TextBox15.Text = ""
ComboBox14.Text = ""
ComboBox4.Text = ""
```

```
ComboBox5.Text = ""
```

ComboBox6.Text = "" ComboBox8.Text = "" CheckBox1.Checked = False ComboBox16.Enabled = True TextBox12.Enabled = True TextBox13.Enabled = True TextBox14.Enabled = True TextBox15.Enabled = True ComboBox4.Enabled = True ComboBox5.Enabled = True ComboBox6.Enabled = True Button11.Enabled = False Button10.Enabled = False

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

```
Private Sub LinkLabel10_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel10.LinkClicked
```

TabControl1.SelectedIndex = 0

End Sub

Private Sub Button14_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button14.Click

```
If connctrl = 1 Then
```

TextBox9.Text = ""

ComboBox16.Text = ""

TextBox12.Text = ""

```
TextBox13.Text = ""
```

TextBox14.Text = "" TextBox15.Text = "" ComboBox14.Text = "" ComboBox4.Text = "" ComboBox5.Text = "" ComboBox6.Text = "" ComboBox8.Text = "" CheckBox1.Checked = False Prdctds1.products.Clear() ComboBox16.Enabled = TrueTextBox12.Enabled = True TextBox13.Enabled = False TextBox14.Enabled = False TextBox15.Enabled = TrueComboBox4.Enabled = TrueComboBox5.Enabled = TrueComboBox6.Enabled = False ComboBox8.Enabled = True Button9.Enabled = True Button 11. Enabled = False Button 10. Enabled = FalseLabel61.Text = 0prdctDataView.RowFilter = "" Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button15_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button15.Click

If connectrl = 1 Then

prdctDataView.RowFilter = ""

ProgressBar1.Visible = True ProgressBar1.Value = 1 pc.ConnectionString = connstr ProgressBar1.Value = ProgressBar1.Value + 49 Prdctds1.products.Clear() ProgressBar1.Value = ProgressBar1.Value + 30 listallproducts.Fill(Prdctds1.products) ProgressBar1.Value = ProgressBar1.Value + 20 ProgressBar1.Visible = False

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub DataGrid2 DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid2.DoubleClick cm = CType(Me.BindingContext(prdctDataView), CurrencyManager) TextBox9.Text = DataGrid2.Item(cm.Position, 0) ComboBox14.Text = DataGrid2.Item(cm.Position, 1) ComboBox16.Text = DataGrid2.Item(cm.Position, 2) TextBox12.Text = DataGrid2.Item(cm.Position, 3) ComboBox4.Text = DataGrid2.Item(cm.Position, 4) ComboBox5.Text = DataGrid2.Item(cm.Position, 5) TextBox14.Text = DataGrid2.Item(cm.Position, 6) TextBox13.Text = DataGrid2.Item(cm.Position, 7) ComboBox6.Text = DataGrid2.Item(cm.Position, 8) Label61.Text = DataGrid2.Item(cm.Position, 9) ComboBox8.Text = DataGrid2.Item(cm.Position, 10) TextBox15.Text = DataGrid2.Item(cm.Position, 11) If DataGrid2.Item(cm.Position, 15) = 0 Then CheckBox1.Checked = False

CheckBox1.Checked = True

TextBox23.Text = DataGrid2.Item(cm.Position, 15)

ComboBox13.Text = DataGrid2.Item(cm.Position, 16)

TextBox24.Text = DataGrid2.Item(cm.Position, 14)

If DataGrid2.Item(cm.Position, 12) = "31.12.9999" Then

CheckBox2.Checked = False

Else

CheckBox2.Checked = True

DateTimePicker2.Text = DataGrid2.Item(cm.Position, 12)

DateTimePicker3.Text = DataGrid2.Item(cm.Position, 13)

End If

End If

ComboBox16.Enabled = False

TextBox12.Enabled = False

TextBox13.Enabled = False

TextBox14.Enabled = False

TextBox15.Enabled = False

ComboBox4.Enabled = False

ComboBox5.Enabled = False

ComboBox6.Enabled = False

ComboBox8.Enabled = False

Button9.Enabled = False

Button10.Enabled = False

Button11.Enabled = True

End Sub

Private Sub Button7_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button7.Click If connctrl = 1 Then If TextBox9.Text = "" Or Not IsNumeric(TextBox9.Text) Then MsgBox("Invalid Barcode", MessageBoxIcon.Error) Exit Sub End If Dim bsda As New SqlClient.SqlDataAdapter pc.ConnectionString = connstr barcodesrc.Parameters("@barcode").Value = TextBox9.Text bsda.SelectCommand = barcodesrc Prdctds1.products.Clear() bsda.Fill(Prdctds1.products) cm = CType(Me.BindingContext(prdctDataView), CurrencyManager) If cm.Position ≥ 0 Then TextBox9.Text = DataGrid2.Item(cm.Position, 0) ComboBox14.Text = DataGrid2.Item(cm.Position, 1) ComboBox16.Text = DataGrid2.Item(cm.Position, 2) TextBox12.Text = DataGrid2.Item(cm.Position, 3) ComboBox4.Text = DataGrid2.Item(cm.Position, 4) ComboBox5.Text = DataGrid2.Item(cm.Position, 5) TextBox14.Text = DataGrid2.Item(cm.Position, 6) TextBox13.Text = DataGrid2.Item(cm.Position, 7) ComboBox6.Text = DataGrid2.Item(cm.Position, 8) Label61.Text = DataGrid2.Item(cm.Position, 9) ComboBox8.Text = DataGrid2.Item(cm.Position, 10) TextBox15.Text = DataGrid2.Item(cm.Position, 11) If DataGrid2.Item(cm.Position, 15) = 0 Then CheckBox1.Checked = False Else CheckBox1.Checked = TrueTextBox23.Text = DataGrid2.Item(cm.Position, 15) ComboBox13.Text = DataGrid2.Item(cm.Position, 16) TextBox24.Text = DataGrid2.Item(cm.Position, 14) If DataGrid2.Item(cm.Position, 12) = "31.12.9999" Then CheckBox2.Checked = False Else CheckBox2.Checked = TrueDateTimePicker2.Text = DataGrid2.Item(cm.Position, 12) DateTimePicker3.Text = DataGrid2.Item(cm.Position, 13) End If End If

Dim sletdr As DataRow Dim i As Integer = 0 cm = CType(Me.BindingContext(prdctDataView), CurrencyManager) For Each sletdr In Prdctds1.products.Rows If sletdr.Item("barcode") = TextBox9.Text Then

DataGrid2.Select(i)

cm.Position = i

End If

i += 1

Next

ComboBox16.Enabled = False

TextBox12.Enabled = False

TextBox13.Enabled = False

TextBox14.Enabled = False

TextBox15.Enabled = False

ComboBox4.Enabled = False

ComboBox5.Enabled = False

ComboBox6.Enabled = False

ComboBox8.Enabled = False

Else

MsgBox("Product Was Not Found (Invalid Barcode)",

MessageBoxIcon.Error)

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub TextBox9_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox9.TextChanged

Me.AcceptButton = Button7

Button11.Enabled = False

```
Private Sub ComboBox14_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ComboBox14.SelectedIndexChanged
```

Me.AcceptButton = Button8

End Sub

```
Private Sub Button8_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button8.Click
```

If connctrl = 1 Then

If ComboBox14.Text = "" Then

MsgBox("Please Select A Product Type", MsgBoxStyle.Information) Exit Sub

End If

pc.ConnectionString = connstr

Dim typda As New SqlClient.SqlDataAdapter

typesrc.Parameters("@producttype").Value = ComboBox14.Text & "%"

typda.SelectCommand = typesrc

Prdctds1.products.Clear()

typda.Fill(Prdctds1.products)

cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)

If cm.Position < 0 Then

MsgBox("Product Was Not Found", MessageBoxIcon.Error) End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button11_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button11.Click

If connctrl = 1 Then
Dim i As Integer

i = MsgBox("Do You Want to Delete Product Realy", MsgBoxStyle.YesNo, "DELETE")

If i = 6 Then

pc.ConnectionString = connstr

Try

pc.Open()

Dim co As New SqlClient.SqlCommand

co.CommandText = "delete from products where (barcode=" &

TextBox9.Text & ")"

co.Connection = pc

co.ExecuteNonQuery()

MsgBox("Product Deleted Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

End If

pc.ConnectionString = connstr

Prdctds1.products.Clear()

listallproducts.Fill(Prdctds1.products)

TextBox9.Text = ""

ComboBox16.Text = ""

TextBox12.Text = ""

TextBox13.Text = ""

TextBox14.Text = ""

TextBox15.Text = ""

ComboBox14.Text = ""

ComboBox4.Text = ""

ComboBox5.Text = ""

ComboBox6.Text = ""

ComboBox8.Text = ""

CheckBox1.Checked = False

ComboBox16.Enabled = True TextBox12.Enabled = True TextBox13.Enabled = True TextBox14.Enabled = True TextBox15.Enabled = True ComboBox4.Enabled = True ComboBox5.Enabled = True ComboBox6.Enabled = True Button11.Enabled = False Button10.Enabled = False

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button10_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button10.Click

If connctrl = 1 Then

If ComboBox14.Text = "" Then

MsgBox("Please Select A Product Type", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@producttype").Value = ComboBox14.Text End If

If ComboBox16.Text = "" Then

MsgBox("Please Enter A Mark", MessageBoxIcon.Error)

Exit Sub

Else

productupdate.Parameters("@mark").Value = ComboBox16.Text End If

If TextBox12.Text = "" Then

MsgBox("Please Enter A Package Amount", MessageBoxIcon.Error) Exit Sub

Elself Not IsNumeric(TextBox12.Text) Then

MsgBox("Invalid Package Amount", MessageBoxIcon.Error)

Exit Sub

Else

productupdate.Parameters("@packageamount").Value = TextBox12.Text End If

If ComboBox4.Text = "" Then

MsgBox("Please Select A Package Unit", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@packageunit").Value = ComboBox4.Text End If

If ComboBox5.Text = "" Then

MsgBox("Please Select A Package Type", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@packagetype").Value = ComboBox5.Text End If

If TextBox14.Text = "" Then

MsgBox("Please Enter A Tax", MessageBoxIcon.Error)

Exit Sub

ElseIf Not IsNumeric(TextBox14.Text) Then

MsgBox("Invalid Tax Amount", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@tax").Value = TextBox14.Text End If

If TextBox13.Text = "" Then

MsgBox("Please Enter A Selling Price", MessageBoxIcon.Error) Exit Sub

ElseIf Not IsNumeric(TextBox13.Text) Then

MsgBox("Invalid Selling Price", MessageBoxIcon.Error)

Exit Sub

Else

productupdate.Parameters("@sellingprice").Value = TextBox13.Text End If

If ComboBox6.Text = "" Then

MsgBox("Please Select A Money Unit", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@moneyunit").Value = ComboBox6.Text End If

productupdate.Parameters("@taxcost").Value = Label61.Text

If TextBox15.Text = "" Then

MsgBox("Please Enter Stock Amount", MessageBoxIcon.Error) Exit Sub

ElseIf Not IsNumeric(TextBox15.Text) Then

MsgBox("Invalid Stok Amount", MessageBoxIcon.Error) Exit Sub

Else

```
productupdate.Parameters("@stock").Value = TextBox15.Text
```

End If

```
If ComboBox8.Text = "" Then
```

productupdate.Parameters("@location").Value = "-"

Else

productupdate.Parameters("@location").Value = ComboBox8.Text End If

productupdate.Parameters("@barcode").Value = TextBox9.Text Try

Dim i As Integer

i = MsgBox("Do You Want to Update Product Realy", MsgBoxStyle.YesNo, "UPDATE")

If i = 6 Then

pc.ConnectionString = connstr

pc.Open()

productupdate.ExecuteNonQuery()

MsgBox("Product Updated Successfully", MsgBoxStyle.Information) End If Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Finally pc.Close() End Try pc.ConnectionString = connstr Prdctds1.products.Clear() listallproducts.Fill(Prdctds1.products) prdctDataView.RowFilter = "barcode=" & TextBox9.Text spcctrl = 0 Else MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button18_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button18.Click
```

```
If connctrl = 1 Then
```

If DateTimePicker3.Value < DateTimePicker2.Value Then

```
MsgBox("Campaign Starting date Not Greater Then Campaign Finishing
```

date", MessageBoxIcon.Error)

Exit Sub

End If

Dim i As Integer

i = MsgBox("Do You Want to Make A Campaign Realy", MsgBoxStyle.YesNo, "CAMPAIGN")

If i = 6 Then

If CheckBox2.Checked = True And CheckBox1.Checked = True Then campaignupdate.Parameters("@startingdate").Value =

DateTimePicker2.Text

campaignupdate.Parameters("@finishingdate").Value =

DateTimePicker3.Text

ElseIf CheckBox1.Checked = False Then

campaignupdate.Parameters("@startingdate").Value = "31.12.9998"

campaignupdate.Parameters("@finishingdate").Value = "31.12.9998"

ElseIf CheckBox1.Checked = True And CheckBox2.Checked = False Then campaignupdate.Parameters("@startingdate").Value = DateTime.Today campaignupdate.Parameters("@finishingdate").Value = "31.12.9998"

End If

If TextBox23.Text = "" Then

MsgBox("Please Enter A Campaign Price Or Calculate",

MessageBoxIcon.Error)

Exit Sub

ElseIf Not IsNumeric(TextBox15.Text) Then

MsgBox("Invalid Campaignprice", MessageBoxIcon.Error) Exit Sub

Else

campaignupdate.Parameters("@campaignprice").Value = TextBox23.Text End If

If ComboBox13.Text = "" Then

MsgBox("Please Select A Money Unit", MessageBoxIcon.Error) Exit Sub

Else

campaignupdate.Parameters("@moneyunit").Value = ComboBox13.Text End If

```
If TextBox24.Text = "" Then
```

campaignupdate.Parameters("@notes").Value = "-"

Else

campaignupdate.Parameters("@notes").Value = TextBox24.Text End If

campaignupdate.Parameters("@barcode").Value = TextBox9.Text Try

pc.ConnectionString = connstr

pc.Open()

campaignupdate.ExecuteNonQuery()

MsgBox("Made Campaign Successfully", MsgBoxStyle.Information) Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

pc.ConnectionString = connstr

Prdctds1.products.Clear()

listallproducts.Fill(Prdctds1.products)

Dim slctdr As DataRow

Dim slcti As Integer = 0

cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)

For Each slctdr In Prdctds1.products.Rows

If slctdr.Item("barcode") = TextBox9.Text Then

DataGrid2.Select(slcti)

cm.Position = slcti

End If

slcti += 1

Next

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button17_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button17.Click

If connctrl = 1 Then

If DateTimePicker3.Value < DateTimePicker2.Value Then

MsgBox("Campaign Starting date Not Greater Then Campaign Finishing date", MessageBoxIcon.Error)

Exit Sub

End If

Dim i As Integer

i = MsgBox("Do You Want to Update Campaign Realy", MsgBoxStyle.YesNo, "CAMPAIGN")

If i = 6 Then

If CheckBox2.Checked = True And CheckBox1.Checked = True Then campaignupdate.Parameters("@startingdate").Value =

DateTimePicker2.Text

campaignupdate.Parameters("@finishingdate").Value =

DateTimePicker3.Text

ElseIf CheckBox1.Checked = False Then

campaignupdate.Parameters("@startingdate").Value = "31.12.9998"

campaignupdate.Parameters("@finishingdate").Value = "31.12.9998"

ElseIf CheckBox1.Checked = True And CheckBox2.Checked = False Then

campaignupdate.Parameters("@startingdate").Value = DateTime.Today

campaignupdate.Parameters("@finishingdate").Value = "31.12.9998"

End If

If TextBox23.Text = "" Then

MsgBox("Please Enter A Campaign Price Or Calculate",

MessageBoxIcon.Error)

Exit Sub

Elself Not IsNumeric(TextBox15.Text) Then

MsgBox("Invalid Campaignprice", MessageBoxIcon.Error)

Exit Sub

Else

campaignupdate.Parameters("@campaignprice").Value = TextBox23.Text End If

If ComboBox13.Text = "" Then

MsgBox("Please Select A Money Unit", MessageBoxIcon.Error)

Exit Sub

Else

campaignupdate.Parameters("@moneyunit").Value = ComboBox13.Text End If

```
If TextBox24.Text = "" Then
```

campaignupdate.Parameters("@notes").Value = "-"

Else

campaignupdate.Parameters("@notes").Value = TextBox24.Text End If

campaignupdate.Parameters("@barcode").Value = TextBox9.Text

Try

pc.ConnectionString = connstr

pc.Open()

campaignupdate.ExecuteNonQuery()

MsgBox("Campaign Updated Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

pc.ConnectionString = connstr

Prdctds1.products.Clear()

listallproducts.Fill(Prdctds1.products)

Dim slctdr As DataRow

Dim slcti As Integer = 0

cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)

For Each slctdr In Prdctds1.products.Rows

If slctdr.Item("barcode") = TextBox9.Text Then

DataGrid2.Select(slcti)

cm.Position = slcti

```
End If
```

```
slcti += 1
```

Next

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button16_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button16.Click

If connctrl = 1 Then

pc.ConnectionString = connstr

Dim i As Integer

i = MsgBox("Do You Want to Cancel Campaign Realy", MsgBoxStyle.YesNo, "CAMPAIGN")

If i = 6 Then

campaignupdate.Parameters("@startingdate").Value = "31.12.9998" campaignupdate.Parameters("@finishingdate").Value = "31.12.9998" campaignupdate.Parameters("@campaignprice").Value = 0 campaignupdate.Parameters("@moneyunit").Value = "-" campaignupdate.Parameters("@notes").Value = "-" campaignupdate.Parameters("@barcode").Value = TextBox9.Text

Try

pc.Open()

campaignupdate.ExecuteNonQuery()

MsgBox("Campaign Canceled Successfully", MsgBoxStyle.Information) Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

CheckBox1.Checked = False

Prdctds1.products.Clear()

listallproducts.Fill(Prdctds1.products)

Dim slctdr As DataRow

Dim slcti As Integer = 0

cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)

For Each slctdr In Prdctds1.products.Rows

If slctdr.Item("barcode") = TextBox9.Text Then

```
DataGrid2.Select(slcti)

cm.Position = slcti

End If

slcti += 1

Next

End If

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)
```

Me.Close()

End If

End Sub

```
Private Sub CheckBox3_CheckedChanged(ByVal sender As System.Object, ByVal e
```

```
As System.EventArgs) Handles CheckBox3.CheckedChanged
```

```
If CheckBox3.Checked = True Then
```

```
TextBox32.Enabled = True
```

TextBox32.Focus()

Else

```
TextBox32.Enabled = False
TextBox32.Text = ""
Dim total As Double = 0
Dim dr As DataRow
For Each dr In Bbillitems1.bbitems.Rows
total = total + dr.Item("price")
Next
Label48.Text = total
End If
End Sub
```

Private Sub LinkLabel12_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles LinkLabel12.LinkClicked

```
TabControl1.SelectedIndex = 0
```

End Sub

Private Sub Button13 Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button13.Click If connctrl = 1 Then Dim f5 As New Form5 f5.ShowDialog() If bsctrl = 0 Then Button25.Enabled = False Exit Sub End If Button25.Enabled = True TextBox16.Text = billnoDateTimePicker4.Text = bdate TextBox17.Text = firmidDim fc As New SqlClient.SqlConnection Dim fco As New SqlClient.SqlCommand Dim fname As String fc.ConnectionString = connstr fco.Connection = fcfco.CommandText = "select name from firmdat where (id=" & firmid & ")" fc.Open() fname = fco.ExecuteScalar fc.Close() TextBox18.Text = fnameTextBox19.Text = personid Dim prsnc As New SqlClient.SqlConnection Dim pco As New SqlClient.SqlCommand Dim pco1 As New SqlClient.SqlCommand Dim pname As String prsnc.ConnectionString = connstr pco.Connection = prsnc pco1.Connection = prsnc pco.CommandText = "select name from persondat where (id=" & personid & ")" pco1.CommandText = "select surname from persondat where (id=" & personid & ")"

)

prsnc.Open() pname = pco.ExecuteScalar & " " & pco1.ExecuteScalar prsnc.Close() TextBox20.Text = pname pc.ConnectionString = connstr Dim bida As New SqlClient.SqlDataAdapter selectbillitems.Parameters("@billno").Value = billno bida.SelectCommand = selectbillitems Bbillitems1.bbitems.Clear() bida.Fill(Bbillitems1.bbitems) Label 45.Text = totaltaxcostLabel46.Text = moneyunit Label 48.Text = totalLabel47.Text = moneyunit If discount = 0 Then CheckBox3.Checked = FalseTextBox32.Text = discountElse CheckBox3.Checked = True TextBox32.Text = discountEnd If bsctrl = 0

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub DataGrid3_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid3.CurrentCellChanged cm = CType(Me.BindingContext(bbitemdw), CurrencyManager)

DataGrid3.Select(cm.Position) End Sub

```
Private Sub DataGrid2_CurrentCellChanged(ByVal sender As Object, ByVal e As
System. EventArgs) Handles DataGrid2. CurrentCellChanged
    cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)
    DataGrid2.Select(cm.Position)
```

End Sub

```
Private Sub Button19_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button19.Click
```

```
If connctrl = 1 Then
  Dim f6 As New Form6
  f6.ShowDialog()
  TextBox17.Text = fid
  TextBox18.Text = firmname
```

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

```
Me.Close()
  End If
End Sub
```

```
Private Sub TabPage4 MouseMove(ByVal sender As Object, ByVal e As
System.Windows.Forms.MouseEventArgs) Handles TabPage4.MouseMove
    If TextBox19.Text = "" Or TextBox20.Text = "" Then
      TextBox19.Text = pid
      TextBox20.Text = pname & " " & surname
    End If
  End Sub
```

Private Sub Button12_Click(ByVal sender As System.Object, ByVal e Assi System.EventArgs) Handles Button12.Click E LIBRARY F

If connctrl = 1 Then

Dim f7 As New Form7 f7.ShowDialog() TextBox21.Text = barcode TextBox22.Text = producttype TextBox25.Text = mark TextBox26.Text = packageamount TextBox27.Text = packageunit TextBox28.Text = packagetype

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close() End If End Sub

```
Private Sub TextBox30_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox30.TextChanged
If TextBox29.Text = "" Or TextBox30.Text = "" Or Not
IsNumeric(TextBox30.Text) Then
Exit Sub
End If
Dim price As Double
Dim vad As Double
Dim vad cost As Double
price = TextBox29.Text
vad = TextBox29.Text
vad = (vad / 100) + 1
vadcost = price - (price / vad)
TextBox33.Text = Math.Round(vadcost, 2)
```

End Sub

Private Sub TextBox29_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox29.TextChanged

If TextBox29.Text = "" Or TextBox30.Text = "" Or Not IsNumeric(TextBox30.Text) Then Exit Sub End If Dim price As Double Dim vad As Double Dim vadcost As Double price = TextBox29.Text vad = TextBox30.Text vad = (vad / 100) + 1 vadcost = price - (price / vad) TextBox33.Text = Math.Round(vadcost, 2) End Sub

Private Sub Button26_Click(ByVal sender As System.Object, ByVal e As

System.EventArgs) Handles Button26.Click

TextBox16.Text = "" DateTimePicker4.Text = "" TextBox17.Text = "" TextBox18.Text = "" TextBox19.Text = "" TextBox20.Text = "" TextBox21.Text = "" TextBox22.Text = "" TextBox25.Text = "" TextBox26.Text = "" TextBox27.Text = "" TextBox28.Text = "" TextBox29.Text = "" ComboBox7.Text = "" TextBox30.Text = "" TextBox31.Text = "" TextBox33.Text = "" CheckBox3.Checked = False TextBox32.Text = "" Label46.Text = "" Label47.Text = "" Label45.Text = 0 Label48.Text = 0 Bbillitems1.bbitems.Clear() Button25.Enabled = False End Sub

```
Private Sub Button21_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button21.Click
    If connctrl = 1 Then
      Dim dr As DataRow
      dr = Bbillitems1.bbitems.NewRow
      If TextBox16.Text = "" Then
         MsgBox("Please Enter A Bill No", MessageBoxIcon.Error)
         TextBox16.Focus()
         Exit Sub
       Else
         dr.Item("billno") = TextBox16.Text
       End If
       If TextBox21.Text = "" Then
         MsgBox("Please Enter A Barcode", MessageBoxIcon.Error)
         TextBox21.Focus()
         Exit Sub
       Else
         dr.Item("barcode") = TextBox21.Text
         dr.Item("producttype") = TextBox22.Text
         dr.Item("mark") = TextBox25.Text
         dr.Item("packageamount") = TextBox26.Text
         dr.Item("packageunit") = TextBox27.Text
         dr.Item("packagetype") = TextBox28.Text
       End If
       If TextBox31.Text = "" Then
```

```
MsgBox("Please Enter Amount", MessageBoxIcon.Error)
  TextBox31.Focus()
  Exit Sub
Else
  dr.Item("amount") = TextBox31.Text
End If
If TextBox30.Text = "" Then
  MsgBox("Please Enter VAD as Percent", MessageBoxIcon.Error)
  TextBox30.Focus()
  Exit Sub
Else
  dr.Item("tax") = TextBox30.Text
End If
If TextBox29.Text = "" Then
  MsgBox("Please Enter A Price", MessageBoxIcon.Error)
  TextBox29.Focus()
  Exit Sub
Else
  dr.Item("price") = TextBox29.Text
End If
If ComboBox7.Text = "" Then
  MsgBox("Please Select A Moneyunit", MessageBoxIcon.Error)
  ComboBox7.Focus()
  Exit Sub
Else
  dr.Item("moneyunit") = ComboBox7.Text
End If
dr.Item("taxcost") = TextBox33.Text
Bbillitems1.bbitems.Rows.Add(dr)
cm = CType(Me.BindingContext(bbitemdw), CurrencyManager)
cm.Position = cm.Count - 1
Dim ttaxcost As Double
Dim total As Double
ttaxcost = Label 45.Text
```

total = Label48.Text

Label45.Text = Math.Round(ttaxcost + TextBox33.Text, 2) Label48.Text = Math.Round(total + TextBox29.Text, 2) Label46.Text = ComboBox7.Text Label47.Text = ComboBox7.Text TextBox20.Text = "" TextBox21.Text = "" TextBox22.Text = "" TextBox25.Text = "" TextBox26.Text = ""

TextBox28.Text = ""

TextBox29.Text = ""

TextBox30.Text = ""

TextBox31.Text = ""

TextBox33.Text = ""

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button22_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button22.Click

If connctrl = 1 Then

If cm.Position ≥ 0 Then

If CheckBox3.Checked = True And TextBox32.Text <> "" Then MsgBox("You Must Cancel Discouunt Before Item Remove", MessageBoxIcon.Error)

Exit Sub

End If

cm = CType(Me.BindingContext(bbitemdw), CurrencyManager)
Dim ttaxcost As Double

Dim total As Double

ttaxcost = Label45.Text

total = Label48.Text

Label45.Text = Math.Round(ttaxcost - DataGrid3.Item(cm.Position, 11), 2)

```
Label48.Text = Math.Round(total - DataGrid3.Item(cm.Position, 9), 2)
```

Bbillitems1.bbitems.Rows.RemoveAt(cm.Position)

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub TextBox32_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox32.TextChanged
```

If TextBox32.Text = "" Or Not IsNumeric(TextBox32.Text) Or

CheckBox3.Checked = False Then

Dim ototal As Double = 0

Dim odr As DataRow

For Each odr In Bbillitems1.bbitems.Rows

```
ototal = ototal + odr.Item("price")
```

Next

Label48.Text = ototal

Exit Sub

End If

Dim total As Double = 0

Dim taxcost As Double = 0

Dim discountamount As Double

Dim dr As DataRow

For Each dr In Bbillitems1.bbitems.Rows

```
total = total + dr.Item("price")
```

```
taxcost = taxcost + dr.Item("taxcost")
```

Next

```
discountamount = ((Math.Round(total - taxcost, 2)) * (TextBox32.Text / 100))
Label48.Text = (Math.Round(Math.Round(total - taxcost, 2) - discountamount, 2))
+ taxcost
```

End Sub

```
Private Sub Button23 Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button23.Click
    If connctrl = 1 Then
       If TextBox16.Text = "" Then
         MsgBox("Please Enter A Bill No", MessageBoxIcon.Error)
         TextBox16.Focus()
         Exit Sub
       Else
         bbilladd.Parameters("@billno").Value = TextBox16.Text
       End If
       bbilladd.Parameters("@bdate").Value = DateTimePicker4.Text
       If TextBox17.Text = "" Then
         MsgBox("Please Enter A Firm", MessageBoxIcon.Error)
         TextBox17.Focus()
         Exit Sub
       Else
         bbilladd.Parameters("@firmid").Value = TextBox17.Text
       End If
```

bbilladd.Parameters("@personid").Value = TextBox19.Text bbilladd.Parameters("@totaltaxcost").Value = Label45.Text bbilladd.Parameters("@total").Value = Label48.Text bbilladd.Parameters("@moneyunit").Value = Label47.Text If TextBox32.Text = "" Then bbilladd.Parameters("@discount").Value = 0 Else

bbilladd.Parameters("@discount").Value = TextBox32.Text End If

'firm account save

faccountsave.Parameters("@date").Value = DateTimePicker4.Value

faccoun	tsave.Parameters("@firmid").Value = 0	
faccoun	faccountsave.Parameters("@billno").Value = TextBox16.Text	
faccountsave.Parameters("@recipientfirmid").Value = TextBox17.Text		
faccountsave.Parameters("@recipientfirm").Value = TextBox18.Text		
faccoun	faccountsave.Parameters("@dept").Value = Label48.Text	
faccoun	tsave.Parameters("@payment").Value = 0	
faccoun	ntsave.Parameters("@moneyunit").Value = Label47.Text	
Try		
pc.Co	onnectionString = connstr	
pc.Oj	pen()	
bbilla	add.ExecuteNonQuery() 'buyying bill add	
faccountsave.ExecuteNonQuery() 'firm account save		
Dim	incdr As DataRow	
cm =	CType(Me.BindingContext(bbitemdw), CurrencyManager)	
cm.P	Position = 0	
For H	Each incdr In Bbillitems1.bbitems.Rows	
'bi	llitems add	
bb	itemsadd.Parameters("@billno").Value = DataGrid3.Item(cm.Position,	
0)		
bb	itemsadd.Parameters("@barcode").Value = DataGrid3.Item(cm.Position,	
1)		
bb	itemsadd.Parameters("@amount").Value = DataGrid3.Item(cm.Position,	
7)		
bb	itemsadd.Parameters("@tax").Value = DataGrid3.Item(cm.Position, 8)	
bb	vitemsadd.Parameters("@price").Value = DataGrid3.Item(cm.Position, 9)	
bb	itemsadd.Parameters("@moneyunit").Value =	
DataGrid3.Iten	n(cm.Position, 10)	
bb	vitemsadd.Parameters("@taxcost").Value = DataGrid3.Item(cm.Position,	
11)		
bb	vitemsadd.ExecuteNonQuery()	
'in	creace stock	
Di	im sco As New SqlClient.SqlCommand	
Di	im stock As Double	
SC	o.Connection = pc	

sco.CommandText = "select stock from products where (barcode=" & _ DataGrid3.Item(cm.Position, 1) & ")" stock = sco.ExecuteScalar() stock = stock + DataGrid3.Item(cm.Position, 7) Dim co As New SqlClient.SqlCommand co.Connection = pcco.CommandText = "update products set stock=" & stock & _ "where (barcode=" & DataGrid3.Item(cm.Position, 1) & ")" co.ExecuteNonQuery() 'calculate selling price Dim i As Integer 'find real stok (stock - DataGrid3.Item(cm.Position, 7)) 'find stock amount before not increace If stock - DataGrid3.Item(cm.Position, 7) > 0 Then $i = MsgBox("There Are " \& stock - DataGrid3.Item(cm.Position, 7) \& _$ "-" & DataGrid3.Item(cm.Position, 1) & " -" & DataGrid3.Item(cm.Position, 3) & _ " -" & DataGrid3.Item(cm.Position, 4) & "-" & DataGrid3.Item(cm.Position, 5) & "-" & DataGrid3.Item(cm.Position, 6) & "in Stock" & _ "In Do You Want To Change Selling Price With New Calculated Selling Price", MsgBoxStyle.YesNo, "Change Selling Price") Else

Eise

i = 6

End If

If i = 6 Then

'calculate selling price according to setting formula

Dim sp As Double = 0

Dim wt As Double = 0

Dim utc As Double = 0

Dim total As Double = 0

Dim taxcost As Double = 0

total = incdr.Item("price")

taxcost = incdr.Item("taxcost")

```
wt = Math.Round((total - taxcost) / incdr.Item("amount"), 2)
'read formula from data base
Dim spcco As New SqlClient.SqlCommand
Dim spcda As New SqlClient.SqlDataAdapter
Dim spcds As New DataSet
spcco.Connection = pc
spcco.CommandText = "select * from sellingpricecalc"
spcda.SelectCommand = spcco
spcds.Clear()
spcda.Fill(spcds, "sp")
Dim spcdr As DataRow
Dim pq As Integer = 0
'apply the formula
For Each spcdr In spcds.Tables("sp").Rows
  If spcdr.Item("p1") = "%" Then
     sp = Math.Round(wt * spcdr.Item("p1a"), 2)
     pq = 1
  End If
  If spcdr.Item("p1") = "+" Then
     sp = Math.Round(wt + spcdr.Item("p1a"), 2)
     pq = 1
  End If
  If pq = 1 And spcdr.Item("p2") = "+" Then
     sp = Math.Round(sp + spcdr.Item("p2a"), 2)
  End If
  If pq = 1 And spcdr.Item("p2") = "%" Then
     sp = Math.Round(sp * spcdr.Item("p2a"), 2)
  End If
  If pq = 0 And spcdr.Item("p2") = "+" Then
     sp = Math.Round(wt + spcdr.Item("p2a"), 2)
  End If
  If pq = 0 And spcdr.Item("p2") = "%" Then
     sp = Math.Round(wt * spcdr.Item("p2a"), 2)
  End If
```

Next

utc = Math.Round(taxcost / incdr.Item("amount"), 2)
sp = Math.Round(sp + utc, 2)
'converter (convert x,x to x.x) to sql server
Dim cntr As Integer = 0
Dim nsp As String = ""
Dim nutc As String = ""
While (cntr < sp.ToString.Length)
If sp.ToString.Chars(cntr) = "," Then
 nsp = nsp + "."
Else
 nsp += sp.ToString.Chars(cntr)
End If
 cntr += 1
End While</pre>

cntr = 0

While (cntr < utc.ToString.Length)
If utc.ToString.Chars(cntr) = "," Then
 nutc = nutc + "."
Else
 nutc += utc.ToString.Chars(cntr)
End If</pre>

```
cntr += 1
```

End While

'converter end (price convert x,x to x.x for accept command by sql

query)

Dim spuco As New SqlClient.SqlCommand

spuco.Connection = pc

spuco.CommandText = "update products set sellingprice=" & nsp & _

", taxcost=" & nutc & _

", tax=" & DataGrid3.Item(cm.Position, 8) & _____

"where(barcode=" & DataGrid3.Item(cm.Position, 1) & ")"

spuco.ExecuteNonQuery()

End If

cm.Position += 1

Next

MsgBox("Save Bill Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

If ex.Number = 2627 Then

MsgBox("Already Exist Bill With This Bill No", MessageBoxIcon.Error) Else

MsgBox(ex.Message & " (" & ex.Number & ")")

End If

Finally

pc.Close()

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub ComboBox7_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ComboBox7.SelectedIndexChanged
```

```
Label46.Text = ComboBox7.Text
```

Label47.Text = ComboBox7.Text

End Sub

```
Private Sub Button24_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button24.Click
pc.ConnectionString = connstr
If connctrl = 1 Then
If TextBox16.Text = "" Then
MsgBox("Please Select A Bill No", MessageBoxIcon.Error)
TextBox16.Focus()
Exit Sub
```

End If Dim ic As Integer ic = MsgBox("Do You Want to Update Buyying Bill Realy", MsgBoxStyle.YesNo, "UPDATE") If ic \sim 6 Then Exit Sub

End If

Dim cdr As DataRow

cm = CType(Me.BindingContext(bbitemdw), CurrencyManager)

cm.Position = 0

For Each cdr In Bbillitems1.bbitems.Rows

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

DataGrid3.Item(cm.Position, 1) & ")"

pc.Open()

stock = sco.ExecuteScalar()

pc.Close()

Dim biac As New SqlClient.SqlCommand Dim bia As Double

biac.Connection = pc

biac.CommandText = "select amount from bbitems where (billno=" & _

DataGrid3.Item(cm.Position, 0) & "and barcode=" &

DataGrid3.Item(cm.Position, 1) & _

")"

pc.Open()
bia = biac.ExecuteScalar()

pc.Close()

If stock - bia < 0 Then

MsgBox("You Have Not Enaugh Stok For Update", MessageBoxIcon.Error) Exit Sub End If cm.Position += 1Next cm.Position = 0Dim dr As DataRow For Each dr In Bbillitems1.bbitems.Rows 'Product Stock Update 'find now product's stok Dim sco As New SqlClient.SqlCommand Dim stock As Double sco.Connection = pc sco.CommandText = "select stock from products where (barcode=" & _ DataGrid3.Item(cm.Position, 1) & ")" pc.Open() stock = sco.ExecuteScalar() pc.Close() 'find old added stok Dim biac As New SqlClient.SqlCommand Dim bia As Double biac.Connection = pcbiac.CommandText = "select amount from bbitems where (billno=" & _ DataGrid3.Item(cm.Position, 0) & "and barcode=" & DataGrid3.Item(cm.Position, 1) & _ ")" pc.Open() bia = biac.ExecuteScalar() pc.Close() 'update Product' s Stok Dim ups As New SqlClient.SqlCommand ups.Connection = pc

ups.CommandText = "update products set stock=" & stock - bia & _ "where (barcode=" & DataGrid3.Item(cm.Position, 1) & ")" pc.Open() ups.ExecuteNonQuery() pc.Close() 'increase product stock Dim rsco As New SqlClient.SqlCommand Dim rstock As Double rsco.Connection = pcrsco.CommandText = "select stock from products where (barcode=" & _ DataGrid3.Item(cm.Position, 1) & ")" pc.Open() rstock = rsco.ExecuteScalar() pc.Close() Dim ips As New SqlClient.SqlCommand ips.Connection = pc ips.CommandText = "update products set stock=" & rstock + DataGrid3.Item(cm.Position, 7) & _ "where (barcode=" & DataGrid3.Item(cm.Position, 1) & ")" pc.Open() ips.ExecuteNonQuery() pc.Close() 'finish product's Stock update 'update buying bill items Dim bbida As New SqlClient.SqlDataAdapter 'bbida = buying bill item data adapter Dim bbico As New SqlClient.SqlCommand Dim bbids As New DataSet bbico.Connection = pc bbico.CommandText = "select * from bbitems where billno=" &

TextBox16.Text

bbida.SelectCommand = bbico

bbids.Clear()

bbida.Fill(bbids, "cbbi")

Dim bbidr As DataRow

For Each bbidr In bbids.Tables("cbbi").Rows

If bbidr.Item("barcode") = DataGrid3.Item(cm.Position, 1) Then 'buying bill items update

bbitemsupdate.Parameters("@billno").Value =

DataGrid3.Item(cm.Position, 0)

bbitemsupdate.Parameters("@barcode").Value =

DataGrid3.Item(cm.Position, 1)

bbitemsupdate.Parameters("@amount").Value =

DataGrid3.Item(cm.Position, 7)

bbitemsupdate.Parameters("@tax").Value =

DataGrid3.Item(cm.Position, 8)

bbitemsupdate.Parameters("@price").Value =

DataGrid3.Item(cm.Position, 9)

```
bbitemsupdate.Parameters("@moneyunit").Value =
```

DataGrid3.Item(cm.Position, 10)

bbitemsupdate.Parameters("@taxcost").Value =

DataGrid3.Item(cm.Position, 11)

Try

```
pc.Open()
```

bbitemsupdate.ExecuteNonQuery()

Exit For

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

Else

'buying bill items add

bbitemsadd.Parameters("@billno").Value = DataGrid3.Item(cm.Position,

```
bbitemsadd.Parameters("@barcode").Value =
```

DataGrid3.Item(cm.Position, 1)

bbitemsadd.Parameters("@amount").Value =

DataGrid3.Item(cm.Position, 7)

bbitemsadd.Parameters("@tax").Value = DataGrid3.Item(cm.Position, 8) bbitemsadd.Parameters("@price").Value = DataGrid3.Item(cm.Position,

9)

```
bbitemsadd.Parameters("@moneyunit").Value =
```

DataGrid3.Item(cm.Position, 10)

```
bbitemsadd.Parameters("@taxcost").Value =
```

DataGrid3.Item(cm.Position, 11)

Try

pc.Open() bbitemsadd.ExecuteNonQuery() Exit For Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try End If

'calculate selling price

Dim i As Integer

Next

If stock - bia > 0 Then

i = MsgBox("There Are " & stock & _

```
" -" & DataGrid3.Item(cm.Position, 1) &
```

```
"-" & DataGrid3.Item(cm.Position, 3) &
```

"-" & DataGrid3.Item(cm.Position, 4) &

" -" & DataGrid3.Item(cm.Position, 5) & _

" -" & DataGrid3.Item(cm.Position, 6) & "in Stock" &

"\n Do You Want To Change Selling Price With New Calculated Selling Price", MsgBoxStyle.YesNo, "Change Selling Price")

Else

i = 6

End If

If i = 6 Then

'calculate selling price according to setting formula

Dim sp As Double = 0

Dim wt As Double = 0

Dim utc As Double = 0

Dim total As Double = 0

Dim taxcost As Double = 0

total = dr.Item("price")

taxcost = dr.Item("taxcost")

wt = Math.Round((total - taxcost) / dr.Item("amount"), 2)

'read formula from data base

Dim spcco As New SqlClient.SqlCommand

Dim spcda As New SqlClient.SqlDataAdapter

Dim spcds As New DataSet

spcco.Connection = pc

spcco.CommandText = "select * from sellingpricecalc"

spcda.SelectCommand = spcco

spcds.Clear()

spcda.Fill(spcds, "sp")

Dim spcdr As DataRow

Dim pq As Integer = 0

'apply the formula

For Each spcdr In spcds.Tables("sp").Rows

If spcdr.Item("p1") = "%" Then

sp = Math.Round(wt * spcdr.Item("p1a"), 2)

pq = 1

End If

If spcdr.Item("p1") = "+" Then

sp = Math.Round(wt + spcdr.Item("p1a"), 2)

```
pq = 1
 End If
 If pq = 1 And spcdr.Item("p2") = "+" Then
    sp = Math.Round(sp + spcdr.Item("p2a"), 2)
 End If
 If pq = 1 And spcdr.Item("p2") = "%" Then
    sp = Math.Round(sp * spcdr.Item("p2a"), 2)
  End If
  If pq = 0 And spcdr.Item("p2") = "+" Then
    sp = Math.Round(wt + spcdr.Item("p2a"), 2)
  End If
  If pq = 0 And spcdr.Item("p2") = "%" Then
    sp = Math.Round(wt * spcdr.Item("p2a"), 2)
  End If
Next
utc = Math.Round(taxcost / dr.Item("amount"), 2)
sp = Math.Round(sp + utc, 2)
'converter (convert x,x to x.x) to sql server
Dim cntr As Integer = 0
Dim nsp As String = ""
Dim nutc As String = ""
While (cntr < sp.ToString.Length)
   If sp.ToString.Chars(cntr) = "," Then
     nsp = nsp + "."
   Else
```

```
nsp += sp.ToString.Chars(cntr)
End If
cntr += 1
End While
MsgBox(nsp)
cntr = 0
While (cntr < utc.ToString.Length)
If utc.ToString.Chars(cntr) = "," Then
nutc = nutc + "."</pre>
```

```
Else
```

nutc += utc.ToString.Chars(cntr)

End If

cntr += 1

End While

'converter end (price convert x,x to x.x for accept command by sql query)

Dim spuco As New SqlClient.SqlCommand

spuco.Connection = pc

spuco.CommandText = "update products set sellingprice=" & nsp & _

", taxcost=" & nutc & _

", tax=" & DataGrid3.Item(cm.Position, 8) & _

"where(barcode=" & DataGrid3.Item(cm.Position, 1) & ")"

pc.Open()

```
spuco.ExecuteNonQuery()
```

pc.Close()

End If

```
cm.Position = cm.Position + 1
```

Next

'if product have not in new list delete and product stock update

Dim cbbida As New SqlClient.SqlDataAdapter 'cbbida = control buying bill item data adapter

Dim cbbico As New SqlClient.SqlCommand

Dim cbbids As New DataSet

cbbico.Connection = pc

cbbico.CommandText = "select * from bbitems where billno=" &

TextBox16.Text

cbbida.SelectCommand = cbbico

cbbids.Clear()

cbbida.Fill(cbbids, "cbbi")

Dim cbbidr As DataRow

cm.Position = 0

For Each cbbidr In cbbids.Tables("cbbi").Rows

If cbbidr.Item("barcode") \Leftrightarrow DataGrid3.Item(cm.Position, 1) Then

```
Dim rsco As New SqlClient.SqlCommand
          Dim rstock As Double
          rsco.Connection = pc
          cbbidr.Item("barcode") & ")"
          pc.Open()
          rstock = rsco.ExecuteScalar()
          pc.Close()
          Dim ups As New SqlClient.SqlCommand
          ups.Connection = pc
          ups.CommandText = "update products set stock=" & rstock -
cbbidr.Item("amount") & _
          "where (barcode=" & cbbidr.Item("barcode") & ")"
          pc.Open()
          ups.ExecuteNonQuery()
          pc.Close()
          Dim dico As New SqlClient.SqlCommand
          dico.Connection = pc
          dico.CommandText = "delete from bbitems where(billno=" &
TextBox16.Text &
          "and barcode=" & cbbidr.Item("barcode") & ")"
          pc.Open()
          dico.ExecuteNonQuery()
          pc.Close()
        End If
        cm.Position += 1
      Next
```

Exit Sub

Else

buyingbillupdate.Parameters("@firmid").Value = TextBox17.Text End If

buyingbillupdate.Parameters("@personid").Value = TextBox19.Text buyingbillupdate.Parameters("@totaltaxcost").Value = Label45.Text buyingbillupdate.Parameters("@total").Value = Label48.Text buyingbillupdate.Parameters("@moneyunit").Value = Label47.Text If TextBox32.Text = "" Then

buyingbillupdate.Parameters("@discount").Value = 0

Else

buyingbillupdate.Parameters("@discount").Value = TextBox32.Text End If

'firm account update

faccountupdate.Parameters("@date").Value = DateTimePicker4.Value faccountupdate.Parameters("@firmid").Value = 0

faccountupdate.Parameters("@billno").Value = TextBox16.Text

faccountupdate.Parameters("@recipientfirmid").Value = TextBox17.Text

faccountupdate.Parameters("@recipientfirm").Value = TextBox18.Text

faccountupdate.Parameters("@dept").Value = Label48.Text

faccountupdate.Parameters("@payment").Value = 0

faccountupdate.Parameters("@moneyunit").Value = Label47.Text

Try

pc.ConnectionString = connstr

pc.Open()

buyingbillupdate.ExecuteNonQuery() 'buyying bill update

faccountupdate.ExecuteNonQuery() 'firm account update

MsgBox("Update Bill Successfully", MsgBoxStyle.Information) Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close() End Try
Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button25_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button25.Click

If connctrl = 1 Then

Dim faco As New SqlClient.SqlCommand

Dim dco As New SqlClient.SqlCommand

Dim dico As New SqlClient.SqlCommand

pc.ConnectionString = connstr

faco.Connection = pc

dco.Connection = pc

dico.Connection = pc

faco.CommandText = "delete from firmaccount where(billno=" &

TextBox16.Text & ")"

```
dco.CommandText = "delete from buyingbill where(billno= " &
```

TextBox16.Text & ")"

dico.CommandText = "delete from bbitems where(billno=" & TextBox16.Text
& ")"

Try

Dim i As Integer

i = MsgBox("Do You Want to Delete Buyying Bill Realy. This Process Maybe Effect Another Process", MsgBoxStyle.YesNo + MessageBoxIcon.Question, "DELETE")

```
If i = 6 Then

pc.Open()

Dim cdr As DataRow

Dim dr As DataRow

cm = CType(Me.BindingContext(bbitemdw), CurrencyManager)

cm.Position = 0
```

For Each cdr In Bbillitems1.bbitems.Rows

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

DataGrid3.Item(cm.Position, 1) & ")"

stock = sco.ExecuteScalar()

If stock < DataGrid3.Item(cm.Position, 7) Then

MsgBox("Canceled Delete Process You Have Not Enough Stock",

MsgBoxStyle.Critical, "cancel")

Exit Sub

End If

Next

'decrease stock

cm.Position = 0

For Each dr In Bbillitems1.bbitems.Rows

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

DataGrid3.Item(cm.Position, 1) & ")"

stock = sco.ExecuteScalar()

stock = stock - DataGrid3.Item(cm.Position, 7)

Dim co As New SqlClient.SqlCommand

co.Connection = pc

co.CommandText = "update products set stock=" & stock & _

"where (barcode=" & DataGrid3.Item(cm.Position, 1) & ")"

co.ExecuteNonQuery()

cm.Position += 1

Next

'decrease stok end

faco.ExecuteNonQuery()

dco.ExecuteNonQuery()

dico.ExecuteNonQuery()

MsgBox("Buying Bill Deleted Successfully", MsgBoxStyle.Information) TextBox16.Text = "" DateTimePicker4.Text = "" TextBox17.Text = "" TextBox18.Text = "" TextBox19.Text = "" TextBox20.Text = "" Label45.Text = "" Label46.Text = "" Label47.Text = "" Label48.Text = "" CheckBox3.Checked = False TextBox32.Text = "" Bbillitems1.bbitems.Clear() Button 25. Enabled = FalseEnd If Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Finally pc.Close() End Try Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub LinkLabel13_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel13.LinkClicked
```

TabControl1.SelectedIndex = 0 End Sub Private Sub Button20_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button20.Click

If connectrl = 1 Then

cm = CType(Me.BindingContext(fisdw), CurrencyManager)

If TextBox10.Text = "" Or Not IsNumeric(TextBox10.Text) Then

MsgBox("Invalid Firm ID", MessageBoxIcon.Error)

Exit Sub

End If

Dim fisco As New SqlClient.SqlCommand

Dim fisda As New SqlClient.SqlDataAdapter

Dim fisds As New DataSet

pc.ConnectionString = connstr

fisco.Connection = pc

fisco.CommandText = "select * from firmdat where (id=" & TextBox10.Text &

")"

fisda.SelectCommand = fisco

```
fisda.Fill(fisds, "fis")
```

fisdw.Table = fisds.Tables("fis")

If cm.Position < 0 Then

MsgBox("Firm Not Found (Invalid Firm No)", MessageBoxIcon.Error)

TextBox10.Focus()

End If

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub TextBox10_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox10.TextChanged

Me.AcceptButton = Button20

End Sub

Private Sub TextBox34_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox34.TextChanged

Me.AcceptButton = Button28

End Sub

```
Private Sub Button28_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button28.Click
```

If connctrl = 1 Then

cm = CType(Me.BindingContext(fisdw), CurrencyManager)

If TextBox34.Text = "" Then

MsgBox("Firm Name Not Equal To Blank", MessageBoxIcon.Error) Exit Sub

End If

Dim fnsco As New SqlClient.SqlCommand

Dim fnsda As New SqlClient.SqlDataAdapter

Dim fnsds As New DataSet

pc.ConnectionString = connstr

fnsco.Connection = pc

fnsco.CommandText = "select * from firmdat where (name like " &

TextBox34.Text & "%')"

fnsda.SelectCommand = fnsco

fnsda.Fill(fnsds, "fns")

fisdw.Table = fnsds.Tables("fns")

If cm.Position < 0 Then

MsgBox("Firm(s) Not Found At This Name", MessageBoxIcon.Error) TextBox34.Focus()

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub LinkLabel14_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles LinkLabel14.LinkClicked

Dim i As Integer i = MsgBox("Are Sure Exit Your Account", MsgBoxStyle.YesNo, "Sign Out") If i = 6 Then Me.Close() End If End Sub

```
Private Sub Button29_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button29.Click
```

If connctrl = 1 Then

If TextBox34.Text = "" Then

MsgBox("Enter A Firm Name", MessageBoxIcon.Error)

TextBox34.Focus()

Exit Sub

Else

firmsadd.Parameters("@name").Value = TextBox34.Text

End If

If TextBox35.Text = "" Then

MsgBox("Enter An Address", MessageBoxIcon.Error)

TextBox35.Focus()

Exit Sub

Else

firmsadd.Parameters("@address").Value = TextBox35.Text End If

Linu n

If TextBox37.Text = "" Then

firmsadd.Parameters("@phone1").Value = "-"

Else

firmsadd.Parameters("@phone1").Value = TextBox37.Text

End If

If TextBox38.Text = "" Then

firmsadd.Parameters("@phone2").Value = "-"

Else

```
firmsadd.Parameters("@phone2").Value = TextBox38.Text
 End If
If TextBox39.Text = "" Then
   firmsadd.Parameters("@fax1").Value = "-"
Else
   firmsadd.Parameters("@fax1").Value = TextBox39.Text
End If
If TextBox40.Text = "" Then
   firmsadd.Parameters("@fax2").Value = "-"
Else
   firmsadd.Parameters("@fax2").Value = TextBox40.Text
End If
If TextBox36.Text = "" Then
  firmsadd.Parameters("@email").Value = "-"
Else
  firmsadd.Parameters("@email").Value = TextBox36.Text
End If
If TextBox41.Text = "" Then
  firmsadd.Parameters("@webpage").Value = "-"
Else
  firmsadd.Parameters("@webpage").Value = TextBox41.Text
End If
Try
  pc.ConnectionString = connstr
  pc.Open()
  firmsadd.ExecuteNonQuery()
  MsgBox("Firm Save Successfully", MsgBoxStyle.Information)
Catch ex As SqlClient.SqlException
  MsgBox(ex.Message & " (" & ex.Number & ")")
  Exit Sub
Finally
  pc.Close()
```

```
End Try
```

Dim lafco As New SqlClient.SqlCommand Dim lafda As New SqlClient.SqlDataAdapter Dim lafds As New DataSet lafds.Clear() pc.ConnectionString = connstr lafco.Connection = pc lafco.CommandText = "select * from firmdat" lafda.SelectCommand = lafco lafda.Fill(lafds, "laf") fisdw.Table = lafds.Tables("laf")

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub DataGrid5 DoubleClick(ByVal sender As Object, ByVal e As System. EventArgs) Handles DataGrid5. DoubleClick cm = CType(Me.BindingContext(fisdw), CurrencyManager) TextBox10.Text = DataGrid5.Item(cm.Position, 0) TextBox34.Text = DataGrid5.Item(cm.Position, 1) TextBox35.Text = DataGrid5.Item(cm.Position, 2) TextBox37.Text = DataGrid5.Item(cm.Position, 3) TextBox38.Text = DataGrid5.Item(cm.Position, 4) TextBox39.Text = DataGrid5.Item(cm.Position, 5) TextBox40.Text = DataGrid5.Item(cm.Position, 6) TextBox36.Text = DataGrid5.Item(cm.Position, 7) TextBox41.Text = DataGrid5.Item(cm.Position, 8) TextBox10.Enabled = False Button30.Enabled = True Button31.Enabled = TrueButton 29. Enabled = False End Sub

Private Sub Button33_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button33.Click

ProgressBar2.Visible = True ProgressBar2.Value = 10Dim lafco As New SqlClient.SqlCommand ProgressBar2.Value += 10 Dim lafda As New SqlClient.SqlDataAdapter ProgressBar2.Value += 10 Dim lafds As New DataSet lafds.Clear() ProgressBar2.Value += 15pc.ConnectionString = connstr ProgressBar2.Value += 10lafco.Connection = pclafco.CommandText = "select * from firmdat" ProgressBar2.Value += 15 lafda.SelectCommand = lafco ProgressBar2.Value += 10 lafda.Fill(lafds, "laf") ProgressBar2.Value += 10 fisdw.Table = lafds.Tables("laf") ProgressBar2.Value += 10ProgressBar2.Visible = False End Sub

Private Sub Button32_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button32.Click

TextBox10.Text = "" TextBox34.Text = "" TextBox35.Text = "" TextBox36.Text = "" TextBox37.Text = "" TextBox38.Text = "" TextBox39.Text = "" TextBox40.Text = "" TextBox41.Text = "" fisdw.Table.Reset() TextBox10.Enabled = True Button29.Enabled = True Button30.Enabled = False Button31.Enabled = False End Sub

Private Sub Button30_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button30.Click

Dim i As Integer

i = MsgBox("Do You Want to Delete This Firm Realy", MsgBoxStyle.YesNo) If i \diamond 6 Then

Exit Sub

End If

Dim dfco As New SqlClient.SqlCommand

dfco.Connection = pc

pc.ConnectionString = connstr

dfco.CommandText = "delete from firmdat where ([id]=" & TextBox10.Text & ")"

Try

pc.Open()

dfco.ExecuteNonQuery()

MsgBox("Firm Deleted Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

Dim lafco As New SqlClient.SqlCommand

Dim lafda As New SqlClient.SqlDataAdapter

Dim lafds As New DataSet

lafds.Clear() pc.ConnectionString = connstr lafco.Connection = pclafco.CommandText = "select * from firmdat" lafda.SelectCommand = lafco lafda.Fill(lafds, "laf") fisdw.Table = lafds.Tables("laf") TextBox10.Text = "" TextBox34.Text = "" TextBox35.Text = "" TextBox36.Text = "" TextBox37.Text = "" TextBox38.Text = "" TextBox39.Text = "" TextBox40.Text = "" TextBox41.Text = "" TextBox10.Enabled = TrueButton29.Enabled = True Button 30. Enabled = False Button 31.Enabled = FalseEnd Sub

Private Sub Button31_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button31.Click

If connectrl = 1 Then

Dim i As Integer

i = MsgBox("Do You Want to Update This Firm Realy", MsgBoxStyle.YesNo)

If $i \diamond 6$ Then

Exit Sub

End If

If TextBox34.Text = "" Then

MsgBox("Enter A Firm Name", MessageBoxIcon.Error)

TextBox34.Focus()

Exit Sub

Else

firmupdate.Parameters("@name").Value = TextBox34.Text End If

If TextBox35.Text = "" Then

MsgBox("Enter An Address", MessageBoxIcon.Error)

TextBox35.Focus()

Exit Sub

Else

firmupdate.Parameters("@address").Value = TextBox35.Text

End If

If TextBox37.Text = "" Then

firmupdate.Parameters("@phone1").Value = "-"

Else

firmupdate.Parameters("@phone1").Value = TextBox37.Text

End If

If TextBox38.Text = "" Then

firmupdate.Parameters("@phone2").Value = "-"

Else

firmupdate.Parameters("@phone2").Value = TextBox38.Text

End If

If TextBox39.Text = "" Then

firmupdate.Parameters("@fax1").Value = "-"

Else

firmupdate.Parameters("@fax1").Value = TextBox39.Text

End If

```
If TextBox40.Text = "" Then
```

firmupdate.Parameters("@fax2").Value = "-"

Else

firmupdate.Parameters("@fax2").Value = TextBox40.Text End If

If TextBox36.Text = "" Then

firmupdate.Parameters("@email").Value = "-"

Else

firmupdate.Parameters("@email").Value = TextBox36.Text

End If

If TextBox41.Text = "" Then

firmupdate.Parameters("@webpage").Value = "-"

Else

firmupdate.Parameters("@webpage").Value = TextBox41.Text End If

firmupdate.Parameters("@id").Value = TextBox10.Text

Try

pc.ConnectionString = connstr

pc.Open()

firmupdate.ExecuteNonQuery()

MsgBox("Firm Updated Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

Dim lafco As New SqlClient.SqlCommand

Dim lafda As New SqlClient.SqlDataAdapter

Dim lafds As New DataSet

lafds.Clear()

pc.ConnectionString = connstr

lafco.Connection = pc

lafco.CommandText = "select * from firmdat"

lafda.SelectCommand = lafco

lafda.Fill(lafds, "laf")

fisdw.Table = lafds.Tables("laf")

TextBox10.Text = ""

TextBox34.Text = ""

TextBox35.Text = ""

TextBox36.Text = ""

TextBox37.Text = ""

TextBox38.Text = ""

TextBox39.Text = "" TextBox40.Text = "" TextBox41.Text = "" TextBox10.Enabled = True Button29.Enabled = True Button30.Enabled = False Button31.Enabled = False Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub MenuItem1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem1.Click

cm = CType(Me.BindingContext(fisdw), CurrencyManager) TextBox10.Text = DataGrid5.Item(cm.Position, 0) TextBox34.Text = DataGrid5.Item(cm.Position, 1) TextBox35.Text = DataGrid5.Item(cm.Position, 2) TextBox37.Text = DataGrid5.Item(cm.Position, 3) TextBox38.Text = DataGrid5.Item(cm.Position, 4) TextBox39.Text = DataGrid5.Item(cm.Position, 5) TextBox40.Text = DataGrid5.Item(cm.Position, 6) TextBox36.Text = DataGrid5.Item(cm.Position, 7) TextBox41.Text = DataGrid5.Item(cm.Position, 8) TextBox10.Enabled = False Button30.Enabled = True Button31.Enabled = True

End Sub

Private Sub DataGrid5_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid5.CurrentCellChanged

```
cm = CType(Me.BindingContext(fisdw), CurrencyManager)
DataGrid5.Select(cm.Position)
End Sub
```

```
Private Sub Button35_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button35.Click
```

Dim f7 As New Form7 f7.ShowDialog()

If spctrl = 0 Then

Exit Sub

End If

```
Label59.Text = mark & " " & producttype & " " & packageamount & " " &
```

packageunit & " " & packagetype

TextBox43.Text = barcode

If campaignprice = 0 Then

TextBox42.Text = sellingprice

ElseIf startingdate <= DateTime.Today And finishingdate >= DateTime.Today Then

TextBox42.Text = campaignprice

Else

TextBox42.Text = sellingprice

End If

Label62.Text = moneyunit

TextBox44.Text = 1

TextBox44.Focus()

TextBox44.SelectAll()

Me.AcceptButton = Button40

spctrl = 0

End Sub

Private Sub Button39_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button39.Click

TextBox43.Text = "" TextBox42.Text = "" TextBox44.Text = 1 Label59.Text = "" Label62.Text = "" Label65.Text = 0 Label66.Text = "" Label68.Text = 0 Label69.Text = "" Label71.Text = "" Label72.Text = "" Button36.Enabled = False Button37.Enabled = False Button38.Enabled = False Sbillitems1.sellingbill.Clear()

Private Sub LinkLabel15_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles LinkLabel15.LinkClicked

TabControl1.SelectedIndex = 0

End Sub

Private Sub Button40_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button40.Click If connctrl = 1 Then

pc.ConnectionString = connstr Dim sco As New SqlClient.SqlCommand Dim stock As Double sco.Connection = pc sco.CommandText = "select stock from products where (barcode=" & _ TextBox43.Text & ")" pc.Open() stock = sco.ExecuteScalar() pc.Close() If stock - TextBox44.Text < 0 Then</pre> MsgBox("There Is Not Enough Stock For This " & Label59.Text & " Product", MessageBoxIcon.Error)

Exit Sub End If Dim dr As DataRow dr = Sbillitems1.sellingbill.NewRow If TextBox43.Text = "" Then MsgBox("Please Enter A Barcode", MessageBoxIcon.Error) TextBox43.Focus() Exit Sub Else dr.Item("barcode") = TextBox43.Text dr.Item("producttype") = producttype dr.Item("mark") = mark dr.Item("packageamount") = packageamount dr.Item("packageunit") = packageunit dr.Item("packagetype") = packagetype End If If TextBox44.Text = "" Then MsgBox("Please Enter Amount", MessageBoxIcon.Error) TextBox44.Focus() Exit Sub Else dr.Item("amount") = TextBox44.Text End If dr.Item("tax") = taxdr.Item("price") = TextBox42.Text dr.Item("moneyunit") = Label62.Text dr.Item("taxcost") = taxcost Sbillitems1.sellingbill.Rows.Add(dr) cm = CType(Me.BindingContext(sbillitemsdw), CurrencyManager)

cm.Position = cm.Count - 1

Dim total As Double

Dim ttaxcost As Double

ttaxcost = taxcost * TextBox44.Text total = Math.Round(TextBox42.Text * TextBox44.Text, 2) Label68.Text = Math.Round(ttaxcost + Label68.Text, 2) Label65.Text = Math.Round(total + Label65.Text, 2) Label66.Text = moneyunit Label69.Text = moneyunit TextBox43.Text = "" TextBox42.Text = "" TextBox44.Text = 1 Label59.Text = "" Label71.Text = "" Button36.Enabled = True Button37.Enabled = True

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Button 38. Enabled = True

Private Sub Button41_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button41.Click

If connctrl = 1 Then cm = CType(Me.BindingContext(sbillitemsdw), CurrencyManager) If cm.Position >= 0 Then Dim ttaxcost As Double Dim total As Double ttaxcost = Label68.Text total = Label65.Text Label68.Text = Math.Round(ttaxcost - (DataGrid6.Item(cm.Position, 6) * DataGrid6.Item(cm.Position, 10)), 2) Label65.Text = Math.Round(total - (DataGrid6.Item(cm.Position, 6) * DataGrid6.Item(cm.Position, 8)), 2)

Sbillitems1.sellingbill.Rows.RemoveAt(cm.Position)

End If

If cm.Position < 0 Then

Button36.Enabled = False

Button37.Enabled = False

Button38.Enabled = False

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button36_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button36.Click

If connctrl = 1 Then csbilltotal = Label 65.Textcstaxtotal = Label68.Text csmoneyunit = Label66.Text Dim f8 As New Form8 f8.ShowDialog() If csctrl = 0 Then Exit Sub End If Label71.Text = csrepayment Label72.Text = csmoneyunit cm = CType(Me.BindingContext(sbillitemsdw), CurrencyManager) pc.ConnectionString = connstr Dim bn As Long sbilladd.Parameters("@bdate").Value = DateTime.Today sbilladd.Parameters("@personid").Value = pid

sbilladd.Parameters("@personname").Value = pname & surname sbilladd.Parameters("@totaltaxcost").Value = Label68.Text sbilladd.Parameters("@total").Value = Label65.Text sbilladd.Parameters("@moneyunit").Value = Label62.Text sbilladd.Parameters("@paymenttype").Value = "Cash" sbilladd.Parameters("@cashamount").Value = Label65.Text sbilladd.Parameters("@kkartamount").Value = 0 sbilladd.Parameters("@ccardno").Value = "-" Try

pc.Open()

bn = sbilladd.ExecuteScalar()

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

Dim dr As DataRow

cm.Position = 0

For Each dr In Sbillitems1.sellingbill.Rows

sbitemsadd.Parameters("@billno").Value = bn

sbitemsadd.Parameters("@barcode").Value = DataGrid6.Item(cm.Position, 0) sbitemsadd.Parameters("@amount").Value = DataGrid6.Item(cm.Position, 6) sbitemsadd.Parameters("@tax").Value = DataGrid6.Item(cm.Position, 7) sbitemsadd.Parameters("@price").Value = DataGrid6.Item(cm.Position, 8) sbitemsadd.Parameters("@moneyunit").Value = DataGrid6.Item(cm.Position, 10)

9)

sbitemsadd.Parameters("@taxcost").Value = DataGrid6.Item(cm.Position, 10) Try

pc.Open()
sbitemsadd.ExecuteNonQuery()
Catch ex As SqlClient.SqlException
MsgBox(ex.Message & " (" & ex.Number & ")")
Exit Sub

Finally pc.Close() End Try 'decrease Stock Dim sco As New SqlClient.SqlCommand Dim stock As Double sco.Connection = pcsco.CommandText = "select stock from products where (barcode=" & _ DataGrid6.Item(cm.Position, 0) & ")" pc.Open() stock = sco.ExecuteScalar() pc.Close() Dim ups As New SqlClient.SqlCommand ups.Connection = pc ups.CommandText = "update products set stock=" & stock -DataGrid6.Item(cm.Position, 6) & _ "where (barcode=" & DataGrid6.Item(cm.Position, 0) & ")" pc.Open() ups.ExecuteNonQuery() pc.Close() cm.Position += 1Next TextBox43.Text = "" TextBox42.Text = "" TextBox44.Text = 1Label59.Text = "" Label62.Text = "" Label65.Text = 0Label66.Text = "" Label68.Text = 0Label69.Text = "" Button 36. Enabled = False

Button 37. Enabled = False

Button 38. Enabled = False

Sbillitems1.sellingbill.Clear()

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button37_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button37.Click

If connetrl = 1 Then csbilltotal = Label65.Text cstaxtotal = Label 68.Textcsmoneyunit = Label66.Text Dim f9 As New Form9 f9.ShowDialog() If csctrl = 0 Then Exit Sub End If Label71.Text = csrepayment Label72.Text = csmoneyunit cm = CType(Me.BindingContext(sbillitemsdw), CurrencyManager) pc.ConnectionString = connstr Dim bn As Long sbilladd.Parameters("@bdate").Value = DateTime.Today sbilladd.Parameters("@personid").Value = pid sbilladd.Parameters("@personname").Value = pname & surname sbilladd.Parameters("@totaltaxcost").Value = Label68.Text sbilladd.Parameters("@total").Value = Label65.Text sbilladd.Parameters("@moneyunit").Value = Label62.Text sbilladd.Parameters("@paymenttype").Value = "Credit Card" sbilladd.Parameters("(a)cashamount").Value = 0 sbilladd.Parameters("@kkartamount").Value = Label65.Text sbilladd.Parameters("@ccardno").Value = cscardno

Try

pc.Open() bn = sbilladd.ExecuteScalar() Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try Dim dr As DataRow cm.Position = 0For Each dr In Sbillitems1.sellingbill.Rows sbitemsadd.Parameters("@billno").Value = bn sbitemsadd.Parameters("@barcode").Value = DataGrid6.Item(cm.Position, 0) sbitemsadd.Parameters("@amount").Value = DataGrid6.Item(cm.Position, 6) sbitemsadd.Parameters("@tax").Value = DataGrid6.Item(cm.Position, 7) sbitemsadd.Parameters("@price").Value = DataGrid6.Item(cm.Position, 8) sbitemsadd.Parameters("@moneyunit").Value = DataGrid6.Item(cm.Position,

9)

sbitemsadd.Parameters("@taxcost").Value = DataGrid6.Item(cm.Position, 10) Try

pc.Open()

sbitemsadd.ExecuteNonQuery()

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

'decrease Stock

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

```
DataGrid6.Item(cm.Position, 0) & ")"

pc.Open()

stock = sco.ExecuteScalar()

pc.Close()

Dim ups As New SqlClient.SqlCommand

ups.Connection = pc

ups.CommandText = "update products set stock=" & stock -

DataGrid6.Item(cm.Position, 6) & _

"where (barcode=" & DataGrid6.Item(cm.Position, 0) & ")"

pc.Open()

ups.ExecuteNonQuery()

pc.Close()

cm.Position += 1
```

Next

TextBox43.Text = ""

TextBox42.Text = ""

TextBox44.Text = 1

Label59.Text = ""

Label62.Text = ""

Label65.Text = 0

Label66.Text = ""

Label68.Text = 0

Label69.Text = ""

Sbillitems1.sellingbill.Clear()

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button38_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button38.Click

If connctrl = 1 Then

csbilltotal = Label65.Text cstaxtotal = Label68.Text csmoneyunit = Label66.Text Dim f10 As New Form10 f10.ShowDialog() If csctrl = 0 Then Exit Sub End If Label71.Text = csrepaymentLabel72.Text = csmoneyunit cm = CType(Me.BindingContext(sbillitemsdw), CurrencyManager) pc.ConnectionString = connstr Dim bn As Long sbilladd.Parameters("@bdate").Value = DateTime.Today sbilladd.Parameters("@personid").Value = pid sbilladd.Parameters("@personname").Value = pname & surname sbilladd.Parameters("@totaltaxcost").Value = Label68.Text sbilladd.Parameters("@total").Value = Label65.Text sbilladd.Parameters("@moneyunit").Value = Label62.Text sbilladd.Parameters("@paymenttype").Value = "Cash And Credit Card" sbilladd.Parameters("@cashamount").Value = cscashamount sbilladd.Parameters("@kkartamount").Value = cscardamount sbilladd.Parameters("@ccardno").Value = cscardno Try pc.Open() bn = sbilladd.ExecuteScalar() Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try Dim dr As DataRow cm.Position = 0

For Each dr In Sbillitems1.sellingbill.Rows

sbitemsadd.Parameters("@billno").Value = bn sbitemsadd.Parameters("@barcode").Value = DataGrid6.Item(cm.Position, 0) sbitemsadd.Parameters("@amount").Value = DataGrid6.Item(cm.Position, 6) sbitemsadd.Parameters("@tax").Value = DataGrid6.Item(cm.Position, 7) sbitemsadd.Parameters("@price").Value = DataGrid6.Item(cm.Position, 8) sbitemsadd.Parameters("@moneyunit").Value = DataGrid6.Item(cm.Position, 9)

9)

sbitemsadd.Parameters("@taxcost").Value = DataGrid6.Item(cm.Position, 10) Try

pc.Open()

sbitemsadd.ExecuteNonQuery()

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

'decrease Stock

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

DataGrid6.Item(cm.Position, 0) & ")"

pc.Open()

stock = sco.ExecuteScalar()

pc.Close()

Dim ups As New SqlClient.SqlCommand

ups.Connection = pc

ups.CommandText = "update products set stock=" & stock -

DataGrid6.Item(cm.Position, 6) & _

"where (barcode=" & DataGrid6.Item(cm.Position, 0) & ")"

pc.Open()

ups.ExecuteNonQuery()

pc.Close() cm.Position += 1 Next TextBox43.Text = "" TextBox42.Text = "" TextBox44.Text = 1 Label59.Text = "" Label62.Text = "" Label65.Text = 0 Label66.Text = 0 Label68.Text = 0 Label69.Text = "" Sbillitems1.sellingbill.Clear()

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button42_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button42.Click

Dim f7 As New Form7

f7.ShowDialog()

If spetrl = 0 Then

Exit Sub

End If

Label76.Text = mark & " " & producttype & " " & packageamount & " " & packageunit & " " & packagetype

TextBox46.Text = barcode

If campaignprice = 0 Then

TextBox47.Text = sellingprice

ElseIf startingdate <= DateTime.Today And finishingdate >= DateTime.Today

Then

TextBox47.Text = campaignprice Else TextBox47.Text = sellingprice End If Label74.Text = moneyunit TextBox45.Text = 1 TextBox45.Focus() TextBox45.SelectAll() Me.AcceptButton = Button44 spctrl = 0 End Sub

```
Private Sub Button44_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button44.Click
```

If connctrl = 1 Then

pc.ConnectionString = connstr

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

TextBox46.Text & ")"

pc.Open()

stock = sco.ExecuteScalar()

pc.Close()

If stock - TextBox45.Text < 0 Then

MsgBox("There Is Not Enough Stock For This " & Label59.Text & "

Product", MessageBoxIcon.Error)

Exit Sub

End If

Dim dr As DataRow

dr = Sbillitems1.wsellingbill.NewRow

If TextBox46.Text = "" Then

MsgBox("Please Enter A Barcode", MessageBoxIcon.Error)

TextBox46.Focus()

```
Exit Sub
```

Else

```
dr.Item("barcode") = TextBox46.Text
```

dr.Item("producttype") = producttype

dr.Item("mark") = mark

dr.Item("packageamount") = packageamount

dr.Item("packageunit") = packageunit

dr.Item("packagetype") = packagetype

End If

If TextBox45.Text = "" Then

MsgBox("Please Enter Amount", MessageBoxIcon.Error)

TextBox45.Focus()

Exit Sub

Else

dr.Item("amount") = TextBox45.Text

End If

dr.Item("tax") = tax

dr.Item("price") = TextBox47.Text

dr.Item("moneyunit") = Label74.Text

```
dr.Item("taxcost") = taxcost
```

Sbillitems1.wsellingbill.Rows.Add(dr)

cm = CType(Me.BindingContext(wsbillitemsdw), CurrencyManager)

cm.Position = cm.Count - 1

Dim total As Double

Dim ttaxcost As Double

ttaxcost = taxcost * TextBox45.Text

total = Math.Round(TextBox47.Text * TextBox45.Text, 2)

Label81.Text = Math.Round(ttaxcost + Label81.Text, 2)

Label84.Text = Math.Round(total + Label84.Text, 2)

Label83.Text = moneyunit

Label80.Text = moneyunit

TextBox46.Text = ""

TextBox47.Text = ""

TextBox45.Text = 1

Label76.Text = "" Label78.Text = "" Label77.Text = "" Button46.Enabled = True Button47.Enabled = True Button48.Enabled = True

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub DataGrid6_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid6.CurrentCellChanged

```
cm = CType(Me.BindingContext(sbillitemsdw), CurrencyManager)
```

DataGrid6.Select(cm.Position)

End Sub

```
Private Sub DataGrid7_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid7.CurrentCellChanged
```

cm = CType(Me.BindingContext(wsbillitemsdw), CurrencyManager)
DataGrid7.Select(cm.Position)

End Sub

```
Private Sub Button43_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button43.Click
```

If connctrl = 1 Then cm = CType(Me.BindingContext(wsbillitemsdw), CurrencyManager) If cm.Position >= 0 Then Dim ttaxcost As Double Dim total As Double ttaxcost = Label81.Text total = Label84.Text Label81.Text = Math.Round(ttaxcost - (DataGrid7.Item(cm.Position, 6) * DataGrid7.Item(cm.Position, 10)), 2)

Label84.Text = Math.Round(total - (DataGrid7.Item(cm.Position, 6) *

DataGrid7.Item(cm.Position, 8)), 2)

Sbillitems1.wsellingbill.Rows.RemoveAt(cm.Position)

End If

If cm.Position < 0 Then

Button46.Enabled = False

Button47.Enabled = False

Button48.Enabled = False

End If

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button45_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button45.Click

TextBox47.Text = "" TextBox46.Text = "" TextBox45.Text = 1 Label76.Text = "" Label74.Text = "" Label81.Text = 0 Label83.Text = "" Label84.Text = 0 Label80.Text = "" Label78.Text = "" Label77.Text = "" TextBox48.Text = "" Button46.Enabled = False Button47.Enabled = False Button48.Enabled = False Sbillitems1.wsellingbill.Clear() End Sub

```
Private Sub Button47_Click(ByVal sender As System.Object, ByVal e As
System. EventArgs) Handles Button47. Click
    If connctrl = 1 Then
      If TextBox48.Text = "" Or TextBox49.Text = "" Then
         MsgBox("Please Select A Firm", MessageBoxIcon.Error)
         Exit Sub
      End If
      csbilltotal = Label84.Text
       cstaxtotal = Label81.Text
       csmoneyunit = Label 83.Text
       Dim f8 As New Form8
       f8.ShowDialog()
       If csctrl = 0 Then
         Exit Sub
       End If
       Label78.Text = csrepayment
       Label77.Text = csmoneyunit
       cm = CType(Me.BindingContext(wsbillitemsdw), CurrencyManager)
       pc.ConnectionString = connstr
       Dim bn As Long
       swbilladd.Parameters("@bdate").Value = DateTime.Today
       swbilladd.Parameters("@personid").Value = pid
       swbilladd.Parameters("@personname").Value = pname & surname
       swbilladd.Parameters("@firmid").Value = TextBox48.Text
       swbilladd.Parameters("@firmname").Value = TextBox49.Text
       swbilladd.Parameters("@totaltaxcost").Value = Label81.Text
       swbilladd.Parameters("@total").Value = Label84.Text
       swbilladd.Parameters("@moneyunit").Value = Label83.Text
       swbilladd.Parameters("@paymenttype").Value = "Cash"
```

```
swbilladd.Parameters("@cashamount").Value = Label84.Text
swbilladd.Parameters("@kkartamount").Value = 0
swbilladd.Parameters("@ccardno").Value = "-"
Try
  pc.Open()
  bn = swbilladd.ExecuteScalar()
Catch ex As SqlClient.SqlException
  MsgBox(ex.Message & " (" & ex.Number & ")")
  Exit Sub
Finally
  pc.Close()
End Try
Dim co As New SqlClient.SqlCommand
Dim ffn As String
co.Connection = pc
co.CommandText = "select name from firmdat where([id]=0)"
pc.Open()
ffn = co.ExecuteScalar
pc.Close()
'save firm account
faccountsave.Parameters("@date").Value = DateTime.Today
faccountsave.Parameters("@firmid").Value = TextBox48.Text
faccountsave.Parameters("@billno").Value = bn
faccountsave.Parameters("@recipientfirmid").Value = 0
faccountsave.Parameters("@recipientfirm").Value = ffn
faccountsave.Parameters("@dept").Value = Label84.Text
faccountsave.Parameters("(a) payment").Value = 0
faccountsave.Parameters("@moneyunit").Value = Label83.Text
Try
  pc.Open()
  faccountsave.ExecuteNonQuery()
Catch ex As SqlClient.SqlException
```

MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub

Finally pc.Close() End Try Dim dr As DataRow cm.Position = 0For Each dr In Sbillitems1.wsellingbill.Rows swbitemsadd.Parameters("@billno").Value = bn swbitemsadd.Parameters("@barcode").Value = DataGrid7.Item(cm.Position, swbitemsadd.Parameters("@amount").Value = DataGrid7.Item(cm.Position, swbitemsadd.Parameters("@tax").Value = DataGrid7.Item(cm.Position, 7) swbitemsadd.Parameters("@price").Value = DataGrid7.Item(cm.Position, 8) swbitemsadd.Parameters("@moneyunit").Value = DataGrid7.Item(cm.Position, 9)

swbitemsadd.Parameters("@taxcost").Value = DataGrid7.Item(cm.Position,

10)

Try

0)

6)

pc.Open() swbitemsadd.ExecuteNonQuery() Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try 'decrease Stock Dim sco As New SqlClient.SqlCommand Dim stock As Double sco.Connection = pcsco.CommandText = "select stock from products where (barcode=" & DataGrid7.Item(cm.Position, 0) & ")" pc.Open() stock = sco.ExecuteScalar()

pc.Close()

Dim ups As New SqlClient.SqlCommand

ups.Connection = pc

ups.CommandText = "update products set stock=" & stock -

DataGrid7.Item(cm.Position, 6) & _

"where (barcode=" & DataGrid7.Item(cm.Position, 0) & ")"

pc.Open()

ups.ExecuteNonQuery()

pc.Close()

cm.Position += 1

Next

TextBox47.Text = ""

TextBox46.Text = ""

TextBox45.Text = 1

Label76.Text = ""

Label74.Text = ""

Label81.Text = 0

Label83.Text = ""

Label84.Text = 0

Label80.Text = ""

TextBox48.Text = ""

TextBox49.Text = ""

Button46.Enabled = False

Button47.Enabled = False

Button48.Enabled = False

Sbillitems1.wsellingbill.Clear()

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button49_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button49.Click

If connctrl = 1 Then

Dim f6 As New Form6

f6.ShowDialog()

TextBox48.Text = fid

TextBox49.Text = firmname

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button46_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button46.Click

```
If connctrl = 1 Then
  If TextBox48.Text = "" Or TextBox49.Text = "" Then
    MsgBox("Please Select A Firm", MessageBoxIcon.Error)
    Exit Sub
  End If
  csbilltotal = Label84.Text
  cstaxtotal = Label81.Text
  csmoneyunit = Label83.Text
  Dim f9 As New Form9
  f9.ShowDialog()
  If csctrl = 0 Then
    Exit Sub
  End If
  Label78.Text = csrepayment
  Label77.Text = csmoneyunit
  cm = CType(Me.BindingContext(wsbillitemsdw), CurrencyManager)
  pc.ConnectionString = connstr
  Dim bn As Long
```
swbilladd.Parameters("@bdate").Value = DateTime.Today swbilladd.Parameters("@personid").Value = pid swbilladd.Parameters("@personname").Value = pname & surname swbilladd.Parameters("@firmid").Value = TextBox48.Text swbilladd.Parameters("@firmname").Value = TextBox49.Text swbilladd.Parameters("@totaltaxcost").Value = Label81.Text swbilladd.Parameters("@total").Value = Label84.Text swbilladd.Parameters("@moneyunit").Value = Label83.Text swbilladd.Parameters("@paymenttype").Value = "Credit Card" swbilladd.Parameters("@ccashamount").Value = 0 swbilladd.Parameters("@kkartamount").Value = Label84.Text swbilladd.Parameters("@ccardno").Value = Cardit Card"

pc.Open()

bn = swbilladd.ExecuteScalar()

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

Dim co As New SqlClient.SqlCommand

Dim ffn As String

co.Connection = pc

co.CommandText = "select name from firmdat where([id]=0)"

pc.Open()

ffn = co.ExecuteScalar

pc.Close()

'save firm account

faccountsave.Parameters("@date").Value = DateTime.Today faccountsave.Parameters("@firmid").Value = TextBox48.Text

faccountsave.Parameters("@billno").Value = bn

faccountsave.Parameters("@recipientfirmid").Value = 0

faccountsave.Parameters("@recipientfirm").Value = ffn

faccountsave.Parameters("@dept").Value = Label84.Text faccountsave.Parameters("@payment").Value = 0faccountsave.Parameters("@moneyunit").Value = Label83.Text Try pc.Open() faccountsave.ExecuteNonQuery() Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try Dim dr As DataRow cm.Position = 0For Each dr In Sbillitems1.wsellingbill.Rows swbitemsadd.Parameters("@billno").Value = bn swbitemsadd.Parameters("@barcode").Value = DataGrid7.Item(cm.Position, swbitemsadd.Parameters("@amount").Value = DataGrid7.Item(cm.Position, swbitemsadd.Parameters("@tax").Value = DataGrid7.Item(cm.Position, 7) swbitemsadd.Parameters("@price").Value = DataGrid7.Item(cm.Position, 8) swbitemsadd.Parameters("@moneyunit").Value =

0)

6)

DataGrid7.Item(cm.Position, 9)

swbitemsadd.Parameters("@taxcost").Value = DataGrid7.Item(cm.Position,

10)

Try

```
pc.Open()
  swbitemsadd.ExecuteNonQuery()
Catch ex As SqlClient.SqlException
  MsgBox(ex.Message & " (" & ex.Number & ")")
  Exit Sub
Finally
  pc.Close()
```

```
End Try
         'decrease Stock
         Dim sco As New SqlClient.SqlCommand
         Dim stock As Double
         sco.Connection = pc
         sco.CommandText = "select stock from products where (barcode=" & _
         DataGrid7.Item(cm.Position, 0) & ")"
         pc.Open()
         stock = sco.ExecuteScalar()
         pc.Close()
         Dim ups As New SqlClient.SqlCommand
         ups.Connection = pc
         ups.CommandText = "update products set stock=" & stock -
DataGrid7.Item(cm.Position, 6) & _
         "where (barcode=" & DataGrid7.Item(cm.Position, 0) & ")"
         pc.Open()
         ups.ExecuteNonQuery()
         pc.Close()
         cm.Position += 1
       Next
       TextBox47.Text = ""
       TextBox46.Text = ""
       TextBox45.Text = 1
       Label76.Text = ""
       Label74.Text = ""
       Label81.Text = 0
       Label83.Text = ""
       Label84.Text = 0
       Label80.Text = ""
       TextBox48.Text = ""
       TextBox49.Text = ""
       Button46.Enabled = False
       Button 47. Enabled = False
       Button 48. Enabled = False
```

Sbillitems1.wsellingbill.Clear()

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button48_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button48.Click

If connctrl = 1 Then

If TextBox48.Text = "" Or TextBox49.Text = "" Then

MsgBox("Please Select A Firm", MessageBoxIcon.Error) Exit Sub

End If

csbilltotal = Label84.Text

cstaxtotal = Label81.Text

csmoneyunit = Label83.Text

Dim f10 As New Form10

f10.ShowDialog()

If csctrl = 0 Then

Exit Sub

End If

Label78.Text = csrepayment

Label77.Text = csmoneyunit

cm = CType(Me.BindingContext(wsbillitemsdw), CurrencyManager)

pc.ConnectionString = connstr

Dim bn As Long

swbilladd.Parameters("@bdate").Value = DateTime.Today

swbilladd.Parameters("@personid").Value = pid

swbilladd.Parameters("@personname").Value = pname & surname

swbilladd.Parameters("@firmid").Value = TextBox48.Text

swbilladd.Parameters("@firmname").Value = TextBox49.Text

swbilladd.Parameters("@totaltaxcost").Value = Label81.Text

swbilladd.Parameters("@total").Value = Label84.Text swbilladd.Parameters("@moneyunit").Value = Label83.Text swbilladd.Parameters("@paymenttype").Value = "Cash And Credit Card" swbilladd.Parameters("@cashamount").Value = cscashamount swbilladd.Parameters("@kkartamount").Value = cscardamount swbilladd.Parameters("@ccardno").Value = cscardno Try pc.Open() bn = swbilladd.ExecuteScalar()Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try Dim co As New SqlClient.SqlCommand Dim ffn As String co.Connection = pcco.CommandText = "select name from firmdat where([id]=0)" pc.Open() ffn = co.ExecuteScalar pc.Close() 'save firm account faccountsave.Parameters("@date").Value = DateTime.Today faccountsave.Parameters("@firmid").Value = TextBox48.Text faccountsave.Parameters("@billno").Value = bn faccountsave.Parameters("@recipientfirmid").Value = 0faccountsave.Parameters("@recipientfirm").Value = ffn faccountsave.Parameters("@dept").Value = Label84.Text faccountsave.Parameters("@payment").Value = 0 faccountsave.Parameters("@moneyunit").Value = Label83.Text Try pc.Open()

faccountsave.ExecuteNonQuery()

Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try Dim dr As DataRow cm.Position = 0 For Each dr In Sbillitems1.wsellingbill.Rows swbitemsadd.Parameters("@billno").Value = bn swbitemsadd.Parameters("@barcode").Value = DataGrid7.Item(cm.Position,

0)

swbitemsadd.Parameters("@amount").Value = DataGrid7.Item(cm.Position,

6)

swbitemsadd.Parameters("@tax").Value = DataGrid7.Item(cm.Position, 7)
swbitemsadd.Parameters("@price").Value = DataGrid7.Item(cm.Position, 8)
swbitemsadd.Parameters("@moneyunit").Value =

DataGrid7.Item(cm.Position, 9)

swbitemsadd.Parameters("@taxcost").Value = DataGrid7.Item(cm.Position,

10)

Try

pc.Open()

swbitemsadd.ExecuteNonQuery()

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

'decrease Stock

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

```
DataGrid7.Item(cm.Position, 0) & ")"
         pc.Open()
         stock = sco.ExecuteScalar()
         pc.Close()
         Dim ups As New SqlClient.SqlCommand
         ups.Connection = pc
         ups.CommandText = "update products set stock=" & stock -
DataGrid7.Item(cm.Position, 6) & _
         "where (barcode=" & DataGrid7.Item(cm.Position, 0) & ")"
         pc.Open()
         ups.ExecuteNonQuery()
         pc.Close()
         cm.Position += 1
      Next
       TextBox47.Text = ""
       TextBox46.Text = ""
       TextBox45.Text = 1
       Label76.Text = ""
       Label74.Text = ""
```

Label81.Text = 0 Label83.Text = ""

Label84.Text = 0

Label80.Text = ""

TextBox48.Text = ""

TextBox49.Text = ""

Button46.Enabled = False

Button47.Enabled = False

Button48.Enabled = False

Sbillitems1.wsellingbill.Clear()

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close() End If End Sub

```
Private Sub CheckBox4_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CheckBox4.CheckedChanged
```

If CheckBox4.Checked = True Then

CheckBox5.Checked = False

```
Button54.Enabled = True
```

Else

Button54.Enabled = False

```
TextBox50.Text = ""
```

End If

End Sub

```
Private Sub CheckBox5_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CheckBox5.CheckedChanged
```

```
If CheckBox5.Checked = True Then
```

```
CheckBox4.Checked = False
```

Button 55. Enabled = True

Else

```
TextBox51.Text = ""
```

Button55.Enabled = False

End If

End Sub

```
Private Sub LinkLabel16_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
```

LinkLabel16.LinkClicked

TabControl1.SelectedIndex = 0 End Sub

```
Private Sub Button50_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button50.Click
```

If connctrl = 1 Then Dim sbds As New DataSet Dim wsbds As New DataSet

pc.ConnectionString = connstr

- If CheckBox4.Checked = False And CheckBox5.Checked = False Then sbfindastodate.Parameters("@date1").Value = DateTimePicker5.Value wsbfindastodate.Parameters("@date1").Value = DateTimePicker5.Value wsbfindastodate.Parameters("@date2").Value = DateTimePicker5.Value Dim sbda As New SqlClient.SqlDataAdapter sbda.SelectCommand = sbfindastodate sbda.Fill(sbds, "sb") sellingbill.Table = sbds.Tables("sb") Dim wsbda As New SqlClient.SqlDataAdapter wsbda.SelectCommand = wsbfindastodate wsbda.Fill(wsbds, "wsb") m wsbda As New SqlClient.SqlDataAdapter wsbda.Fill(wsbds, "wsb") Sellingbill.Table = sbds.Tables("wsb") ElseIf CheckBox4.Checked = True And CheckBox5.Checked = False Then
- sbfindcn.Parameters("@date1").Value = DateTimePicker5.Value sbfindcn.Parameters("@date2").Value = DateTimePicker6.Value sbfindcn.Parameters("@personid").Value = prsnid wsbfindcn.Parameters("@date1").Value = DateTimePicker5.Value wsbfindcn.Parameters("@date2").Value = DateTimePicker6.Value wsbfindcn.Parameters("@personid").Value = prsnid Dim sbda As New SqlClient.SqlDataAdapter sbda.SelectCommand = sbfindcn sbda.Fill(sbds, "sb") sellingbill.Table = sbds.Tables("sb") Dim wsbda As New SqlClient.SqlDataAdapter wsbda.SelectCommand = wsbfindcn wsbda.Fill(wsbds, "wsb") wsellingbill.Table = wsbds.Tables("wsb") ElseIf CheckBox4.Checked = False And CheckBox5.Checked = True Then sellingbill.Table.Clear() wsbfindfn.Parameters("@date1").Value = DateTimePicker5.Value wsbfindfn.Parameters("@date2").Value = DateTimePicker6.Value

```
wsbfindfn.Parameters("@firmid").Value = fid
  Dim wsbda As New SqlClient.SqlDataAdapter
  wsbda.SelectCommand = wsbfindfn
  wsbda.Fill(wsbds, "wsb")
  wsellingbill.Table = wsbds.Tables("wsb")
End If
cm = CType(Me.BindingContext(sellingbill), CurrencyManager)
cm.Position = 0
Dim sbdr As DataRow
Label107.Text = 0
Label104.Text = 0
Label117.Text = 0
Label98.Text = 0
If cm.Position \ge 0 Then
  For Each sbdr In sbds.Tables("sb").Rows
    Label107.Text = Label107.Text + DataGrid8.Item(cm.Position, 8)
    Label104.Text = Label104.Text + DataGrid8.Item(cm.Position, 9)
    Label117.Text = Label117.Text + DataGrid8.Item(cm.Position, 4)
    Label98.Text = Label98.Text + DataGrid8.Item(cm.Position, 5)
    cm.Position += 1
  Next
  Label106.Text = DataGrid8.Item(cm.Position, 6)
  Label103.Text = DataGrid8.Item(cm.Position, 6)
  Label116.Text = DataGrid8.Item(cm.Position, 6)
  Label99.Text = DataGrid8.Item(cm.Position, 6)
End If
cm = CType(Me.BindingContext(wsellingbill), CurrencyManager)
cm.Position = 0
Dim wsbdr As DataRow
Label101.Text = 0
Label110.Text = 0
Label 120.Text = 0
Label113.Text = 0
If cm.Position \geq 0 Then
```

For Each wsbdr In wsbds.Tables("wsb").Rows

Label101.Text = Label101.Text + DataGrid9.Item(cm.Position, 10) Label110.Text = Label110.Text + DataGrid9.Item(cm.Position, 11) Label120.Text = Label120.Text + DataGrid9.Item(cm.Position, 6) Label113.Text = Label113.Text + DataGrid9.Item(cm.Position, 7) cm.Position += 1

Next

Label100.Text = DataGrid9.Item(cm.Position, 8)

Label109.Text = DataGrid9.Item(cm.Position, 8)

Label119.Text = DataGrid9.Item(cm.Position, 8)

Label112.Text = DataGrid9.Item(cm.Position, 8)

End If

Dim gt1 As Double = Label98.Text

Dim gt2 As Double = Label113.Text

Dim gct1 As Double = Label107.Text

Dim gct2 As Double = Label101.Text

Dim gcct1 As Double = Label104.Text

Dim gcct2 As Double = Label110.Text

Dim gvt1 As Double = Label117.Text

Dim gvt2 As Double = Label120.Text

Label89.Text = Math.Round(gt1 + gt2, 2)

Label92.Text = Math.Round(gct1 + gct2, 2)

Label95.Text = Math.Round(gcct1 + gcct2, 2)

Label123.Text = Math.Round(gvt1 + gvt2, 2)

Label90.Text = Label100.Text

Label122.Text = Label100.Text

Label91.Text = Label100.Text

Label94.Text = Label100.Text

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub Private Sub Button34_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button34.Click

If connctrl = 1 Then pc.ConnectionString = connstr Pds1.persondat.Clear() pda.Fill(Pds1.persondat) DataView1.Table = Pds1.persondat

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button92_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button92.Click

If TextBox68.BackColor.Equals(Color.Lime) Then TextBox69.BackColor = Color.Lime TextBox68.BackColor = Color.Gray

ElseIf TextBox69.BackColor.Equals(Color.Lime) Then TextBox70.BackColor = Color.Lime TextBox69.BackColor = Color.Gray

ElseIf TextBox70.BackColor.Equals(Color.Lime) Then TextBox71.BackColor = Color.Lime TextBox70.BackColor = Color.Gray

ElseIf TextBox71.BackColor.Equals(Color.Lime) Then TextBox68.BackColor = Color.Lime TextBox71.BackColor = Color.Gray End If End Sub Private Sub Button93_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button93.Click

If TextBox68.BackColor.Equals(Color.Lime) Then TextBox71.BackColor = Color.Lime TextBox68.BackColor = Color.Gray

ElseIf TextBox69.BackColor.Equals(Color.Lime) Then TextBox68.BackColor = Color.Lime TextBox69.BackColor = Color.Gray

ElseIf TextBox70.BackColor.Equals(Color.Lime) Then TextBox69.BackColor = Color.Lime TextBox70.BackColor = Color.Gray

ElseIf TextBox71.BackColor.Equals(Color.Lime) Then TextBox70.BackColor = Color.Lime TextBox71.BackColor = Color.Gray End If End Sub

```
Private Sub Button83_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button83.Click
If TextBox69.BackColor.Equals(Color.Lime) Then
TextBox69.Text += "1"
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "1"
End If
End Sub
```

Private Sub Button88_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button88.Click If TextBox69.BackColor.Equals(Color.Lime) Then TextBox69.Text += "2"

```
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "2"
End If
End Sub
```

```
Private Sub Button91_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button91.Click
If TextBox69.BackColor.Equals(Color.Lime) Then
TextBox69.Text += "3"
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "3"
End If
End Sub
```

```
Private Sub Button84_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button84.Click
```

```
If TextBox69.BackColor.Equals(Color.Lime) Then
```

```
TextBox69.Text += "4"
```

ElseIf TextBox71.BackColor.Equals(Color.Lime) Then

```
TextBox71.Text += "4"
```

End If

End Sub

```
Private Sub Button87_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button87.Click
If TextBox69.BackColor.Equals(Color.Lime) Then
TextBox69.Text += "5"
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "5"
End If
End Sub
```

Private Sub Button90_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button90.Click

```
If TextBox69.BackColor.Equals(Color.Lime) Then
TextBox69.Text += "6"
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "6"
End If
End Sub
```

```
Private Sub Button85_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button85.Click
If TextBox69.BackColor.Equals(Color.Lime) Then
```

```
1
```

```
TextBox69.Text += "7"
```

ElseIf TextBox71.BackColor.Equals(Color.Lime) Then

```
TextBox71.Text += "7"
```

End If

End Sub

```
Private Sub Button86_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button86.Click
```

```
If TextBox69.BackColor.Equals(Color.Lime) Then
```

```
TextBox69.Text += "8"
```

ElseIf TextBox71.BackColor.Equals(Color.Lime) Then

```
TextBox71.Text += "8"
```

End If

End Sub

```
Private Sub Button89_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button89.Click
```

```
If TextBox69.BackColor.Equals(Color.Lime) Then
TextBox69.Text += "9"
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "9"
End If
End Sub
```

```
Private Sub Button94_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button94.Click
If TextBox69.BackColor.Equals(Color.Lime) Then
TextBox69.Text += "0"
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "0"
End If
End Sub
```

```
Private Sub Button96_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button96.Click
If TextBox69.BackColor.Equals(Color.Lime) Then
If TextBox69.Text.IndexOfAny(".") < 0 Then
TextBox69.Text += "."
End If
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
If TextBox71.Text.IndexOfAny(".") < 0 Then
TextBox71.Text += "."
End If
End If
End If
End If
```

```
Private Sub Button95_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button95.Click
```

If TextBox69.BackColor.Equals(Color.Lime) And TextBox69.Text \Leftrightarrow "" Then TextBox69.Text = TextBox69.Text.Remove(TextBox69.TextLength - 1, 1)

ElseIf TextBox71.BackColor.Equals(Color.Lime) And TextBox71.Text <> ""

TextBox71.Text = TextBox71.Text.Remove(TextBox71.TextLength - 1, 1) End If

End Sub

Private Sub Button81_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button81.Click

```
If TextBox68.BackColor.Equals(Color.Lime) Then
TextBox68.Text = "%"
ElseIf TextBox70.BackColor.Equals(Color.Lime) Then
TextBox70.Text = "%"
End If
End Sub
```

```
Private Sub Button82_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button82.Click
```

If TextBox68.BackColor.Equals(Color.Lime) Then

```
TextBox68.Text = "+"
```

ElseIf TextBox70.BackColor.Equals(Color.Lime) Then

TextBox70.Text = "+"

End If

End Sub

Private Sub Button97_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button97.Click

```
TextBox68.Text = ""
TextBox69.Text = ""
TextBox70.Text = ""
TextBox71.Text = ""
End Sub
```

```
Private Sub Button123_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button123.Click
```

```
If connctrl = 1 Then
Dim f6 As New Form6
f6.ShowDialog()
TextBox72.Text = fid
TextBox73.Text = firmname
```

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

```
Me.Close()
End If
End Sub
```

```
Private Sub Button122_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button122.Click
If connctrl = 1 Then
Dim f6 As New Form6
f6.ShowDialog()
TextBox57.Text = fid
TextBox58.Text = firmname
Else
MsgBox("Connection Problem You Have To Connect To Server",
```

MessageBoxIcon.Error)

Me.Close() End If

End Sub

```
Private Sub Button115 Click(ByVal sender As System.Object, ByVal e As
System. EventArgs) Handles Button115. Click
    If connctrl = 1 Then
      If TextBox72.Text = "" Then
         MsgBox("Please Select A Payment Firm", MessageBoxIcon.Error)
         Exit Sub
      End If
      If TextBox57.Text = "" Then
         MsgBox("Please Select A Recipient Firm", MessageBoxIcon.Error)
         Exit Sub
      End If
      If TextBox74.Text = "" Then
         MsgBox("Please Enter A Payment Amount", MessageBoxIcon.Error)
         Exit Sub
      End If
      If ComboBox20.Text = "" Then
```

MsgBox("Please Select A Moneyunit", MessageBoxIcon.Error) Exit Sub

End If

pc.ConnectionString = connstr

faccountsave.Parameters("@date").Value = DateTimePicker16.Value faccountsave.Parameters("@firmid").Value = TextBox72.Text faccountsave.Parameters("@billno").Value = 0 faccountsave.Parameters("@recipientfirmid").Value = TextBox57.Text

faccountsave.Parameters("@recipientfirm").Value = TextBox58.Text

faccountsave.Parameters("@dept").Value = 0

faccountsave.Parameters("@payment").Value = TextBox74.Text

faccountsave.Parameters("@moneyunit").Value = ComboBox20.Text Try

pc.Open()

faccountsave.ExecuteNonQuery()

MsgBox("Paid Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button116_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button116.Click

If connctrl = 1 Then

Dim ic As Integer

ic = MsgBox("Do You Want to Update This Payment", MsgBoxStyle.YesNo, "UPDATE")

NEAR EAST UNIVERSITY

Faculty of Engineering

Department of Computer Engineering

SUPERMARKET DELIVERY AUTOMATION SYSTEM

Graduation Project COM – 400

Student:

Eren Erdoğan

Supervisor:

Ümit Soyer

Nicosia - 2008

ACKNOWLEDGEMENTS

First, I would like to thank my supervisor Ümit Soyer for his invaluable advice and belief in my work and my self over the course of the graduation Project.

Second, I like to express my gratitude to Near East University for scholarship that made the work possible.

Third, 1 thank my family for their constant encouragment and support during the preparation of this project.

Finnally, I would also like to thank all my friends for their advice and support.

i

ABSTRACT

The aim of this Project is to record the stocks of products, makes sale and purchase, record accounts of firms, makes accounting, briefly this project manages the supermarket automation. The program was prepared by using microsoft visual basic.Net in microsoft visual studio.NET 2003 programming and using SQL server 2000 as database.

This project consist of many different pages but most of them depended each other Initially, connection to database form comes to screen. Afterwards the sign in form and then main form of Properties Company comes to screen. Home page in main menu guides you to see the other menus.

This program is practical and useful in the supermarkets. It can be modified with the new developments and requirements of people in the technology in future. The program must be clear and easy to learn for users, hence it can be acceptable widely.

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LIST OF ABBREVIATIONS

VB.NET	Visual Basic.NET
SQL	Structured Query Language
OOP	Object Oriented Programing
SDACS	Spermarket Delivery automatin system
GUI	Graphical User Interface
API	Application Programing Interface
VSAM	Virtual Storage Access Method
ANSI	American National Standart Institute

INTRODUCTION

Visual Basic.NET is a Microsoft-created object-oriented programming language which incorporates features of Microsoft's .NET Framework and Web Services, such as SOAP, which were originally developed using XML.

Visual Basic.NET uses punctuation in its basic syntax to make the program easily readable and to help the compiler sort the code. The main reason for this is so that any programmer can read your code and easily understand what you are doing, because they write their code like you write yours.

The project consist of the introduction, abstract, four chapters ,conclusion.

- Chapter one describes Basic Concept of Visual Basic.NET
- Chapter two describes the SQL server 2000.
- Chapter three explain Supermarket Delivery Automation Control System by Using Visual Basic.NET.

1

• Cheapter four explain sql tables and stored procedure.

CHAPTER ONE: MICROSOFT VUSUAL BASIC.NET IN MICROSOFT VISUAL STUDIO.NET 2003

1.1. Description Of Visual Basic.NET

VB .NET is a version of Microsoft's Visual Basic that was designed, as part of the company's .NET product group, to make Web services applications easier to develop. According to Microsoft, VB .NET was reengineered, rather than released as VB 6.0 with added features, to facilitate making fundamental changes to the language. VB.NET is the first fully object-oriented programming (OOP) version of Visual Basic, and as such, supports OOP concepts such as abstraction, inheritance, polymorphism, and aggregation.

Visual Basic.NET is a Microsoft-created object-oriented programming language which incorporates features of Microsoft's .NET Framework and Web Services, such as SOAP, which were originally developed using XML.

Visual Basic.NET, which thought would be a "sequel" to Visual Basic 6.0, has a totally different language core. There is no backward nor forward compatibility between Visual Basic 6.0 projects and code and Visual Basic.NET projects and code. Visual Basic.NET is a language designed to create .NET applications, Windows or Web applications, and Web Services. (Except for short Windows applications, these are topics beyond a first semester programming class.)

1.1.1. Object-Oriented Programming(OOP)

The developers of the language incorporated object-oriented programming (OOP) features such as inheritance, method overloading, organized exception handling, and free threading to make Visual Basic a powerful object-oriented programming language. (Prior versions were extensible from the very beginning.) The newer objectoriented programming (OOP) features of Visual Basic.NET are not usually covered in a first semester programming class.

1.1.2. Graphical User Interface(GUI)

With Visual Basic.NET a student can drag objects from the Toolbox into the Work area, specify the Properties and behavior of each object and thereby create business applications while learning the programming principles taught during most short Introduction to Visual Basic.NET programming courses.The student will not have to deal with trying to program the user interface using code.

2

1.1.3. Windows API

There is abstraction of the hardware, meaning that a programmer of Visual Basic.NET does not have to know about the inner workings of the hardware because Windows handles the functionality of the hardware, provides generic routines (Windows API, or Application Programming Interface) to communicate with hardware drivers provided by hardware manufacturers.

1.2. History of Visual Basic

- Before Visual Basic: C and C++ were used to create Windows applications and this was a complicated process.
- 1991 Microsoft released Visual Basic 1.0; Programmers could "draw" upon their own User Interface. Business problems could be solved with the quickly created application. Code was written by the programmer to react to user events (how a user responded to objects on the User Interface).
- Nov 1992 Visual Basic 2: Included a Professional Edition, MDI Forms, ODBC, and object variables.
- June 1993 Visual Basic 3: Enabled the building of database applications with Data Access Objects (DAO); OLE Automation and the Jet (Access Engine).
- Oct 1996 Visual Basic 4: Introduced classes, OXC's, and allowed programmers to create their own add-ins.
- April 1997 Visual Basic 5: Programmers could target features of Windows 95.
 Added a compiler and the ability for a programmer to create ActiveX Controls.
- Oct 1998 Visual Basic 6: Introduced ActiveX Data Objects (ADO) to manipulate data, create data sources. This was to help programmers use Active Server Pages to access database objects. (VB6 was included with Visual Studio 6.0)
- Feb 2002 Visual Basic.NET 2003 (and Visual Studio 2003)

CHAPTER TWO: SQL SERVER 2000

2.1. Description of SQL server 2000

SQL Server 2000 comes with far more than just the usual RDBMS – it has additional components that would, for many products, be sold entirely separately or with add-on pricing. Instead, Microsoft has seen fit to toss in these extras at no additional charge.

2.2. A Brief History of Databases

SQL Server is an **RDBMS** – or **Relational Database Management System**. RDBMS systems are at the pinnacle of their popularity at the moment. Using an RDBMS as the basis for data storage is plainly "the way it's done" for most applications nowadays – but it wasn't always this way.

2.2.1. Types of Databases

Databases are not just limited to the computer-based systems that we typically think about when we hear the term – they are much, much more. A database is really any collection of organized data. Even Webster's dictionary puts a qualifier on any computer notion:

Database: A usually large collection of data organized especially for rapid search and retrieval (as by a computer).

The file drawers in your office are really something of a database (that is, if they are better organized than mine at home). In fact, databases have existed throughout most of the history of the "civilized" world, going back to the days of the early philosophers and academics (Socrates, Aristotle, Hippocrates, etc.).

That being said, there's a reason why databases are so closely associated with computers. It's because, for most database situations (virtually, but not quite, all of them), computers are simply the fastest and most efficient way to store data. Indeed, the term database is thought to have originated from the

computing community in 1962 or so.

Databases, then, fall into a number of common categories:

• <u>Paper-based</u>: These, although often not thought of as databases, probably still make up the largest proportion of databases in the world today. There are literally billions and billions of tons of paper out there that are still meticulously organized, but haven't been anywhere near a computer.

- Legacy mainframe often VSAM (Virtual Storage Access Method) common to IBM mainframes) databases: Don't underestimate the number of legacy mainframes still out there, and their importance. Connectivity to host systems and the vast amounts of data they stil contain is one of the major opportunity areas in database and systems development today. There are still many situations where I recommend a host system solution rather than a clientserver or webbased model. It's worth noting though that I still believe in using a true RDBMS – albeit one that's located on a host system. dBase and other file-based databases: Typically, these include any of the older Indexed
- Sequential Access Method or ISAM databases. These normally use a separate file for each table, but the ISAM name comes from the physical way the data is stored and accessed more than anything else. Examples of ISAM databases that are still in widespread legacy use and even in some new developments in certain cases include dBase, FoxPro, Excel, Paradox, and Access. (Yes, Access is an ISAM with a relational feel and several relational features it is not, however, a true relational database system.) These systems had most of their heyday well before RDBMS systems. (There is something of a paradox in this since RDBMS systems appeared first.) These systems are still quite often great for small, stand-alone databases where you will never have more than a small number of users accessing the data at a time.
- RDBMS systems: Data for the masses, but with much better data integrity. These systems do more than just store and retrieve data. They can be thought of as actually caring for the integrity of the data. Whereas VSAM and ISAM databases typically store data very well, the database itself has no control over what goes in and out (OK, Access has some, but not like a true RDBMS). The programs that use the database are responsible for implementing any data integrity rules. If five programs are accessing the data, you'd better make sure that they are all programmed correctly. RDBMS systems, on the other hand, take the level of responsibility for data integrity right down to the database level. You still want your programs to know about the data integrity rules to avoid getting errors from the database, but the database now takes some of the responsibility itself and the data is much safer.
- **Object-oriented databases**: These have been around for a while now, but are only recently beginning to make a splash. They are really a completely different

way of thinking about your data and, to date, have only found fairly specialized use. Examples would be something similar to a document management system. Instead of storing the document in several tables, the document would be stored as a single object, and would have properties whose state would be maintained. ODBMS systems often provide for such object-oriented concepts as inheritance and encapsulation. RDBMS systems are clearly king these days. They are designed from the ground up with the notion that they are not going to be working with just one table that has it all, but with data that relates to data in completely different tables. They facilitate the notion of combining data in many different ways. They eliminate the repetitive storage of data and increase speed in transactional environments.

2.3. The Evolution of Relational Databases

E.F. Codd of IBM first introduced the principles behind relational database structures and a Structured English QUEry Language – or SEQUEL – back in the late 1960's (the name was later shortened to just Structured Query Language or SQL). The concept was actually pretty simple – increase data integrity and decrease costs by reducing repetitive data as well as other database problems that were common at the time. Nothing really happened in the elational world as far as a real product was concerned until the mid to late 70's, though. round that time, companies such as Oracle and Sybase became the first to create true relational database systems. It might surprise you to learn that these systems got their start in mainframe

– not client-server – computing. These systems offered a new way of looking at database architecture and, since they ran on multiple platforms, they also often offered a higher potential for sharing data across multiple systems.

In the 80's, the American National Standards Institute (ANSI) finally weighed in with a specification for SQL, and ANSI-SQL was born. This was actually a key moment in RDBMS computing because it meant that there would be better compatibility between vendors. That, in turn, meant that more of the expertise built up in one RDBMS was also usable in a competing system. This has greatly aided the process of trying to increase the number of developers in the SQL community. The ANSI specification called for several different levels of compliance. Most of the major RDBMS products available today are classified as being Entry-Level ANSI compliant (like SQL Server, for example). Entry-level ANSI

compliance means that a database meets the basic defined ANSI standards for the SQL syntax.

Microsoft SQL Server (referred to in this book as simply SQL Server) was originally born from Sybase SQL Server (referred to in this book simply as Sybase). Microsoft partnered with Sybase in 1989 to develop a version of SQL Server for, of all things, OS/2. SQL Server was migrated to Windows NT back in 1993 with version 4.2. The relationship ended with the release of version 6.0. From 6.5 forward, SQL Server has been a Microsoft-only product. The highly successful version 7.0 was essentially a complete rewrite of the product and was the first version available for Windows 9x (there was now virtually no Sybase code left in SQL Server). Finally, we reach today's version – SQL Server 2000. While there are unmistakable similarities, there are now substantial differences in implementation and feature support between version 4.21 (the oldest version you're actually likely to find installed somewhere) and version 2000. Version 6.0 added such details as cursor support. Version 6.5 added distributed transactions, replication, and ANSI compatibility. The rewrite with version 7.0 enabled the loss of problem areas such as the devices defined for data storage.

CHAPTER THREE: SDACS (SUPERMAKET DELIVERY OUTOMATION CONTROL SYSTEM)

3.1. Connection Form

This form using for connection of database while enter the server name and database name. The connection form is show in Figure 3.1.

	Connection	
DATABASE NAME		
Connect	Disconnect	Close

Figure 3.1. Connection Form

3.1.1. Create Form

Create new form (first form create outomaticly) and add one groupbox, two label, two textbox, three button, progressbar, notifyicon and contextmenu from toolbox tool.

3.1.2. Form Properties

Set the properties text, acceptbutton, cancelbutton, controlbox, showintaskbar of form from properties window as follows:

Text = Connection Acceptbuuton = button1 Cancelbutton = button2 Controlbox = false Showintaskbar = false

3.1.3. Create Modul

Add new modul into project at name of connectionmodule. And identify public variable at name of connstr. Use following code.

Public connstr As String

3.1.4. Connect Button

When the press connect button after entering the server and database name, button apply the code of connection in button click events. Control the entering data. If not enter any info, send warning massege to client. Create database connection string according to entering data. And open the database connection. If connect the server, make 1(one) 'connstr' public variable and load login form else send catch error massege.

3.1.5. Disconnect Button

'Connstr' public variable make 0(zero) when the press button in button click event. And set the any properties.

3.1.6. Close Button

Hide connection form when press this button. Use following code in button click event.

Me.Hide()

3.1.7. Notify Icon and Context Menu

Use notifyicon for doing application which working on system tray. And add context menu from toolbox tool. Add items show connection bar, sign in, exit in context menu. Set notify icon properties of context menu select as this context menu. And add following codes.

9

3.2 Login Form

Using this form for login to program. When enter client id and password, if client id and password combination is true, load users interface according to client statue. Form is shown in figure 3.2.

Login	×
Sign In	
	Login Sign In

Figure 3.2. Login Form

3.2.1. Create Form

Add new form into project. Put two label, two textbox, and one button. Set form properties text, acceptbutton, maximizebox and minimizebox. Set this properties like follow.

Text = Login Acceptbutton = button1 Maximizebox = False Minimizebox = False

3.2.2. Create Module

Add new modul into project at name of permissionmodule. And identify public variables are pid, statueid, sex, pname, surname. Using following code.

Public pid As Integer Public statueid As String Public sex As String Public pname As String Public surname As String
3.2.3. Sign In Button

Sign in buton makes compair the entering data combination (person id and password) with datas into database. If the datas are equal, load SDACS program.

This codes connect database with use created connection string at first connection. And read datas from database then compair them. If datas are equal, show the following massage in figure 3.3.



Figure 3.3 Welcom Massege

3.3 SDACS Main Form

We do all process in this form according to permissions. Read permissions from database. And when the loading form set usable section acoording to permissions. The program guide to client on home page section.

3.3.1. Home Page Section

To guide clients according to permissions. Show in figure 3.4.



Figure 3.4. Home Page Form

3.4 Client Registration And Setting Form

At this form, Record new client(record of working personel), update and delete client, search client(s), list all clients. Shortly you can do all of process about clients. This form show in figure 3.5.

	SDAES - Super	market Delivery At	otomation System			
						Sign Out
Home Page	Client Registration And Setting	Firm Regi	stration And Setting	Stok Control	And Setting	
-Personel infor	mations					Home Page
Person ID		JD Search	Starting Date	28.06.2008	•	ADD
Name		Same Search	Salary		•	DELETE
Surname			Statute		•	UPDATE
Sexual		•	Password			CLEAR
Communication						
Address			Phone			ListAll Client
			E-Mail			
1923(20)(151.5		-				

Figure 3.5. Client Registration And Setting Form

3.4.1. ID Search Button

This button search person as to entering person id. List finding personel on the personals table.

3.4.2. Name Search Button

This button search person as to entering person name. You can not have to enter entire word for searching. List finding personel on the personals table.

3.4.3. List All Client Button

Aim of button show all registered person. Codes writte in button click event. And add sqldataadapter into project. I changed name of sqldataadaptor as pda. Function of sqldataadaptor is fill read datas from database into dataset.

3.4.4. Home Page Link's codes

When click this link, go to hame page form. Codes write in linklabel click event. Code gives below.

TabControl1.SelectedIndex = 0

3.4.5. Add Button

Add buttons add new client. Added two sqlcommand into project. Aim of sqlcommand run sql language. All codes write in add button' s click event.

3.4.6. Delete Button

Delete button delete person according to person id. Add one command into project. The codes write in delete button event.

3.4.7. Update Button

This button update old datas of personel with entering new datas as to personel id. Add one sqlcommand into project for update. Codes write in update button event.

3.4.8. Clear Button

Clear datas on form.

3.5 Firm Registration And Setting Form

Save firms and doing all set of firms in this form. Show in figure 3.6.

	SDAC5 - Superma	arket Delivery Auctoma	tion System		
Home Page	Client Registration And Setting	Firm Registration A	And Setting	tok Control And Setting	
Firm Information) 				11
Firm ID		ID Search	Phone 1		<u>riome Page</u>
Firm Name		Name search	Phone 2		
Address			Fax 1		
			Fax 2	······································	
E - Mail			Web Page		
ADD	DELETE	IPDATE	CLEAR	L	ST ALL FIRM
Firms				L	
1.15					
L		in de mineres astronicas	······································		

Figure 3.6. Firm Registration And Setting Form

3.5.1. ID Search Button

Search registered firm acording to id of firm.

3.5.2. Name Search Button

Search registered firm acording to name of firm.

3.5.3. Home Page Link's codes

When click this link, go to hame page form. Codes write in linklabel click event. Code gives below.

TabControl1.SelectedIndex = 0

3.5.4. Add Button

Add new firm into database as to datas on form. Codes write in add button click event.

3.5.5. Delete Button

Delete firm from database acording to firm id. All codes write in delete button event.

3.5.6. Update Button

Update datas of firm with entering new datas as to firm id. Codes write in update button click event.

3.5.7. Clear Button

Clear datas on form.

3.5.8. List All Firm Button

List registred firm in database at firms table.

3.6 Stock Control And Setting Form

This form manage the stock. Can add new product, update and delete product and make a campain as to date or without date in this form. show in figure 3.7.

Product Informat	ions		Campaign		Home Pa
larcode		Barcode Search	Campaign Price	1	Calculat
tem Type		Type Search	Notes		
fark		Set			
ackage	S	let	Use Date		
ackage Unit	S	iet	Starting Date	28.06.2008	
ackage Type	S	iet	Finishing Date	28.06.2008	
elling Price		Set	Make Campaign	Cancel Campaign	Update Campaign
tock Amount	S	let	Add New	Clear	
ocation	S	let	Delete	Update	List All Products



3.6.1. Barcode Search Button

When click this button, search product as to entering barcode and show the finding product into products tables. Write following code in barcode search button click event.

3.6.2. Type Search Button

Search product acording to product types and show finding product(s) into products table.

3.6.3. Set Buttons

Set buttons using update the product. Set buttons obtain set updated data of product. Mission of set buttons only make enable properties of textbox true.

3.6.4. Home Page Link

When click this link, go to hame page form. Codes write in linklabel click event.

TabControl1.SelectedIndex = 0

3.6.5. Add New Button

Mission of add new button is adding new product to database as to entering datas of form.

3.6.6. Delete Button

Delete product from database if stocks of product equal to zero.

3.6.7. Update Button

Update button make update products in database acording to entering datas on form.

3.6.8. Clear Button

Clear the datas on form.

3.6.9. List All Product Button

List all registred product in database at products table. And you can select any product from products table.

3.6.10. Make Campaign Button

This button use for doing campaing to selected product. if select a product and click campaign checkbox, the make campaign button is active. You can do two kind of campaign, first without date and second use date. Codes write in make campaign button click event.

3.6.11. Cancel Campaign Button

The aim of this button cancel to doing beforehand campaign.

3.6.12. Update Campaign Button

This button update to doing beforhand campaign according to entering new datas.

3.7 Entering Invoice Form

At this form, record buying pruduct to database as invoice. Calculate selling price of product automaticly as to beforehand selling policy by firm when you enter invoice. Increase entering product stocks acording to amount items of invoice. And write loan to firm account. This form show in figure 3.8.

Sea and a		524405	- Supermarket Deli	very Austomation System		[♥][≋ Sign
	egistration And Setting	Firm	Registration And Settir	ng	Setting Setting	
Bill no			🜙 Bill Search			Home Pa
Date	28.06.2008			Barcode		-SBarcode Search
Firm ID]	SFirm Search	Product Type		
irm Name			le general de la companya de la companya de la companya de la companya de la companya de la companya de la comp	Mark		
Person ID			****	Package Amount		
^o erson Name	2			Package Type		
Dring						
	·/					Remove
Billitome	·•					
bilino	ti arcode (producttype ma	ik packagea	mou packageunit packagelype	e amount tax	price (jio)
-					🗍 Discou	nt
Save	Update	Delete	Clear	Print	Total VAT	ГО
	_					

Figure 3.8. Entering Invoice Form

3.7.1. Bill Search Button

When click bill search button, load new bill search form. When close the new search form, show datas of bill on form with coming datas from loading new search form. And loading new bill search form show in figure 3.9.

-	Bill Search
⊙ Bill No ⊖ Date	28.06.2008 V 28.06.2008 V Search
Bills	
tatusBar1	

Figure 3.9. Bill Search Form

3.7.2. Bill Search Form And Search Button

Search bill in database acording to bill no and date then show find bill(s) into bills table. Bill search form of source codes are given below.

3.7.3. Firm Search Button

When click firm search button, load new firm search form. When close the new search form, show datas of firm on form with coming datas from loading new search form. And loading new firm search form show in figure 3.10.

S, Firm S	earch 🔽 🛞 🕅
Firm ID Firm Name	Search
Firms	Landard and a second second second second second second second second second second second second second second

Figure 3.10. Firm Search Form

3.7.4. Firm Search Form And Search Button

Search firm in database acording to firm id or firm name then show find firm(s) into firms table.

3.7.5. Barcode Search Button

When click barcode search button, load new product search form. When close the new search form, show datas of product on form with coming datas from loading new search form. And loading new product search form show in figure 3.11.

-	Product Search	
Barcode Product Type	Search	
Products		

Figure 3.10. Product Search Form

3.7.6. Product Search Form And Search Button

Search product in database acording to barcode or product type then show find product(s) into products table.

3.7.7. Add Button

This button use for add items(product) to invoice. When click this button, increase total of invoice and vat as to price and vat of adding product.

3.7.8. Remove Button

This button use for remove items(product) to invoice. When click this button, decrease total of invoice and vat as to price and vat of removing product.

3.7.10. Save Button

Save button record invoice to database. Calculate selling price acording to firm policy. Write loan to firm account. And increase stock at products of invoice.

3.7.11. Update Button

Update entering invoice, firm account and of course product stocks. If wants, update to selling price.

3.7.12. Delete Button

Delete invoice from database. And set necessary setting about firn account, product stocks.

3.7.13. Clear Button

This button clear the form.

3.8 Cashier Selling Form

Selling the product to customer. Calculate the cost of bill. When the selling agree, save bill to database and set necessary setting of stocks. Cashier selling form shown in figure 3.11.

	SDAES - Supermark	kel: Delivery Austomation Sy	stem	[♥](ゑ)(3 Sign Ot
Firm Registration Ar	nd Setting	etting S Entering Invoid	cashier - Setting	Cashier · Whole
Barcode	J.Search	Total	0	Home Page
	× 1	VAT Total	0	
		Repayment		
	1- Alter 10 - 10 - 1	1.Cash	3.Cash And Credit Card	3 5.Add
	WILLIAM SER	2.Credit Card	4.Clear	53 6.Remove
Bill Items	an being			10-
barco de produ	otype naik packajsamou p	ackageunit packagetype am	ount tax price	moneyumit taxia

Figure 3.11. Cashier Selling Form

3.8.1. Add Button

Add selling product to bill. And increase total of bill and vat as to price and vat of adding product.

3.8.2. Remove Button

Remove selling product to bill. And decrease total of bill and vat as to price and vat of removing product.

3.8.3. Cash Button

This button use cash selling. When click the cash button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash selling form show in figure 3.12.

Cash Selling	
Bill Total	a man sala a
Total Vat	10 20 10 10 10 10
	The second second
Payment	
Repayment U	
Are You Accept This	Selling?
Cancel	Accept

Figure 3.12. Cash Selling Accept Form

3.8.4. Cash Selling Accept Form

This form only an aggreement form.

3.8.5. Credit Card Button

This button use selling with credit card. When click the credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept credit card selling form show in figure 3.13.

redit Card	
Bill Total	
Total Vat	
Card Ma	[
Lard No	
Are You	Accept This Selling?
S Car	cel Accept

Figure 3.13. Credit Card Accept Form

3.8.6. Credit Card Selling Accept Form

This form only an aggreement form.

3.8.7. Cash And Credit Card Button

This button use selling with credit card and cash. When click the cash and credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash and credit card selling form show in figure 3.14.

Cash And Credit Card	
Bill Total	
Total Vat	
Reminder	
Card No	
Card Payment	
Cash Payment	
Repayment 0	
Are You Acc	ept This Selling?
Cancel	Accept

Figure 3.14. Cash And Credit Card Selling Accept Form

3.8.8. Cash And Credit Card Selling Accept Form

This form only an aggreement form.

3.8.9. Clear Button

This button clear the form.

3.9. Cashier Whole Form

Whole selling the product to customer. Calculate the cost of bill. When the selling agree, save bill to database and set necessary setting of stocks. Cashier selling form shown in figure 3.15.

50AC5 - 50	ermarket Delivery Auntomation 5ys	tem .	[♥][Ձ][Ջ Sign Ou
Firm Registration And Setting	of And Setting	Cashier - Selling	Cashier · Whole
Barcode	Total	0	Home Page
L	Discount 1	%	
Firm ID Firm Sear	ch 1.Cash	3.Cash And Credit Card	5.Add
Firm Name	2.Credit Card	4.Clear	6.Remove
Eilfitems barcode producttyp mark packs	ugea packageun packagety am	nount tax pri	ce moneyunit taxc
4			

Figure 3.15. Cashier Whole Form

3.9.1. Add Button

Add selling product to bill. And increase total of bill and vat as to price and vat of adding product.

3.9.2. Remove Button

Remove selling product to bill. And decrease total of bill and vat as to price and vat of removing product.

3.9.3. Cash Button

This button use cash selling. When click the cash button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash selling form show in figure 3.16.

Cash Selling	and the second second second second second second second second second second second second second second second
Bill Total	and all the mon duk has
Total Vat	and a straight and a straight of
Starting and Start	
Payment	
Repayment 0	
Are You Accept	This Selling?
Cancel	Accept

Figure 3.16. Cash Selling Accept Form

3.9.4. Cash Selling Accept Form

This form only an aggreement form for whole selling

3.9.5. Credit Card Button

This button use selling with credit card. When click the credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept credit card selling form show in figure 3.17.

Fredit Card	President of the set
Bill Total	
Total Vat	
Card No	
Are You Accept	t This Selling?
S' Cancel	Accept

Figure 3.17. Credit Card Accept Form

3.9.6. Credit Card Selling Accept Form

This form only an aggreement form for whole selling.

3.9.7. Cash And Credit Card Button

This button use selling with credit card and cash. When click the cash and credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash and credit card selling form show in figure 3.18.

ash And Credit Card Bill Total			
Total Vat			
Reminder			
Card No			
Card Payment			
Cash Payment			
Repayment	0		
Are You Ac	cept	This \$	Selling?
S Cancel		2	Accept

Figure 3.18. Cash And Credit Card Selling Accept Form

3.9.8. Cash And Credit Card Selling Accept Form

This form only an aggreement form for whole selling.

3.9.9. Clear Button

This button clear the form.

3.10. Strongbox Form

Strongbox show total money of firm as to cashier name, firm name and date. Show in figure 3.19.

SDAC5 - Superm	arket Delivery Aud	omation System		
				Sign Out
Entering Invoice Cashier - Setting	Cashier · Whole	3 Cashier - Canceling	Strongbox	Depts And F
Date 28.06.2008 - 28.06.2008 -		General Total	0	
	Find	General Vat Total	0	
Cashier Name	2 - 110	General Cash Tota	u 0	
Firm Name		General Credit Ca	rd Total ()	
	- 0			
Cash Total Credit Card Total	0			
VAT Total	0			
1 Utal	U			
	dies			and the second se
Cash Total	n			
Credit Card Total	0		Clear	Print
Home Page Tatal	0		Vieur	CS · ·····
l utal	U			1

Figure 3.19. Strongbox Form

3.10.1. Find Button

Find total money of firm as to cashier name, firm name and date. And show.

3.10.2. Clear Button

This button clear the form.

3.11. Deps And Payment Receipt Form

Show depts and paymant as to paymentfirm and recipient firm. This form support to doing payment between firms. Show in figure 3.20.

SDAE5	Supermarket Delive	ry Augtomation 5)	/stem		
					Sign Out
Cashier - Selling Cashier - Whole	Cashier - Cano	eling Str	rongbox	Depts And Paymen	Program
Recipt Cashier Account		Daumant			
Payment Firm		Payment			
Payment Firm ID	2	Payment Da	ate 05.	06.2008	•
Payment Firm Name	Firm Search	Payment An	nount		
Recipient Firm Recipient Firm ID			Balance	e	
Recipient Firm Name	Firm Search	According To Recipient Firm	05.06.2008 ListDepts	05.06.2008 Payment By Date	List All Depts And Payments
Depts		Payment			
id date firmid bi	llno recipier	id	date	firmid billn	o recipientir r
Total Depts 0	Þ	•	Tota	I Payment 0	Þ
Print	C	lear	Payment Delete	Payment Update	Pay

Figure 3.20. Receipt Form

3.11.1. According to Receipt Firm Button

Show all depts and payment and balance as to recepient firm.

3.11.2. List Depts - Payment By Date Button

Show balance, depts and payment of firm as to date.

3.11.3. List All Depts And Payments Button

Show all depts and payment and balance of firm.

3.11.4. Pay Button

Save doing payment to payment firm account.

3.11.5. Payment Update Button

Update doing payment, setting necessary correction in database.

3.11.6. Payment Delete Button And Codes

Delete payment from firm account.

3.11.7. Clear Button And Codes

Clear the form.

3.12. Depts And Payment Cashier Account

This form keep account of cashier with dates and search account of cashiers according to person id, person name, date and then show them. Also save payment of cashiers and calculate total of depts and payment, balance. The form show in figure 3.21.

SDACS - Supermarket De	livery Anotomation System	Ì Sign O
Cashier - Selling Cashier - Whole Cashier -	Canceling Strongbox	
Person ID Search Person Name Date 28.06.2008 V Find	Payment General Dept Total 0 Amount Of Payment Balance 0	Pay
Depts	Payment	
Seliing Bill(s)	Cashier Payment(s)	
Total 0		
Total 0 Whole Selling Bill(s)		
Total 0 Whole Selling Bill(s)		
Total 0 Whole Selling Bill(s)	Total	

Figure 3.21. Cashier Account Form

3.13. Cashier Canceling Form

This form canceling the selected selling(bill). And set necessary modification in person account and stock. Also doing search bill as to date, bill no, cashier name, firm name. Form show in figure 3.22.

		SDACS - Supermarket	Belivery Auotomation	5ystem		Sign Ou
Stok Control Ar	nd Setting		Cashier - Selling	Cashier · Whole	Cashier - C	anceling
Date	28.06.2008	▼ 28.06.2008 ▼				<u>Home Page</u>
Bill No						
Cashier Name		Sashier Search	 Selling 	Search	Clear	S Gancel Bill
Firm Name		Firm Search	O Whole Selling			
BILL(S)			-			
ITEM(S)	a line and	and and a lite			al an a	

Figure 3.22. Cashier Canceling Form

3.14. Program Settings Form

This form to enable to set of any setting of programing. When click program setting, guide you setting page first and setting page directly guide you setting. Setting page show in figure 3.23.

	SDACS - Supermarket Selivery Austama	tion System	Sign Out
Ceshier · Whole Ces Setting Page Unit Settings Setting Pr	hier - Canceling Strongbox	Depts And Payment Program Settings	Report:
UNIT SETTINGS	SELLING PRICE CALCULATOR SETTING	CLIENT PERMISSION AND SETTING	Uniterade

Figure 3.23. Setting page

3.14.1. Unit Setting Form

This form add or delete any unit. For example money unit, package unit... form show in figure 3.24.

	50AC5 - Supermarke	Delivery Austomation System		V RX
				Sign Out
Cashier - Who	ole Cashier - Canceling S	trongbox	nt Rogram Settings	
Setting Page	ettings Setting Price Calculater Settings Clier	nt Permissions And Settings Reset		
Money Unit Set	tting	-Sex Setting	<u>Go To Se</u>	tting Page
Money Unit	ADD	Sex	ADD	
	SET		DELETE	
	DELETE			
1		<u>1</u>		
Package Unit S	Setting	Package Type Setting		
Package Unit	ADD	Package Type	ADD	
	DELETE		DELETE	
Mark Setting		Location Setting		
Mark	ADD	Location	ADD [
	PELETE		DELETE	
				1

Figure 3.24. Unit Setting

3.14.2. Selling Price Calculating Setting

This form set policy of firm of how is calculate selling price. Show in figure 3.25.

selling Price	selling Price Calculater Set selling Price Buying Price	inge Litent Permissions	And Settings Heset	<u>Ga To Setting Pa</u>
Clear	1 2 3 4 5 6 7 8 9 <- 0 .	% + ()	Set Selling Price Calculator	

Figure 3.25. Selling Price Calculator Setting

3.14.3. Client Permission And Setting

This form add, delete or update statute, also set the permission of statute. Form show in figure 3.26.

SBAES - Supermarke	t Delivery Auctomation System	
Cashier · Whole Cashier · Canceling S	trongbox Depts And Payment	Program Settings
Statue Name	nt Permissions. And Settings	<u>Go To Setting Page</u>
Statue Name ADD	CASHIER SELLING	REPORTS
	CASHIER WHOLE SELLING	
STOCK CONTROL AND SETTING		-
	STRONG BOX	
DEPTS AND PAYMENTS	PROGRAM SETTINGS	

Figure 3.26. Client Permissions and Setting Form

CHAPTER FOUR: CREATE SQL TABLES AND SQL LANGUAGE OF STORED PROSEDURE

4.1. Created Tables

Create table in sql server. Created tables show in figure 4.1.



Figure 4.1. Created Sql Tables

4.2. Created SQL Stored Procedure

Create sql procedure for interrogate database tables. Write sql code in sql query analyzer.

CONCLUSION

In practice, this program which manages a supermarket's automation system. Also it makes arrangements of the super market's sale, purchasing, stocks and accounting process.

In chapters, there are informations about definition, evolution development and history of visual studio.net 2003 and sql server 2000 and also give informations about instruction of the program, how is database management system, moreover, gives and explain the codes of program.

The aims of this program are to make easy to sale and purchasing, stocking, accounting. Besides it gives datas to management departements so it contributes to develop and to manage better to the supermarket. The program provides to reach to the informations about supermarket faster.

In this program it is aimed that to decrease the missing rates in such managements. It enables the customers to make shopping faster and safely.

Appendix Visual Basic .NET

Public Class Form1

Inherits System. Windows. Forms. Form Private Sub Button1 Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles dbc Button1.Click dbc ProgressBar1.Value = 0dbc ProgressBar1.Visible = True dbc_Label1.Enabled = False dbc Label2.Enabled = False dbc TextBox1.Enabled = False dbc TextBox2.Enabled = False dbc Button1.Enabled = False dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 15 If dbc_TextBox1.Text = "" Or dbc_TextBox2.Text = "" Then dbc ProgressBar1.Value = dbc ProgressBar1.Value + 85 dbc_ProgressBar1.Visible = False MsgBox("You Have To Enter Server Name or Database Name", MessageBoxIcon.Warning) dbc Label1.Enabled = True dbc_Label2.Enabled = True dbc TextBox1.Enabled = True dbc_TextBox2.Enabled = True dbc Button1.Enabled = True Else dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 15 Dim s As String s = "Data Source=" & dbc_TextBox1.Text & ";" & "Initial Catalog=" & dbc_TextBox2.Text & ";" & "Integrated Security=True"

connstr = s

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 20

Dim c As New SqlClient.SqlConnection(s)

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25

c.Open()

If c.State = ConnectionState.Open Then

dbc ProgressBar1.Value = dbc ProgressBar1.Value + 25

dbc_ProgressBar1.Visible = False

connetrl = 1

Me.Hide()

ContextMenu1.MenuItems(1).Enabled = True

NotifyIcon1.Icon = New Icon("C:\Program

Files\SDACS\icons\enable server.ico")

Dim f2 As New Form2

f2.ShowDialog()

End If

Catch ex As SqlClient.SqlException

If ex.Number = 17 Then

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25 dbc_ProgressBar1.Visible = False

MsgBox("Invalid Server Name", MessageBoxIcon.Error)

dbc TextBox1.Text = ""

dbc TextBox1.Focus()

ElseIf ex.Number = 4060 Then

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25

dbc_ProgressBar1.Visible = False

MsgBox("Invalid Database Name", MessageBoxIcon.Error)

dbc_TextBox2.Text = ""

dbc_TextBox2.Focus()

Else

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25 dbc_ProgressBar1.Visible = False

MsgBox(ex.Message & "(" & ex.Number & ")")

End If

dbc_Label1.Enabled = True

dbc_Label2.Enabled = True

dbc_TextBox1.Enabled = True

dbc_TextBox2.Enabled = True

dbc_Button1.Enabled = True Finally c.Close() End Try End If End Sub

Private Sub NotifyIcon1_DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles NotifyIcon1.DoubleClick

Me.Show()

End Sub

Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles dbc_Button2.Click

Me.Hide() End Sub

Private Sub MenuItem1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem1.Click

Me.Close() End Sub

Private Sub dbc_Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles dbc_Button3.Click

connctrl = 0
dbc_Label1.Enabled = True
dbc_Label2.Enabled = True
dbc_TextBox1.Enabled = True
dbc_TextBox2.Enabled = True
dbc_Button1.Enabled = True
dbc_TextBox1.Text = ""
dbc_TextBox2.Text = ""
NotifyIcon1.Icon = New Icon("C:\Program

Files\SDACS\icons\desable_server.ico")

End Sub

Private Sub MenuItem2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem2.Click

Me.Show()

End Sub

Private Sub MenuItem4_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem4.Click

Dim f2 As New Form2

f2.ShowDialog()

End Sub

```
Private Sub ContextMenu1_Popup(ByVal sender As Object, ByVal e As
```

System.EventArgs) Handles ContextMenu1.Popup

```
If signinctrl = 0 Or connetrl = 0 Then
```

ContextMenu1.MenuItems(1).Enabled = False

Else

ContextMenu1.MenuItems(1).Enabled = True End If End Sub

End Class

Public Class Form2

Inherits System.Windows.Forms.Form

Private Sub lgn_Button1_Click(ByVal sender As System.Object, ByVal e As

System.EventArgs) Handles lgn_Button1.Click

lgn_Label1.Enabled = False lgn_Label2.Enabled = False lgn_TextBox1.Enabled = False lgn_TextBox2.Enabled = False lgn_Button1.Enabled = False If lgn_TextBox1.Text = "" Then

MsgBox("You Have To Enter Your Person ID", MessageBoxIcon.Information) lgn Label1.Enabled = True lgn Label2.Enabled = True lgn TextBox1.Enabled = True lgn TextBox2.Enabled = True lgn Button1.Enabled = True ElseIf connctrl = 1 Then c.ConnectionString = connstr Ds2.persondat.Clear() da.Fill(Ds2.persondat) Dim dr As DataRow Dim i As Integer = 0Dim ctrl As Integer = 0For Each dr In Ds2.persondat.Rows If Not IsNumeric(lgn TextBox1.Text) Then MsgBox("Invalid Person ID", MessageBoxIcon.Error) lgn Label1.Enabled = True lgn Label2.Enabled = True lgn TextBox1.Enabled = True lgn_TextBox2.Enabled = True lgn Button1.Enabled = True Exit Sub End If If dr.Item("id") = lgn_TextBox1.Text And dr.Item("password") = Ign TextBox2.Text Then Me.Hide() signinctrl = 1pid = dr.Item("id")statue = dr.Item("statue") pname = dr.Item("name") surname = dr.Item("surname") sex = dr.Item("sex")Dim f3 As New Form3 f3.ShowDialog()

Me.Show()

signinctrl = 0

lgn_Label1.Enabled = True

lgn_Label2.Enabled = True

lgn_TextBox1.Enabled = True

lgn_TextBox2.Enabled = True

lgn_Button1.Enabled = True

lgn_TextBox1.Text = ""

lgn TextBox2.Text = ""

```
\operatorname{ctrl} = 0
```

Exit Sub

Else

ctrl = 1

End If

Next

If ctrl = 1 Then

MsgBox("Wrong Person Id or Password", MessageBoxIcon.Error)

 $lgn_Label1.Enabled = True$

lgn Label2.Enabled = True

lgn_TextBox1.Enabled = True

lgn_TextBox2.Enabled = True

lgn_Button1.Enabled = True

End If

Else

MsgBox("Connection Problem You Have To Connect To Server Before Login", MessageBoxIcon.Error)

lgn_Label1.Enabled = True lgn_Label2.Enabled = True lgn_TextBox1.Enabled = True lgn_TextBox2.Enabled = True lgn_Button1.Enabled = True Me.Close() End If End Sub Private Sub Form2_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

lgn_TextBox1.Focus()

End Sub

Private Sub Form2_Closing(ByVal sender As Object, ByVal e As System.ComponentModel.CancelEventArgs) Handles MyBase.Closing signinctrl = 1

End Sub

End Class

Public Class Form4 Inherits System. Windows. Forms. Form Dim cm As CurrencyManager Dim change As String Dim changel As String Private Sub Form4_Load(ByVal sender As System.Object, ByVal e As System. EventArgs) Handles MyBase. Load Label1.Text = sex & " " & pname & " " & surname pc.ConnectionString = connstr Dim co As New SqlClient.SqlCommand Dim da As New SqlClient.SqlDataAdapter Dim ds As New DataSet \sim co.Connection = pc co.CommandText = "select * from [permissions] where (id=" & statue & ")" da.SelectCommand = cods.Clear() da.Fill(ds, "per") Dim dr As DataRow For Each dr In ds. Tables("per"). Rows If dr.Item("cregandest") = 1 Then Button102.Visible = True TabControl1.TabPages(1).Enabled = True

```
ElseIf dr.Item("cregandest") = 0 Then
TabControl1.TabPages(1).Enabled = False
Button102.Visible = False
End If
```

```
If dr.Item("fregandset") = 1 Then
   Button105.Visible = True
  TabControl1.TabPages(2).Enabled = True
ElseIf dr.Item("fregandset") = 0 Then
   TabControl1.TabPages(2).Enabled = False
  Button105.Visible = False
End If
If dr.Item("sconandset") = 1 Then
  Button108.Visible = True
  TabControl1.TabPages(3).Enabled = True
ElseIf dr.Item("sconandset") = 0 Then
  TabControl1.TabPages(3).Enabled = False
  Button108.Visible = False
End If
If dr.Item("entinvoice") = 1 Then
  Button111.Visible = True
  TabControl1.TabPages(4).Enabled = True
ElseIf dr.Item("entinvoice") = 0 Then
  TabControl1.TabPages(4).Enabled = False
  Button111.Visible = False
End If
If dr.Item("casselling") = 1 Then
  Button103.Visible = True
  TabControl1.TabPages(5).Enabled = True
ElseIf dr.Item("casselling") = 0 Then
  TabControl1.TabPages(5).Enabled = False
  Button103.Visible = False
End If
If dr.Item("caswselling") = 1 Then
```

```
Button106.Visible = True
  TabControl1.TabPages(6).Enabled = True
ElseIf dr.Item("caswselling") = 0 Then
  TabControl1.TabPages(6).Enabled = False
  Button106.Visible = False
End If
If dr.Item("cascanceling") = 1 Then
  Button109.Visible = True
  TabControl1.TabPages(7).Enabled = True
ElseIf dr.Item("cascanceling") = 0 Then
  TabControl1.TabPages(7).Enabled = False
  Button109.Visible = False
End If
If dr.Item("strongbox") = 1 Then
  Button114.Visible = True
  TabControl1.TabPages(8).Enabled = True
ElseIf dr.Item("strongbox") = 0 Then
  TabControl1.TabPages(8).Enabled = False
  Button114.Visible = False
End If
If dr.Item("deptandpayment") = 1 Then
  Button104.Visible = True
  TabControl1.TabPages(9).Enabled = True
ElseIf dr.Item("deptandpayment") = 0 Then
  TabControl1.TabPages(9).Enabled = False
  Button104.Visible = False
End If
If dr.Item("progset") = 1 Then
  Button 107. Visible = True
  TabControl1.TabPages(10).Enabled = True
ElseIf dr.Item("progset") = 0 Then
  TabControl1.TabPages(10).Enabled = False
  Button 107. Visible = False
End If
```

If dr.Item("reports") = 1 Then Button110.Visible = True TabControl1.TabPages(11).Enabled = True ElseIf dr.Item("reports") = 0 Then TabControl1.TabPages(11).Enabled = False Button110.Visible = False End If Next

End Sub

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
```

If connectrl = 1 Then

If TextBox1.Text = "" Then

MsgBox("Please enter id number", MessageBoxIcon.Error)

Else

If IsNumeric(TextBox1.Text) Then

Dim dset As New DataSet

Dim da As New SqlClient.SqlDataAdapter

pc.ConnectionString = connstr

idsrc.Parameters("@xx").Value = TextBox1.Text

da.SelectCommand = idsrc

da.Fill(dset, "f")

DataView1.Table = dset.Tables("f")

Else

MsgBox("invalid ID", MessageBoxIcon.Error)

End If

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button6_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button6.Click
```

If connctrl = 1 Then

Dim dset As New DataSet

Dim da As New SqlClient.SqlDataAdapter

pc.ConnectionString = connstr

nmsrc.Parameters("@xx").Value = TextBox2.Text & "%"

da.SelectCommand = nmsrc

da.Fill(dset, "f")

DataView1.Table = dset.Tables("f")

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub DataGrid1_DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid1.DoubleClick

cm = CType(Me.BindingContext(DataView1), CurrencyManager) TextBox1.Text = DataGrid1.Item(cm.Position, 0) TextBox2.Text = DataGrid1.Item(cm.Position, 1) TextBox3.Text = DataGrid1.Item(cm.Position, 2) ComboBox1.Text = DataGrid1.Item(cm.Position, 3) TextBox6.Text = DataGrid1.Item(cm.Position, 4) TextBox7.Text = DataGrid1.Item(cm.Position, 5) TextBox8.Text = DataGrid1.Item(cm.Position, 6) TextBox5.Text = DataGrid1.Item(cm.Position, 7) TextBox4.Text = DataGrid1.Item(cm.Position, 8) ComboBox3.Text = DataGrid1.Item(cm.Position, 9) DateTimePicker1.Text = DataGrid1.Item(cm.Position, 10) ComboBox2.Text = DataGrid1.Item(cm.Position, 11) End Sub

Private Sub TabControl1_SelectedIndexChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles TabControl1.SelectedIndexChanged

If TabControl1.SelectedTab.Name = "TabPage1" Then Me.AcceptButton = Button2 pc.ConnectionString = connstr Pds1.persondat.Clear() pda.Fill(Pds1.persondat)

Dim ss As New DataSet ComboBox1.Items.Clear() sexda.Fill(ss, "a") Dim dr As DataRow For Each dr In ss.Tables("a").Rows ComboBox1.Items.Add(dr.Item("sex")) Next Dim st As New DataSet Dim stda As New SqlClient.SqlDataAdapter Dim stco As New SqlClient.SqlCommand stco.Connection = pcstco.CommandText = "select statute from [permissions]" stda.SelectCommand = stco ComboBox2.Items.Clear() stda.Fill(st, "s") Dim drst As DataRow For Each drst In st.Tables("s").Rows ComboBox2.Items.Add(drst.Item("statute"))

Next

Dim u As New DataSet Dim uda As New SqlClient.SqlDataAdapter Dim uco As New SqlClient.SqlCommand uco.Connection = pc
```
uco.CommandText = "select unit from moneyunit"
uda.SelectCommand = uco
ComboBox3.Items.Clear()
uda.Fill(u, "s")
Dim dru As DataRow
For Each dru In u.Tables("s").Rows
ComboBox3.Items.Add(dru.Item("unit"))
Next
End If
If TabControl1.SelectedIndex = 3 Then
Me.AcceptButton = Button9
End If
End Sub
```

```
Private Sub LinkLabel1_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel1.LinkClicked
TabControl1.SelectedIndex = 0
```

End Sub

```
Private Sub Button5_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button5.Click
```

```
If connctrl = 1 Then
TextBox1.Text = ""
TextBox2.Text = ""
TextBox3.Text = ""
TextBox4.Text = ""
TextBox5.Text = ""
TextBox6.Text = ""
TextBox7.Text = ""
ComboBox3.Text = ""
ComboBox1.Text = ""
```

DateTimePicker1.Text = "" Pds1.persondat.Clear() DataView1.Table = Pds1.persondat

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button4 Click(ByVal sender As System.Object, ByVal e As System. EventArgs) Handles Button4. Click If connctrl = 1 Then If TextBox1.Text = "" Or Not IsNumeric(TextBox1.Text) Then MsgBox("Invalid ID Number", MsgBoxStyle.Information) Else pc.ConnectionString = connstr Dim st As New DataSet Dim statueid As Integer pc.Open() findstid.Parameters("@statue").Value = ComboBox2.Text statueid = findstid.ExecuteScalar pc.Close() persnupt.Parameters("@id").Value = TextBox1.Text persnupt.Parameters("@name").Value = TextBox2.Text persnupt.Parameters("@surname").Value = TextBox3.Text persnupt.Parameters("@sex").Value = ComboBox1.Text persnupt.Parameters("@address").Value = TextBox6.Text persnupt.Parameters("@phone").Value = TextBox7.Text persnupt.Parameters("@email").Value = TextBox8.Text persnupt.Parameters("@password").Value = TextBox5.Text persnupt.Parameters("@salery").Value = TextBox4.Text persnupt.Parameters("@moneyunit").Value = ComboBox3.Text persnupt.Parameters("@startingdate").Value = DateTimePicker1.Text persnupt.Parameters("@statue").Value = statueid

Try

Dim i As Integer

i = MsgBox("Do You Want to Save Changes Realy", MsgBoxStyle.YesNo, "UPDATE")

If i = 6 Then

pc.Open()

persnupt.ExecuteNonQuery()

MsgBox("Updated Successful", MsgBoxStyle.Information)

End If

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

pc.ConnectionString = connstr

```
Pds1.persondat.Clear()
```

pda.Fill(Pds1.persondat)

DataView1.Table = Pds1.persondat

End Try

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click

If connctrl = 1 Then

dltpersn.Parameters("@id").Value = TextBox1.Text

Try

Dim i As Integer

i = MsgBox("Do You Want to Delete Person Realy", MsgBoxStyle.YesNo, "DELETE")

If i = 6 Then

pc.ConnectionString = connstr

pc.Open()

dltpersn.ExecuteNonQuery()

MsgBox("Person Deleted", MsgBoxStyle.Information)

End If

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

pc.ConnectionString = connstr

Pds1.persondat.Clear()

pda.Fill(Pds1.persondat)

DataView1.Table = Pds1.persondat

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

```
Me.Close()
End If
End Sub
```

```
Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click
```

If connctrl = 1 Then pc.ConnectionString = connstr Dim st As New DataSet Dim statueid As Integer pc.Open() findstid.Parameters("@statue").Value = ComboBox2.Text statueid = findstid.ExecuteScalar pc.Close() saveperson.Parameters("@id").Value = TextBox1.Text

If TextBox2.Text = "" Then

MsgBox("Enter A Name", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@name").Value = TextBox2.Text
End If

If TextBox3.Text = "" Then

MsgBox("Enter A Surname", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@surname").Value = TextBox3.Text End If

If ComboBox1.Text = "" Then

MsgBox("Select A Sex", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@sex").Value = ComboBox1.Text

End If

If TextBox6.Text = "" Then

MsgBox("Enter An Address", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@address").Value = TextBox6.Text
End If

If TextBox7.Text = "" Then

saveperson.Parameters("@phone").Value = "-"

Else

saveperson.Parameters("@phone").Value = TextBox7.Text
End If

.

If TextBox8.Text = "" Then

saveperson.Parameters("@email").Value = "-"

Else

saveperson.Parameters("@email").Value = TextBox8.Text

End If

If TextBox5.Text = "" Then

MsgBox("Enter A Password", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@password").Value = TextBox5.Text
End If

If TextBox4.Text = "" Then

saveperson.Parameters("@salery").Value = DBNull.Value Else

saveperson.Parameters("@salery").Value = TextBox4.Text

End If

If ComboBox3.Text = "" Then

MsgBox("Select a Moneyunit", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@moneyunit").Value = ComboBox3.Text
End If

```
saveperson.Parameters("@startingdate").Value = DateTimePicker1.Value
If ComboBox2.Text = "" Then
```

MsgBox("Select A Statute", MsgBoxStyle.Information)

Exit Sub

Else

saveperson.Parameters("@statue").Value = statueid

End If

Try

Dim i As Integer

i = MsgBox("Do You Want to Save Person Realy", MsgBoxStyle.YesNo, "SAVE")

If i = 6 Then

pc.ConnectionString = connstr

pc.Open()

saveperson.ExecuteNonQuery()

MsgBox("Saved Personel Successfully", MsgBoxStyle.Information)

End If

Catch ex As SqlClient.SqlException

If ex.Number = 2627 Then

MsgBox(TextBox1.Text & "Person ID Already Exist Please Change

Person ID and Try Again", MessageBoxIcon.Error)

Else

MsgBox(ex.Message & " (" & ex.Number & ")")

End If

Finally

pc.Close()

pc.ConnectionString = connstr

Pds1.persondat.Clear()

pda.Fill(Pds1.persondat)

DataView1.Table = Pds1.persondat

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub TextBox2_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox2.TextChanged

Me.AcceptButton = Button6

End Sub

Private Sub TextBox1_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox1.TextChanged

Me.AcceptButton = Button1

End Sub

Private Sub CheckBox2_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CheckBox2.CheckedChanged If CheckBox2.Checked = True Then Label37.Enabled = True Label38.Enabled = True DateTimePicker2.Enabled = True DateTimePicker3.Enabled = True End If If CheckBox2.Checked = False Then Label37.Enabled = False Label38.Enabled = False DateTimePicker2.Enabled = False DateTimePicker3.Enabled = False End If

Private Sub TextBox11_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs)

Me.AcceptButton = Button9

If change = ComboBox16.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

End Sub

```
Private Sub LinkLabel2_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel2.LinkClicked
ComboBox16.Enabled = True
change = ComboBox16.Text
End Sub
```

Private Sub LinkLabel3_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles LinkLabel3.LinkClicked

```
TextBox12.Enabled = True
change = TextBox12.Text
End Sub
```

```
Private Sub LinkLabel4_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel4.LinkClicked
```

```
ComboBox4.Enabled = True
change = ComboBox4.Text
End Sub
```

```
Private Sub LinkLabel5_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
```

LinkLabel5.LinkClicked

ComboBox5.Enabled = True

```
change = ComboBox5.Text
```

End Sub

```
Private Sub LinkLabel6_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
```

LinkLabel6.LinkClicked

```
TextBox14.Enabled = True
change = TextBox14.Text
spcctrl = 1
End Sub
```

Private Sub LinkLabel7_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles

LinkLabel7.LinkClicked

TextBox13.Enabled = True ComboBox6.Enabled = True change = TextBox13.Text change1 = ComboBox6.Text spcctrl = 1

End Sub

Private Sub LinkLabel8_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles

LinkLabel8.LinkClicked

TextBox15.Enabled = True change = TextBox15.Text End Sub

```
Private Sub LinkLabel9_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel9.LinkClicked
ComboBox8.Enabled = True
```

```
change = ComboBox8.Text
End Sub
```

```
Private Sub TextBox12_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox12.TextChanged
```

```
If change = TextBox12.Text Then
Button10.Enabled = False
Else
Button10.Enabled = True
End If
End Sub
```

```
Private Sub ComboBox4_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ComboBox4.SelectedIndexChanged
If change = ComboBox4.Text Then
Button10.Enabled = False
Else
Button10.Enabled = True
End If
End Sub
```

```
Private Sub ComboBox5_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ComboBox5.SelectedIndexChanged
If change = ComboBox5.Text Then
Button10.Enabled = False
Else
Button10.Enabled = True
End If
End Sub
```

Private Sub TextBox14_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox14.TextChanged

If change = TextBox14.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

If TextBox13.Text = "" Or TextBox14.Text = "" Or Not

IsNumeric(TextBox13.Text) Or Not IsNumeric(TextBox14.Text) Or spectrl = 0 Then

```
Exit Sub
End If
Dim price As Double
Dim vad As Double
Dim vadcost As Double
price = TextBox13.Text
vad = TextBox14.Text
vad = (vad / 100) + 1
vadcost = price - (price / vad)
Label61.Text = Math.Round(vadcost, 2)
End Sub
```

Private Sub TextBox13_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox13.TextChanged If change = TextBox13.Text Then Button10.Enabled = False Else

Button10.Enabled = True

End If

```
If TextBox13.Text = "" Or TextBox14.Text = "" Or Not
```

IsNumeric(TextBox14.Text) Or Not IsNumeric(TextBox13.Text) Or spectrl = 0 Then

Exit Sub End If Dim price As Double Dim vad As Double Dim vadcost As Double price = TextBox13.Text vad = TextBox14.Text vad = (vad / 100) + 1 vadcost = price - (price / vad) Label61.Text = Math.Round(vadcost, 2) End Sub

Private Sub ComboBox6_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ComboBox6.SelectedIndexChanged

If change1 = ComboBox6.Text Then Button10.Enabled = False Else Button10.Enabled = True End If End Sub

Private Sub TextBox15_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox15.TextChanged

If change = TextBox15.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

End Sub

Private Sub ComboBox8_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ComboBox8.SelectedIndexChanged

If change = ComboBox8.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

End Sub

```
Private Sub CheckBox1_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CheckBox1.CheckedChanged
```

If CheckBox1.Checked = True Then

GroupBox5.Enabled = True

Else

```
GroupBox5.Enabled = False
TextBox23.Text = ""
ComboBox13.Text = ""
TextBox24.Text = ""
DateTimePicker2.Text = ""
DateTimePicker3.Text = ""
CheckBox2.Checked = False
End If
End Sub
```

```
Private Sub Button9_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button9.Click
If connctrl = 1 Then
If DateTimePicker3.Value < DateTimePicker2.Value Then
MsgBox("Campaign Starting date Not Greater Then Campaign Finishing
date", MessageBoxIcon.Error)
Exit Sub
End If
If TextBox9.Text = "" Or Not IsNumeric(TextBox9.Text) Then
```

MsgBox("Invalid Barcode", MessageBoxIcon.Error) Exit Sub

End If

productadd.Parameters("@barcode").Value = TextBox9.Text

If ComboBox14.Text = "" Then

MsgBox("Please Select A Product Type", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@producttype").Value = ComboBox14.Text End If

If ComboBox16.Text = "" Then

MsgBox("Please Enter A Mark", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@mark").Value = ComboBox16.Text

End If

If TextBox12.Text = "" Then

MsgBox("Please Enter A Package Amount", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@packageamount").Value = TextBox12.Text End If

If ComboBox4.Text = "" Then

MsgBox("Please Select A Package Unit", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@packageunit").Value = ComboBox4.Text End If

If ComboBox5.Text = "" Then

MsgBox("Please Select A Package Type", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@packagetype").Value = ComboBox5.Text

End If

If TextBox14.Text = "" Then

productadd.Parameters("@tax").Value = 0

Else

productadd.Parameters("@tax").Value = TextBox14.Text

End If

If TextBox13.Text = "" Then

productadd.Parameters("@sellingprice").Value = 0

Else

productadd.Parameters("@sellingprice").Value = TextBox13.Text End If

productadd.Parameters("@moneyunit").Value = ComboBox6.Text

productadd.Parameters("@taxcost").Value = Label61.Text

If TextBox15.Text = "" Then

productadd.Parameters("(a)stock").Value = 0

Else

```
productadd.Parameters("@stock").Value = TextBox15.Text
```

End If

If ComboBox8.Text = "" Then

productadd.Parameters("@location").Value = "-"

Else

productadd.Parameters("@location").Value = ComboBox8.Text End If

Try

pc.ConnectionString = connstr

pc.Open()

productadd.ExecuteNonQuery()

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

campaignadd.Parameters("@barcode").Value = TextBox9.Text

If CheckBox2.Checked = True And CheckBox1.Checked = True Then campaignadd.Parameters("@startingdate").Value = DateTimePicker2.Text campaignadd.Parameters("@finishingdate").Value = DateTimePicker3.Text

```
ElseIf CheckBox1.Checked = False Then
```

campaignadd.Parameters("@startingdate").Value = "31.12.9998" campaignadd.Parameters("@finishingdate").Value = "31.12.9998"

ElseIf CheckBox1.Checked = True And CheckBox2.Checked = False Then campaignadd.Parameters("@startingdate").Value = DateTime.Today campaignadd.Parameters("@finishingdate").Value = "31.12.9998" End If

If TextBox24.Text = "" Then

campaignadd.Parameters("@notes").Value = "-"

Else

campaignadd.Parameters("@notes").Value = TextBox24.Text End If

If CheckBox1.Checked = True Then

```
If TextBox23.Text = "" Then
```

MsgBox("Please Enter A campaign Price or Calculate Campaign Price", MessageBoxIcon.Error)

Exit Sub

Else

campaignadd.Parameters("@campaignprice").Value = TextBox23.Text End If

Else

```
campaignadd.Parameters("@campaignprice").Value = 0
```

End If

If CheckBox1.Checked = True Then

If ComboBox13.Text = "" Then

MsgBox("Please Select Money Unit", MessageBoxIcon.Error) Exit Sub

Else

campaignadd.Parameters("@moneyunit").Value = ComboBox13.Text End If

Else

```
campaignadd.Parameters("@moneyunit").Value = "-"
End If
Try
  pc.ConnectionString = connstr
  pc.Open()
  campaignadd.ExecuteNonQuery()
  MsgBox("Product Add Successfully", MsgBoxStyle.Information)
Catch ex As SqlClient.SqlException
  MsgBox(ex.Message & " (" & ex.Number & ")")
Finally
  pc.Close()
End Try
pc.ConnectionString = connstr
Prdctds1.products.Clear()
listallproducts.Fill(Prdctds1.products)
Dim slctdr As DataRow
Dim i As Integer = 0
cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)
For Each slctdr In Prdctds1.products.Rows
  If slctdr.Item("barcode") = TextBox9.Text Then
    DataGrid2.Select(i)
    cm.Position = i
  End If
  i += 1
Next
TextBox9.Text = ""
ComboBox16.Text = ""
TextBox12.Text = ""
TextBox13.Text = ""
TextBox14.Text = ""
TextBox15.Text = ""
ComboBox14.Text = ""
ComboBox4.Text = ""
```

```
ComboBox5.Text = ""
```

ComboBox6.Text = "" ComboBox8.Text = "" CheckBox1.Checked = False ComboBox16.Enabled = True TextBox12.Enabled = True TextBox13.Enabled = True TextBox14.Enabled = True TextBox15.Enabled = True ComboBox4.Enabled = True ComboBox5.Enabled = True ComboBox6.Enabled = True Button11.Enabled = False Button10.Enabled = False

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

```
Private Sub LinkLabel10_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel10.LinkClicked
```

TabControl1.SelectedIndex = 0

End Sub

Private Sub Button14_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button14.Click

```
If connctrl = 1 Then
```

TextBox9.Text = ""

ComboBox16.Text = ""

TextBox12.Text = ""

```
TextBox13.Text = ""
```

TextBox14.Text = "" TextBox15.Text = "" ComboBox14.Text = "" ComboBox4.Text = "" ComboBox5.Text = "" ComboBox6.Text = "" ComboBox8.Text = "" CheckBox1.Checked = False Prdctds1.products.Clear() ComboBox16.Enabled = TrueTextBox12.Enabled = True TextBox13.Enabled = False TextBox14.Enabled = False TextBox15.Enabled = TrueComboBox4.Enabled = TrueComboBox5.Enabled = TrueComboBox6.Enabled = False ComboBox8.Enabled = True Button9.Enabled = True Button 11. Enabled = False Button 10. Enabled = FalseLabel61.Text = 0prdctDataView.RowFilter = "" Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button15_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button15.Click

If connectrl = 1 Then

prdctDataView.RowFilter = ""

ProgressBar1.Visible = True ProgressBar1.Value = 1 pc.ConnectionString = connstr ProgressBar1.Value = ProgressBar1.Value + 49 Prdctds1.products.Clear() ProgressBar1.Value = ProgressBar1.Value + 30 listallproducts.Fill(Prdctds1.products) ProgressBar1.Value = ProgressBar1.Value + 20 ProgressBar1.Visible = False

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub DataGrid2 DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid2.DoubleClick cm = CType(Me.BindingContext(prdctDataView), CurrencyManager) TextBox9.Text = DataGrid2.Item(cm.Position, 0) ComboBox14.Text = DataGrid2.Item(cm.Position, 1) ComboBox16.Text = DataGrid2.Item(cm.Position, 2) TextBox12.Text = DataGrid2.Item(cm.Position, 3) ComboBox4.Text = DataGrid2.Item(cm.Position, 4) ComboBox5.Text = DataGrid2.Item(cm.Position, 5) TextBox14.Text = DataGrid2.Item(cm.Position, 6) TextBox13.Text = DataGrid2.Item(cm.Position, 7) ComboBox6.Text = DataGrid2.Item(cm.Position, 8) Label61.Text = DataGrid2.Item(cm.Position, 9) ComboBox8.Text = DataGrid2.Item(cm.Position, 10) TextBox15.Text = DataGrid2.Item(cm.Position, 11) If DataGrid2.Item(cm.Position, 15) = 0 Then CheckBox1.Checked = False

CheckBox1.Checked = True

TextBox23.Text = DataGrid2.Item(cm.Position, 15)

ComboBox13.Text = DataGrid2.Item(cm.Position, 16)

TextBox24.Text = DataGrid2.Item(cm.Position, 14)

If DataGrid2.Item(cm.Position, 12) = "31.12.9999" Then

CheckBox2.Checked = False

Else

CheckBox2.Checked = True

DateTimePicker2.Text = DataGrid2.Item(cm.Position, 12)

DateTimePicker3.Text = DataGrid2.Item(cm.Position, 13)

End If

End If

ComboBox16.Enabled = False

TextBox12.Enabled = False

TextBox13.Enabled = False

TextBox14.Enabled = False

TextBox15.Enabled = False

ComboBox4.Enabled = False

ComboBox5.Enabled = False

ComboBox6.Enabled = False

ComboBox8.Enabled = False

Button9.Enabled = False

Button10.Enabled = False

Button11.Enabled = True

End Sub

Private Sub Button7_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button7.Click If connctrl = 1 Then If TextBox9.Text = "" Or Not IsNumeric(TextBox9.Text) Then MsgBox("Invalid Barcode", MessageBoxIcon.Error) Exit Sub End If Dim bsda As New SqlClient.SqlDataAdapter pc.ConnectionString = connstr barcodesrc.Parameters("@barcode").Value = TextBox9.Text bsda.SelectCommand = barcodesrc Prdctds1.products.Clear() bsda.Fill(Prdctds1.products) cm = CType(Me.BindingContext(prdctDataView), CurrencyManager) If cm.Position ≥ 0 Then TextBox9.Text = DataGrid2.Item(cm.Position, 0) ComboBox14.Text = DataGrid2.Item(cm.Position, 1) ComboBox16.Text = DataGrid2.Item(cm.Position, 2) TextBox12.Text = DataGrid2.Item(cm.Position, 3) ComboBox4.Text = DataGrid2.Item(cm.Position, 4) ComboBox5.Text = DataGrid2.Item(cm.Position, 5) TextBox14.Text = DataGrid2.Item(cm.Position, 6) TextBox13.Text = DataGrid2.Item(cm.Position, 7) ComboBox6.Text = DataGrid2.Item(cm.Position, 8) Label61.Text = DataGrid2.Item(cm.Position, 9) ComboBox8.Text = DataGrid2.Item(cm.Position, 10) TextBox15.Text = DataGrid2.Item(cm.Position, 11) If DataGrid2.Item(cm.Position, 15) = 0 Then CheckBox1.Checked = False Else CheckBox1.Checked = TrueTextBox23.Text = DataGrid2.Item(cm.Position, 15) ComboBox13.Text = DataGrid2.Item(cm.Position, 16) TextBox24.Text = DataGrid2.Item(cm.Position, 14) If DataGrid2.Item(cm.Position, 12) = "31.12.9999" Then CheckBox2.Checked = False Else CheckBox2.Checked = True DateTimePicker2.Text = DataGrid2.Item(cm.Position, 12) DateTimePicker3.Text = DataGrid2.Item(cm.Position, 13) End If End If

Dim sletdr As DataRow Dim i As Integer = 0 cm = CType(Me.BindingContext(prdctDataView), CurrencyManager) For Each sletdr In Prdctds1.products.Rows If sletdr.Item("barcode") = TextBox9.Text Then

DataGrid2.Select(i)

cm.Position = i

End If

i += 1

Next

ComboBox16.Enabled = False

TextBox12.Enabled = False

TextBox13.Enabled = False

TextBox14.Enabled = False

TextBox15.Enabled = False

ComboBox4.Enabled = False

ComboBox5.Enabled = False

ComboBox6.Enabled = False

ComboBox8.Enabled = False

Else

MsgBox("Product Was Not Found (Invalid Barcode)",

MessageBoxIcon.Error)

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub TextBox9_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox9.TextChanged

Me.AcceptButton = Button7

Button11.Enabled = False

End Sub

```
Private Sub ComboBox14_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ComboBox14.SelectedIndexChanged
```

Me.AcceptButton = Button8

End Sub

```
Private Sub Button8_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button8.Click
```

If connctrl = 1 Then

If ComboBox14.Text = "" Then

MsgBox("Please Select A Product Type", MsgBoxStyle.Information) Exit Sub

End If

pc.ConnectionString = connstr

Dim typda As New SqlClient.SqlDataAdapter

typesrc.Parameters("@producttype").Value = ComboBox14.Text & "%"

typda.SelectCommand = typesrc

Prdctds1.products.Clear()

typda.Fill(Prdctds1.products)

cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)

If cm.Position < 0 Then

MsgBox("Product Was Not Found", MessageBoxIcon.Error) End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button11_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button11.Click

If connctrl = 1 Then

Dim i As Integer

i = MsgBox("Do You Want to Delete Product Realy", MsgBoxStyle.YesNo, "DELETE")

If i = 6 Then

pc.ConnectionString = connstr

Try

pc.Open()

Dim co As New SqlClient.SqlCommand

co.CommandText = "delete from products where (barcode=" &

TextBox9.Text & ")"

co.Connection = pc

co.ExecuteNonQuery()

MsgBox("Product Deleted Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

End If

pc.ConnectionString = connstr

Prdctds1.products.Clear()

listallproducts.Fill(Prdctds1.products)

TextBox9.Text = ""

ComboBox16.Text = ""

TextBox12.Text = ""

TextBox13.Text = ""

TextBox14.Text = ""

TextBox15.Text = ""

ComboBox14.Text = ""

ComboBox4.Text = ""

ComboBox5.Text = ""

ComboBox6.Text = ""

ComboBox8.Text = ""

CheckBox1.Checked = False

ComboBox16.Enabled = True TextBox12.Enabled = True TextBox13.Enabled = True TextBox14.Enabled = True TextBox15.Enabled = True ComboBox4.Enabled = True ComboBox5.Enabled = True ComboBox6.Enabled = True Button11.Enabled = False Button10.Enabled = False

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button10_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button10.Click

If connctrl = 1 Then

If ComboBox14.Text = "" Then

MsgBox("Please Select A Product Type", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@producttype").Value = ComboBox14.Text End If

If ComboBox16.Text = "" Then

MsgBox("Please Enter A Mark", MessageBoxIcon.Error)

Exit Sub

Else

productupdate.Parameters("@mark").Value = ComboBox16.Text End If

If TextBox12.Text = "" Then

MsgBox("Please Enter A Package Amount", MessageBoxIcon.Error) Exit Sub

Elself Not IsNumeric(TextBox12.Text) Then

MsgBox("Invalid Package Amount", MessageBoxIcon.Error)

Exit Sub

Else

productupdate.Parameters("@packageamount").Value = TextBox12.Text End If

If ComboBox4.Text = "" Then

MsgBox("Please Select A Package Unit", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@packageunit").Value = ComboBox4.Text End If

If ComboBox5.Text = "" Then

MsgBox("Please Select A Package Type", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@packagetype").Value = ComboBox5.Text End If

If TextBox14.Text = "" Then

MsgBox("Please Enter A Tax", MessageBoxIcon.Error)

Exit Sub

ElseIf Not IsNumeric(TextBox14.Text) Then

MsgBox("Invalid Tax Amount", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@tax").Value = TextBox14.Text End If

If TextBox13.Text = "" Then

MsgBox("Please Enter A Selling Price", MessageBoxIcon.Error) Exit Sub

ElseIf Not IsNumeric(TextBox13.Text) Then

MsgBox("Invalid Selling Price", MessageBoxIcon.Error)

Exit Sub

Else

productupdate.Parameters("@sellingprice").Value = TextBox13.Text End If

If ComboBox6.Text = "" Then

MsgBox("Please Select A Money Unit", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@moneyunit").Value = ComboBox6.Text End If

productupdate.Parameters("@taxcost").Value = Label61.Text

If TextBox15.Text = "" Then

MsgBox("Please Enter Stock Amount", MessageBoxIcon.Error) Exit Sub

ElseIf Not IsNumeric(TextBox15.Text) Then

MsgBox("Invalid Stok Amount", MessageBoxIcon.Error) Exit Sub

Else

```
productupdate.Parameters("@stock").Value = TextBox15.Text
```

End If

```
If ComboBox8.Text = "" Then
```

productupdate.Parameters("@location").Value = "-"

Else

productupdate.Parameters("@location").Value = ComboBox8.Text End If

productupdate.Parameters("@barcode").Value = TextBox9.Text Try

Dim i As Integer

i = MsgBox("Do You Want to Update Product Realy", MsgBoxStyle.YesNo, "UPDATE")

If i = 6 Then

pc.ConnectionString = connstr

pc.Open()

productupdate.ExecuteNonQuery()

MsgBox("Product Updated Successfully", MsgBoxStyle.Information) End If Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Finally pc.Close() End Try pc.ConnectionString = connstr Prdctds1.products.Clear() listallproducts.Fill(Prdctds1.products) prdctDataView.RowFilter = "barcode=" & TextBox9.Text spcctrl = 0 Else MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button18_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button18.Click
```

```
If connctrl = 1 Then
```

If DateTimePicker3.Value < DateTimePicker2.Value Then

```
MsgBox("Campaign Starting date Not Greater Then Campaign Finishing
```

date", MessageBoxIcon.Error)

Exit Sub

End If

Dim i As Integer

i = MsgBox("Do You Want to Make A Campaign Realy", MsgBoxStyle.YesNo, "CAMPAIGN")

If i = 6 Then

If CheckBox2.Checked = True And CheckBox1.Checked = True Then campaignupdate.Parameters("@startingdate").Value =

DateTimePicker2.Text

campaignupdate.Parameters("@finishingdate").Value =

DateTimePicker3.Text

ElseIf CheckBox1.Checked = False Then

campaignupdate.Parameters("@startingdate").Value = "31.12.9998"

campaignupdate.Parameters("@finishingdate").Value = "31.12.9998"

ElseIf CheckBox1.Checked = True And CheckBox2.Checked = False Then campaignupdate.Parameters("@startingdate").Value = DateTime.Today campaignupdate.Parameters("@finishingdate").Value = "31.12.9998"

End If

If TextBox23.Text = "" Then

MsgBox("Please Enter A Campaign Price Or Calculate",

MessageBoxIcon.Error)

Exit Sub

ElseIf Not IsNumeric(TextBox15.Text) Then

MsgBox("Invalid Campaignprice", MessageBoxIcon.Error) Exit Sub

Else

campaignupdate.Parameters("@campaignprice").Value = TextBox23.Text End If

If ComboBox13.Text = "" Then

MsgBox("Please Select A Money Unit", MessageBoxIcon.Error) Exit Sub

Else

campaignupdate.Parameters("@moneyunit").Value = ComboBox13.Text End If

```
If TextBox24.Text = "" Then
```

campaignupdate.Parameters("@notes").Value = "-"

Else

campaignupdate.Parameters("@notes").Value = TextBox24.Text End If

campaignupdate.Parameters("@barcode").Value = TextBox9.Text Try

pc.ConnectionString = connstr

pc.Open()

campaignupdate.ExecuteNonQuery()

MsgBox("Made Campaign Successfully", MsgBoxStyle.Information) Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

pc.ConnectionString = connstr

Prdctds1.products.Clear()

listallproducts.Fill(Prdctds1.products)

Dim slctdr As DataRow

Dim slcti As Integer = 0

cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)

For Each slctdr In Prdctds1.products.Rows

If slctdr.Item("barcode") = TextBox9.Text Then

DataGrid2.Select(slcti)

cm.Position = slcti

End If

slcti += 1

Next

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button17_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button17.Click

If connctrl = 1 Then

If DateTimePicker3.Value < DateTimePicker2.Value Then

MsgBox("Campaign Starting date Not Greater Then Campaign Finishing date", MessageBoxIcon.Error)

Exit Sub

End If

Dim i As Integer

i = MsgBox("Do You Want to Update Campaign Realy", MsgBoxStyle.YesNo, "CAMPAIGN")

If i = 6 Then

If CheckBox2.Checked = True And CheckBox1.Checked = True Then campaignupdate.Parameters("@startingdate").Value =

DateTimePicker2.Text

campaignupdate.Parameters("@finishingdate").Value =

DateTimePicker3.Text

ElseIf CheckBox1.Checked = False Then

campaignupdate.Parameters("@startingdate").Value = "31.12.9998"

campaignupdate.Parameters("@finishingdate").Value = "31.12.9998"

ElseIf CheckBox1.Checked = True And CheckBox2.Checked = False Then

campaignupdate.Parameters("@startingdate").Value = DateTime.Today

campaignupdate.Parameters("@finishingdate").Value = "31.12.9998"

End If

If TextBox23.Text = "" Then

MsgBox("Please Enter A Campaign Price Or Calculate",

MessageBoxIcon.Error)

Exit Sub

Elself Not IsNumeric(TextBox15.Text) Then

MsgBox("Invalid Campaignprice", MessageBoxIcon.Error)

Exit Sub

Else

campaignupdate.Parameters("@campaignprice").Value = TextBox23.Text End If

If ComboBox13.Text = "" Then

MsgBox("Please Select A Money Unit", MessageBoxIcon.Error)

Exit Sub

Else

campaignupdate.Parameters("@moneyunit").Value = ComboBox13.Text End If

```
If TextBox24.Text = "" Then
```

campaignupdate.Parameters("@notes").Value = "-"

Else

campaignupdate.Parameters("@notes").Value = TextBox24.Text End If

campaignupdate.Parameters("@barcode").Value = TextBox9.Text

Try

pc.ConnectionString = connstr

pc.Open()

campaignupdate.ExecuteNonQuery()

MsgBox("Campaign Updated Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

pc.ConnectionString = connstr

Prdctds1.products.Clear()

listallproducts.Fill(Prdctds1.products)

Dim slctdr As DataRow

Dim slcti As Integer = 0

cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)

For Each slctdr In Prdctds1.products.Rows

If slctdr.Item("barcode") = TextBox9.Text Then

DataGrid2.Select(slcti)

cm.Position = slcti

```
End If
```

```
slcti += 1
```

Next

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button16_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button16.Click

If connctrl = 1 Then

pc.ConnectionString = connstr

Dim i As Integer

i = MsgBox("Do You Want to Cancel Campaign Realy", MsgBoxStyle.YesNo, "CAMPAIGN")

If i = 6 Then

campaignupdate.Parameters("@startingdate").Value = "31.12.9998" campaignupdate.Parameters("@finishingdate").Value = "31.12.9998" campaignupdate.Parameters("@campaignprice").Value = 0 campaignupdate.Parameters("@moneyunit").Value = "-" campaignupdate.Parameters("@notes").Value = "-" campaignupdate.Parameters("@barcode").Value = TextBox9.Text

Try

pc.Open()

campaignupdate.ExecuteNonQuery()

MsgBox("Campaign Canceled Successfully", MsgBoxStyle.Information) Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

CheckBox1.Checked = False

Prdctds1.products.Clear()

listallproducts.Fill(Prdctds1.products)

Dim slctdr As DataRow

Dim slcti As Integer = 0

cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)

For Each slctdr In Prdctds1.products.Rows

If slctdr.Item("barcode") = TextBox9.Text Then

```
DataGrid2.Select(slcti)

cm.Position = slcti

End If

slcti += 1

Next

End If

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)
```

Me.Close()

End If

End Sub

```
Private Sub CheckBox3_CheckedChanged(ByVal sender As System.Object, ByVal e
```

```
As System.EventArgs) Handles CheckBox3.CheckedChanged
```

```
If CheckBox3.Checked = True Then
```

```
TextBox32.Enabled = True
```

TextBox32.Focus()

Else

```
TextBox32.Enabled = False
TextBox32.Text = ""
Dim total As Double = 0
Dim dr As DataRow
For Each dr In Bbillitems1.bbitems.Rows
total = total + dr.Item("price")
Next
Label48.Text = total
End If
End Sub
```

Private Sub LinkLabel12_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles LinkLabel12.LinkClicked

```
TabControl1.SelectedIndex = 0
```

End Sub

Private Sub Button13 Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button13.Click If connctrl = 1 Then Dim f5 As New Form5 f5.ShowDialog() If bsctrl = 0 Then Button25.Enabled = False Exit Sub End If Button25.Enabled = True TextBox16.Text = billnoDateTimePicker4.Text = bdate TextBox17.Text = firmidDim fc As New SqlClient.SqlConnection Dim fco As New SqlClient.SqlCommand Dim fname As String fc.ConnectionString = connstr fco.Connection = fcfco.CommandText = "select name from firmdat where (id=" & firmid & ")" fc.Open() fname = fco.ExecuteScalar fc.Close() TextBox18.Text = fnameTextBox19.Text = personid Dim prsnc As New SqlClient.SqlConnection Dim pco As New SqlClient.SqlCommand Dim pco1 As New SqlClient.SqlCommand Dim pname As String prsnc.ConnectionString = connstr pco.Connection = prsnc pco1.Connection = prsnc pco.CommandText = "select name from persondat where (id=" & personid & ")"
pco1.CommandText = "select surname from persondat where (id=" & personid & ")"

)

prsnc.Open() pname = pco.ExecuteScalar & " " & pco1.ExecuteScalar prsnc.Close() TextBox20.Text = pname pc.ConnectionString = connstr Dim bida As New SqlClient.SqlDataAdapter selectbillitems.Parameters("@billno").Value = billno bida.SelectCommand = selectbillitems Bbillitems1.bbitems.Clear() bida.Fill(Bbillitems1.bbitems) Label 45.Text = totaltaxcostLabel46.Text = moneyunit Label 48.Text = totalLabel47.Text = moneyunit If discount = 0 Then CheckBox3.Checked = FalseTextBox32.Text = discountElse CheckBox3.Checked = True TextBox32.Text = discountEnd If bsctrl = 0

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub DataGrid3_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid3.CurrentCellChanged cm = CType(Me.BindingContext(bbitemdw), CurrencyManager)

DataGrid3.Select(cm.Position) End Sub

```
Private Sub DataGrid2_CurrentCellChanged(ByVal sender As Object, ByVal e As
System. EventArgs) Handles DataGrid2. CurrentCellChanged
    cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)
    DataGrid2.Select(cm.Position)
```

End Sub

```
Private Sub Button19_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button19.Click
```

```
If connctrl = 1 Then
  Dim f6 As New Form6
  f6.ShowDialog()
  TextBox17.Text = fid
  TextBox18.Text = firmname
```

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

```
Me.Close()
  End If
End Sub
```

```
Private Sub TabPage4 MouseMove(ByVal sender As Object, ByVal e As
System.Windows.Forms.MouseEventArgs) Handles TabPage4.MouseMove
    If TextBox19.Text = "" Or TextBox20.Text = "" Then
      TextBox19.Text = pid
      TextBox20.Text = pname & " " & surname
    End If
  End Sub
```

Private Sub Button12_Click(ByVal sender As System.Object, ByVal e Assi System.EventArgs) Handles Button12.Click E LIBRARY F

If connctrl = 1 Then

Dim f7 As New Form7 f7.ShowDialog() TextBox21.Text = barcode TextBox22.Text = producttype TextBox25.Text = mark TextBox26.Text = packageamount TextBox27.Text = packageunit TextBox28.Text = packagetype

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close() End If End Sub

```
Private Sub TextBox30_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox30.TextChanged
If TextBox29.Text = "" Or TextBox30.Text = "" Or Not
IsNumeric(TextBox30.Text) Then
Exit Sub
End If
Dim price As Double
Dim vad As Double
Dim vad cost As Double
price = TextBox29.Text
vad = TextBox29.Text
vad = (vad / 100) + 1
vadcost = price - (price / vad)
TextBox33.Text = Math.Round(vadcost, 2)
```

End Sub

Private Sub TextBox29_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox29.TextChanged

If TextBox29.Text = "" Or TextBox30.Text = "" Or Not IsNumeric(TextBox30.Text) Then Exit Sub End If Dim price As Double Dim vad As Double Dim vadcost As Double price = TextBox29.Text vad = TextBox30.Text vad = (vad / 100) + 1 vadcost = price - (price / vad) TextBox33.Text = Math.Round(vadcost, 2) End Sub

Private Sub Button26_Click(ByVal sender As System.Object, ByVal e As

System.EventArgs) Handles Button26.Click

TextBox16.Text = "" DateTimePicker4.Text = "" TextBox17.Text = "" TextBox18.Text = "" TextBox19.Text = "" TextBox20.Text = "" TextBox21.Text = "" TextBox22.Text = "" TextBox25.Text = "" TextBox26.Text = "" TextBox27.Text = "" TextBox28.Text = "" TextBox29.Text = "" ComboBox7.Text = "" TextBox30.Text = "" TextBox31.Text = "" TextBox33.Text = "" CheckBox3.Checked = False TextBox32.Text = "" Label46.Text = "" Label47.Text = "" Label45.Text = 0 Label48.Text = 0 Bbillitems1.bbitems.Clear() Button25.Enabled = False End Sub

```
Private Sub Button21_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button21.Click
    If connctrl = 1 Then
      Dim dr As DataRow
      dr = Bbillitems1.bbitems.NewRow
      If TextBox16.Text = "" Then
         MsgBox("Please Enter A Bill No", MessageBoxIcon.Error)
         TextBox16.Focus()
         Exit Sub
       Else
         dr.Item("billno") = TextBox16.Text
       End If
       If TextBox21.Text = "" Then
         MsgBox("Please Enter A Barcode", MessageBoxIcon.Error)
         TextBox21.Focus()
         Exit Sub
       Else
         dr.Item("barcode") = TextBox21.Text
         dr.Item("producttype") = TextBox22.Text
         dr.Item("mark") = TextBox25.Text
         dr.Item("packageamount") = TextBox26.Text
         dr.Item("packageunit") = TextBox27.Text
         dr.Item("packagetype") = TextBox28.Text
       End If
       If TextBox31.Text = "" Then
```

```
MsgBox("Please Enter Amount", MessageBoxIcon.Error)
  TextBox31.Focus()
  Exit Sub
Else
  dr.Item("amount") = TextBox31.Text
End If
If TextBox30.Text = "" Then
  MsgBox("Please Enter VAD as Percent", MessageBoxIcon.Error)
  TextBox30.Focus()
  Exit Sub
Else
  dr.Item("tax") = TextBox30.Text
End If
If TextBox29.Text = "" Then
  MsgBox("Please Enter A Price", MessageBoxIcon.Error)
  TextBox29.Focus()
  Exit Sub
Else
  dr.Item("price") = TextBox29.Text
End If
If ComboBox7.Text = "" Then
  MsgBox("Please Select A Moneyunit", MessageBoxIcon.Error)
  ComboBox7.Focus()
  Exit Sub
Else
  dr.Item("moneyunit") = ComboBox7.Text
End If
dr.Item("taxcost") = TextBox33.Text
Bbillitems1.bbitems.Rows.Add(dr)
cm = CType(Me.BindingContext(bbitemdw), CurrencyManager)
cm.Position = cm.Count - 1
Dim ttaxcost As Double
Dim total As Double
ttaxcost = Label 45.Text
```

total = Label48.Text

Label45.Text = Math.Round(ttaxcost + TextBox33.Text, 2) Label48.Text = Math.Round(total + TextBox29.Text, 2) Label46.Text = ComboBox7.Text Label47.Text = ComboBox7.Text TextBox20.Text = "" TextBox21.Text = "" TextBox22.Text = "" TextBox25.Text = "" TextBox26.Text = ""

TextBox28.Text = ""

TextBox29.Text = ""

TextBox30.Text = ""

TextBox31.Text = ""

TextBox33.Text = ""

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button22_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button22.Click

If connctrl = 1 Then

If cm.Position ≥ 0 Then

If CheckBox3.Checked = True And TextBox32.Text <> "" Then MsgBox("You Must Cancel Discouunt Before Item Remove", MessageBoxIcon.Error)

Exit Sub

End If

cm = CType(Me.BindingContext(bbitemdw), CurrencyManager)
Dim ttaxcost As Double

Dim total As Double

ttaxcost = Label45.Text

total = Label48.Text

Label45.Text = Math.Round(ttaxcost - DataGrid3.Item(cm.Position, 11), 2)

```
Label48.Text = Math.Round(total - DataGrid3.Item(cm.Position, 9), 2)
```

Bbillitems1.bbitems.Rows.RemoveAt(cm.Position)

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub TextBox32_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox32.TextChanged
```

If TextBox32.Text = "" Or Not IsNumeric(TextBox32.Text) Or

CheckBox3.Checked = False Then

Dim ototal As Double = 0

Dim odr As DataRow

For Each odr In Bbillitems1.bbitems.Rows

```
ototal = ototal + odr.Item("price")
```

Next

Label48.Text = ototal

Exit Sub

End If

Dim total As Double = 0

Dim taxcost As Double = 0

Dim discountamount As Double

Dim dr As DataRow

For Each dr In Bbillitems1.bbitems.Rows

```
total = total + dr.Item("price")
```

```
taxcost = taxcost + dr.Item("taxcost")
```

Next

```
discountamount = ((Math.Round(total - taxcost, 2)) * (TextBox32.Text / 100))
Label48.Text = (Math.Round(Math.Round(total - taxcost, 2) - discountamount, 2))
+ taxcost
```

End Sub

```
Private Sub Button23 Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button23.Click
    If connctrl = 1 Then
       If TextBox16.Text = "" Then
         MsgBox("Please Enter A Bill No", MessageBoxIcon.Error)
         TextBox16.Focus()
         Exit Sub
       Else
         bbilladd.Parameters("@billno").Value = TextBox16.Text
       End If
       bbilladd.Parameters("@bdate").Value = DateTimePicker4.Text
       If TextBox17.Text = "" Then
         MsgBox("Please Enter A Firm", MessageBoxIcon.Error)
         TextBox17.Focus()
         Exit Sub
       Else
         bbilladd.Parameters("@firmid").Value = TextBox17.Text
       End If
```

bbilladd.Parameters("@personid").Value = TextBox19.Text bbilladd.Parameters("@totaltaxcost").Value = Label45.Text bbilladd.Parameters("@total").Value = Label48.Text bbilladd.Parameters("@moneyunit").Value = Label47.Text If TextBox32.Text = "" Then bbilladd.Parameters("@discount").Value = 0 Else

bbilladd.Parameters("@discount").Value = TextBox32.Text End If

'firm account save

faccountsave.Parameters("@date").Value = DateTimePicker4.Value

faccoun	tsave.Parameters("@firmid").Value = 0	
faccoun	faccountsave.Parameters("@billno").Value = TextBox16.Text	
faccountsave.Parameters("@recipientfirmid").Value = TextBox17.Text		
faccountsave.Parameters("@recipientfirm").Value = TextBox18.Text		
faccoun	faccountsave.Parameters("@dept").Value = Label48.Text	
faccoun	tsave.Parameters("@payment").Value = 0	
faccoun	ntsave.Parameters("@moneyunit").Value = Label47.Text	
Try		
pc.Co	onnectionString = connstr	
pc.Oj	pen()	
bbilla	add.ExecuteNonQuery() 'buyying bill add	
faccountsave.ExecuteNonQuery() 'firm account save		
Dim	incdr As DataRow	
cm =	CType(Me.BindingContext(bbitemdw), CurrencyManager)	
cm.P	Position = 0	
For H	Each incdr In Bbillitems1.bbitems.Rows	
'bi	llitems add	
bb	itemsadd.Parameters("@billno").Value = DataGrid3.Item(cm.Position,	
0)		
bb	itemsadd.Parameters("@barcode").Value = DataGrid3.Item(cm.Position,	
1)		
bb	itemsadd.Parameters("@amount").Value = DataGrid3.Item(cm.Position,	
7)		
bb	itemsadd.Parameters("@tax").Value = DataGrid3.Item(cm.Position, 8)	
bb	vitemsadd.Parameters("@price").Value = DataGrid3.Item(cm.Position, 9)	
bb	itemsadd.Parameters("@moneyunit").Value =	
DataGrid3.Iten	n(cm.Position, 10)	
bb	vitemsadd.Parameters("@taxcost").Value = DataGrid3.Item(cm.Position,	
11)		
bb	vitemsadd.ExecuteNonQuery()	
'in	creace stock	
Di	im sco As New SqlClient.SqlCommand	
Di	im stock As Double	
SC	o.Connection = pc	

sco.CommandText = "select stock from products where (barcode=" & _ DataGrid3.Item(cm.Position, 1) & ")" stock = sco.ExecuteScalar() stock = stock + DataGrid3.Item(cm.Position, 7) Dim co As New SqlClient.SqlCommand co.Connection = pcco.CommandText = "update products set stock=" & stock & _ "where (barcode=" & DataGrid3.Item(cm.Position, 1) & ")" co.ExecuteNonQuery() 'calculate selling price Dim i As Integer 'find real stok (stock - DataGrid3.Item(cm.Position, 7)) 'find stock amount before not increace If stock - DataGrid3.Item(cm.Position, 7) > 0 Then $i = MsgBox("There Are " \& stock - DataGrid3.Item(cm.Position, 7) \& _$ "-" & DataGrid3.Item(cm.Position, 1) & " -" & DataGrid3.Item(cm.Position, 3) & _ " -" & DataGrid3.Item(cm.Position, 4) & "-" & DataGrid3.Item(cm.Position, 5) & "-" & DataGrid3.Item(cm.Position, 6) & "in Stock" & _ "In Do You Want To Change Selling Price With New Calculated Selling Price", MsgBoxStyle.YesNo, "Change Selling Price") Else

Eise

i = 6

End If

If i = 6 Then

'calculate selling price according to setting formula

Dim sp As Double = 0

Dim wt As Double = 0

Dim utc As Double = 0

Dim total As Double = 0

Dim taxcost As Double = 0

total = incdr.Item("price")

taxcost = incdr.Item("taxcost")

```
wt = Math.Round((total - taxcost) / incdr.Item("amount"), 2)
'read formula from data base
Dim spcco As New SqlClient.SqlCommand
Dim spcda As New SqlClient.SqlDataAdapter
Dim spcds As New DataSet
spcco.Connection = pc
spcco.CommandText = "select * from sellingpricecalc"
spcda.SelectCommand = spcco
spcds.Clear()
spcda.Fill(spcds, "sp")
Dim spcdr As DataRow
Dim pq As Integer = 0
'apply the formula
For Each spcdr In spcds.Tables("sp").Rows
  If spcdr.Item("p1") = "%" Then
     sp = Math.Round(wt * spcdr.Item("p1a"), 2)
     pq = 1
  End If
  If spcdr.Item("p1") = "+" Then
     sp = Math.Round(wt + spcdr.Item("p1a"), 2)
     pq = 1
  End If
  If pq = 1 And spcdr.Item("p2") = "+" Then
     sp = Math.Round(sp + spcdr.Item("p2a"), 2)
  End If
  If pq = 1 And spcdr.Item("p2") = "%" Then
     sp = Math.Round(sp * spcdr.Item("p2a"), 2)
  End If
  If pq = 0 And spcdr.Item("p2") = "+" Then
     sp = Math.Round(wt + spcdr.Item("p2a"), 2)
  End If
  If pq = 0 And spcdr.Item("p2") = "%" Then
     sp = Math.Round(wt * spcdr.Item("p2a"), 2)
  End If
```

Next

utc = Math.Round(taxcost / incdr.Item("amount"), 2)
sp = Math.Round(sp + utc, 2)
'converter (convert x,x to x.x) to sql server
Dim cntr As Integer = 0
Dim nsp As String = ""
Dim nutc As String = ""
While (cntr < sp.ToString.Length)
If sp.ToString.Chars(cntr) = "," Then
 nsp = nsp + "."
Else
 nsp += sp.ToString.Chars(cntr)
End If
 cntr += 1
End While</pre>

cntr = 0

While (cntr < utc.ToString.Length)
If utc.ToString.Chars(cntr) = "," Then
 nutc = nutc + "."
Else
 nutc += utc.ToString.Chars(cntr)
End If</pre>

```
cntr += 1
```

End While

'converter end (price convert x,x to x.x for accept command by sql

query)

Dim spuco As New SqlClient.SqlCommand

spuco.Connection = pc

spuco.CommandText = "update products set sellingprice=" & nsp & _

", taxcost=" & nutc & _

", tax=" & DataGrid3.Item(cm.Position, 8) & _____

"where(barcode=" & DataGrid3.Item(cm.Position, 1) & ")"

spuco.ExecuteNonQuery()

End If

cm.Position += 1

Next

MsgBox("Save Bill Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

If ex.Number = 2627 Then

MsgBox("Already Exist Bill With This Bill No", MessageBoxIcon.Error) Else

MsgBox(ex.Message & " (" & ex.Number & ")")

End If

Finally

pc.Close()

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub ComboBox7_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ComboBox7.SelectedIndexChanged
```

```
Label46.Text = ComboBox7.Text
```

Label47.Text = ComboBox7.Text

End Sub

```
Private Sub Button24_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button24.Click
pc.ConnectionString = connstr
If connctrl = 1 Then
If TextBox16.Text = "" Then
MsgBox("Please Select A Bill No", MessageBoxIcon.Error)
TextBox16.Focus()
Exit Sub
```

End If Dim ic As Integer ic = MsgBox("Do You Want to Update Buyying Bill Realy", MsgBoxStyle.YesNo, "UPDATE") If ic \sim 6 Then Exit Sub

End If

Dim cdr As DataRow

cm = CType(Me.BindingContext(bbitemdw), CurrencyManager)

cm.Position = 0

For Each cdr In Bbillitems1.bbitems.Rows

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

DataGrid3.Item(cm.Position, 1) & ")"

pc.Open()

stock = sco.ExecuteScalar()

pc.Close()

Dim biac As New SqlClient.SqlCommand Dim bia As Double

biac.Connection = pc

biac.CommandText = "select amount from bbitems where (billno=" & _

DataGrid3.Item(cm.Position, 0) & "and barcode=" &

DataGrid3.Item(cm.Position, 1) & _

")"

pc.Open()
bia = biac.ExecuteScalar()

pc.Close()

If stock - bia < 0 Then

MsgBox("You Have Not Enaugh Stok For Update", MessageBoxIcon.Error) Exit Sub End If cm.Position += 1Next cm.Position = 0Dim dr As DataRow For Each dr In Bbillitems1.bbitems.Rows 'Product Stock Update 'find now product's stok Dim sco As New SqlClient.SqlCommand Dim stock As Double sco.Connection = pc sco.CommandText = "select stock from products where (barcode=" & _ DataGrid3.Item(cm.Position, 1) & ")" pc.Open() stock = sco.ExecuteScalar() pc.Close() 'find old added stok Dim biac As New SqlClient.SqlCommand Dim bia As Double biac.Connection = pcbiac.CommandText = "select amount from bbitems where (billno=" & _ DataGrid3.Item(cm.Position, 0) & "and barcode=" & DataGrid3.Item(cm.Position, 1) & _ ")" pc.Open() bia = biac.ExecuteScalar() pc.Close() 'update Product' s Stok Dim ups As New SqlClient.SqlCommand ups.Connection = pc

ups.CommandText = "update products set stock=" & stock - bia & _ "where (barcode=" & DataGrid3.Item(cm.Position, 1) & ")" pc.Open() ups.ExecuteNonQuery() pc.Close() 'increase product stock Dim rsco As New SqlClient.SqlCommand Dim rstock As Double rsco.Connection = pcrsco.CommandText = "select stock from products where (barcode=" & _ DataGrid3.Item(cm.Position, 1) & ")" pc.Open() rstock = rsco.ExecuteScalar() pc.Close() Dim ips As New SqlClient.SqlCommand ips.Connection = pc ips.CommandText = "update products set stock=" & rstock + DataGrid3.Item(cm.Position, 7) & _ "where (barcode=" & DataGrid3.Item(cm.Position, 1) & ")" pc.Open() ips.ExecuteNonQuery() pc.Close() 'finish product's Stock update 'update buying bill items Dim bbida As New SqlClient.SqlDataAdapter 'bbida = buying bill item data adapter Dim bbico As New SqlClient.SqlCommand Dim bbids As New DataSet bbico.Connection = pc bbico.CommandText = "select * from bbitems where billno=" &

TextBox16.Text

bbida.SelectCommand = bbico

bbids.Clear()

bbida.Fill(bbids, "cbbi")

Dim bbidr As DataRow

For Each bbidr In bbids.Tables("cbbi").Rows

If bbidr.Item("barcode") = DataGrid3.Item(cm.Position, 1) Then 'buying bill items update

bbitemsupdate.Parameters("@billno").Value =

DataGrid3.Item(cm.Position, 0)

bbitemsupdate.Parameters("@barcode").Value =

DataGrid3.Item(cm.Position, 1)

bbitemsupdate.Parameters("@amount").Value =

DataGrid3.Item(cm.Position, 7)

bbitemsupdate.Parameters("@tax").Value =

DataGrid3.Item(cm.Position, 8)

bbitemsupdate.Parameters("@price").Value =

DataGrid3.Item(cm.Position, 9)

```
bbitemsupdate.Parameters("@moneyunit").Value =
```

DataGrid3.Item(cm.Position, 10)

bbitemsupdate.Parameters("@taxcost").Value =

DataGrid3.Item(cm.Position, 11)

Try

```
pc.Open()
```

bbitemsupdate.ExecuteNonQuery()

Exit For

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

Else

'buying bill items add

bbitemsadd.Parameters("@billno").Value = DataGrid3.Item(cm.Position,

```
bbitemsadd.Parameters("@barcode").Value =
```

DataGrid3.Item(cm.Position, 1)

bbitemsadd.Parameters("@amount").Value =

DataGrid3.Item(cm.Position, 7)

bbitemsadd.Parameters("@tax").Value = DataGrid3.Item(cm.Position, 8) bbitemsadd.Parameters("@price").Value = DataGrid3.Item(cm.Position,

9)

```
bbitemsadd.Parameters("@moneyunit").Value =
```

DataGrid3.Item(cm.Position, 10)

```
bbitemsadd.Parameters("@taxcost").Value =
```

DataGrid3.Item(cm.Position, 11)

Try

pc.Open() bbitemsadd.ExecuteNonQuery() Exit For Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try End If

'calculate selling price

Dim i As Integer

Next

If stock - bia > 0 Then

i = MsgBox("There Are " & stock & _

```
" -" & DataGrid3.Item(cm.Position, 1) &
```

```
"-" & DataGrid3.Item(cm.Position, 3) &
```

"-" & DataGrid3.Item(cm.Position, 4) &

" -" & DataGrid3.Item(cm.Position, 5) & _

" -" & DataGrid3.Item(cm.Position, 6) & "in Stock" &

"\n Do You Want To Change Selling Price With New Calculated Selling Price", MsgBoxStyle.YesNo, "Change Selling Price")

Else

i = 6

End If

If i = 6 Then

'calculate selling price according to setting formula

Dim sp As Double = 0

Dim wt As Double = 0

Dim utc As Double = 0

Dim total As Double = 0

Dim taxcost As Double = 0

total = dr.Item("price")

taxcost = dr.Item("taxcost")

wt = Math.Round((total - taxcost) / dr.Item("amount"), 2)

'read formula from data base

Dim spcco As New SqlClient.SqlCommand

Dim spcda As New SqlClient.SqlDataAdapter

Dim spcds As New DataSet

spcco.Connection = pc

spcco.CommandText = "select * from sellingpricecalc"

spcda.SelectCommand = spcco

spcds.Clear()

spcda.Fill(spcds, "sp")

Dim spcdr As DataRow

Dim pq As Integer = 0

'apply the formula

For Each spcdr In spcds.Tables("sp").Rows

If spcdr.Item("p1") = "%" Then

sp = Math.Round(wt * spcdr.Item("p1a"), 2)

pq = 1

End If

If spcdr.Item("p1") = "+" Then

sp = Math.Round(wt + spcdr.Item("p1a"), 2)

```
pq = 1
 End If
 If pq = 1 And spcdr.Item("p2") = "+" Then
    sp = Math.Round(sp + spcdr.Item("p2a"), 2)
 End If
 If pq = 1 And spcdr.Item("p2") = "%" Then
    sp = Math.Round(sp * spcdr.Item("p2a"), 2)
  End If
  If pq = 0 And spcdr.Item("p2") = "+" Then
    sp = Math.Round(wt + spcdr.Item("p2a"), 2)
  End If
  If pq = 0 And spcdr.Item("p2") = "%" Then
    sp = Math.Round(wt * spcdr.Item("p2a"), 2)
  End If
Next
utc = Math.Round(taxcost / dr.Item("amount"), 2)
sp = Math.Round(sp + utc, 2)
'converter (convert x,x to x.x) to sql server
Dim cntr As Integer = 0
Dim nsp As String = ""
Dim nutc As String = ""
While (cntr < sp.ToString.Length)
   If sp.ToString.Chars(cntr) = "," Then
     nsp = nsp + "."
   Else
```

```
nsp += sp.ToString.Chars(cntr)
End If
cntr += 1
End While
MsgBox(nsp)
cntr = 0
While (cntr < utc.ToString.Length)
If utc.ToString.Chars(cntr) = "," Then
nutc = nutc + "."</pre>
```

```
Else
```

nutc += utc.ToString.Chars(cntr)

End If

cntr += 1

End While

'converter end (price convert x,x to x.x for accept command by sql query)

Dim spuco As New SqlClient.SqlCommand

spuco.Connection = pc

spuco.CommandText = "update products set sellingprice=" & nsp & _

", taxcost=" & nutc & _

", tax=" & DataGrid3.Item(cm.Position, 8) & _

"where(barcode=" & DataGrid3.Item(cm.Position, 1) & ")"

pc.Open()

```
spuco.ExecuteNonQuery()
```

pc.Close()

End If

```
cm.Position = cm.Position + 1
```

Next

'if product have not in new list delete and product stock update

Dim cbbida As New SqlClient.SqlDataAdapter 'cbbida = control buying bill item data adapter

Dim cbbico As New SqlClient.SqlCommand

Dim cbbids As New DataSet

cbbico.Connection = pc

cbbico.CommandText = "select * from bbitems where billno=" &

TextBox16.Text

cbbida.SelectCommand = cbbico

cbbids.Clear()

cbbida.Fill(cbbids, "cbbi")

Dim cbbidr As DataRow

cm.Position = 0

For Each cbbidr In cbbids.Tables("cbbi").Rows

If cbbidr.Item("barcode") \Leftrightarrow DataGrid3.Item(cm.Position, 1) Then

```
Dim rsco As New SqlClient.SqlCommand
          Dim rstock As Double
          rsco.Connection = pc
          cbbidr.Item("barcode") & ")"
          pc.Open()
          rstock = rsco.ExecuteScalar()
          pc.Close()
          Dim ups As New SqlClient.SqlCommand
          ups.Connection = pc
          ups.CommandText = "update products set stock=" & rstock -
cbbidr.Item("amount") & _
          "where (barcode=" & cbbidr.Item("barcode") & ")"
          pc.Open()
          ups.ExecuteNonQuery()
          pc.Close()
          Dim dico As New SqlClient.SqlCommand
          dico.Connection = pc
          dico.CommandText = "delete from bbitems where(billno=" &
TextBox16.Text &
          "and barcode=" & cbbidr.Item("barcode") & ")"
          pc.Open()
          dico.ExecuteNonQuery()
          pc.Close()
        End If
        cm.Position += 1
      Next
```

buyingbillupdate.Parameters("@billno").Value = TextBox16.Text buyingbillupdate.Parameters("@bdate").Value = DateTimePicker4.Text If TextBox17.Text = "" Then MsgBox("Please Select A Firm", MessageBoxIcon.Error) TextBox17.Focus() Exit Sub

Else

buyingbillupdate.Parameters("@firmid").Value = TextBox17.Text End If

buyingbillupdate.Parameters("@personid").Value = TextBox19.Text buyingbillupdate.Parameters("@totaltaxcost").Value = Label45.Text buyingbillupdate.Parameters("@total").Value = Label48.Text buyingbillupdate.Parameters("@moneyunit").Value = Label47.Text If TextBox32.Text = "" Then

buyingbillupdate.Parameters("@discount").Value = 0

Else

buyingbillupdate.Parameters("@discount").Value = TextBox32.Text End If

'firm account update

faccountupdate.Parameters("@date").Value = DateTimePicker4.Value faccountupdate.Parameters("@firmid").Value = 0

faccountupdate.Parameters("@billno").Value = TextBox16.Text

faccountupdate.Parameters("@recipientfirmid").Value = TextBox17.Text

faccountupdate.Parameters("@recipientfirm").Value = TextBox18.Text

faccountupdate.Parameters("@dept").Value = Label48.Text

faccountupdate.Parameters("@payment").Value = 0

faccountupdate.Parameters("@moneyunit").Value = Label47.Text

Try

pc.ConnectionString = connstr

pc.Open()

buyingbillupdate.ExecuteNonQuery() 'buyying bill update

faccountupdate.ExecuteNonQuery() 'firm account update

MsgBox("Update Bill Successfully", MsgBoxStyle.Information) Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close() End Try Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button25_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button25.Click

If connctrl = 1 Then

Dim faco As New SqlClient.SqlCommand

Dim dco As New SqlClient.SqlCommand

Dim dico As New SqlClient.SqlCommand

pc.ConnectionString = connstr

faco.Connection = pc

dco.Connection = pc

dico.Connection = pc

faco.CommandText = "delete from firmaccount where(billno=" &

TextBox16.Text & ")"

```
dco.CommandText = "delete from buyingbill where(billno= " &
```

TextBox16.Text & ")"

dico.CommandText = "delete from bbitems where(billno=" & TextBox16.Text
& ")"

Try

Dim i As Integer

i = MsgBox("Do You Want to Delete Buyying Bill Realy. This Process Maybe Effect Another Process", MsgBoxStyle.YesNo + MessageBoxIcon.Question, "DELETE")

```
If i = 6 Then

pc.Open()

Dim cdr As DataRow

Dim dr As DataRow

cm = CType(Me.BindingContext(bbitemdw), CurrencyManager)

cm.Position = 0
```

For Each cdr In Bbillitems1.bbitems.Rows

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

DataGrid3.Item(cm.Position, 1) & ")"

stock = sco.ExecuteScalar()

If stock < DataGrid3.Item(cm.Position, 7) Then

MsgBox("Canceled Delete Process You Have Not Enough Stock",

MsgBoxStyle.Critical, "cancel")

Exit Sub

End If

Next

'decrease stock

cm.Position = 0

For Each dr In Bbillitems1.bbitems.Rows

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

DataGrid3.Item(cm.Position, 1) & ")"

stock = sco.ExecuteScalar()

stock = stock - DataGrid3.Item(cm.Position, 7)

Dim co As New SqlClient.SqlCommand

co.Connection = pc

co.CommandText = "update products set stock=" & stock & _

"where (barcode=" & DataGrid3.Item(cm.Position, 1) & ")"

co.ExecuteNonQuery()

cm.Position += 1

Next

'decrease stok end

faco.ExecuteNonQuery()

dco.ExecuteNonQuery()

dico.ExecuteNonQuery()

MsgBox("Buying Bill Deleted Successfully", MsgBoxStyle.Information) TextBox16.Text = "" DateTimePicker4.Text = "" TextBox17.Text = "" TextBox18.Text = "" TextBox19.Text = "" TextBox20.Text = "" Label45.Text = "" Label46.Text = "" Label47.Text = "" Label48.Text = "" CheckBox3.Checked = False TextBox32.Text = "" Bbillitems1.bbitems.Clear() Button 25. Enabled = FalseEnd If Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Finally pc.Close() End Try Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub LinkLabel13_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel13.LinkClicked
```

TabControl1.SelectedIndex = 0 End Sub Private Sub Button20_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button20.Click

If connectrl = 1 Then

cm = CType(Me.BindingContext(fisdw), CurrencyManager)

If TextBox10.Text = "" Or Not IsNumeric(TextBox10.Text) Then

MsgBox("Invalid Firm ID", MessageBoxIcon.Error)

Exit Sub

End If

Dim fisco As New SqlClient.SqlCommand

Dim fisda As New SqlClient.SqlDataAdapter

Dim fisds As New DataSet

pc.ConnectionString = connstr

fisco.Connection = pc

fisco.CommandText = "select * from firmdat where (id=" & TextBox10.Text &

")"

fisda.SelectCommand = fisco

```
fisda.Fill(fisds, "fis")
```

fisdw.Table = fisds.Tables("fis")

If cm.Position < 0 Then

MsgBox("Firm Not Found (Invalid Firm No)", MessageBoxIcon.Error)

TextBox10.Focus()

End If

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub TextBox10_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox10.TextChanged

Me.AcceptButton = Button20

End Sub

Private Sub TextBox34_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox34.TextChanged

Me.AcceptButton = Button28

End Sub

```
Private Sub Button28_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button28.Click
```

If connctrl = 1 Then

cm = CType(Me.BindingContext(fisdw), CurrencyManager)

If TextBox34.Text = "" Then

MsgBox("Firm Name Not Equal To Blank", MessageBoxIcon.Error) Exit Sub

End If

Dim fnsco As New SqlClient.SqlCommand

Dim fnsda As New SqlClient.SqlDataAdapter

Dim fnsds As New DataSet

pc.ConnectionString = connstr

fnsco.Connection = pc

fnsco.CommandText = "select * from firmdat where (name like " &

TextBox34.Text & "%')"

fnsda.SelectCommand = fnsco

fnsda.Fill(fnsds, "fns")

fisdw.Table = fnsds.Tables("fns")

If cm.Position < 0 Then

MsgBox("Firm(s) Not Found At This Name", MessageBoxIcon.Error) TextBox34.Focus()

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub LinkLabel14_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles LinkLabel14.LinkClicked

Dim i As Integer i = MsgBox("Are Sure Exit Your Account", MsgBoxStyle.YesNo, "Sign Out") If i = 6 Then Me.Close() End If End Sub

```
Private Sub Button29_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button29.Click
```

If connctrl = 1 Then

If TextBox34.Text = "" Then

MsgBox("Enter A Firm Name", MessageBoxIcon.Error)

TextBox34.Focus()

Exit Sub

Else

firmsadd.Parameters("@name").Value = TextBox34.Text

End If

If TextBox35.Text = "" Then

MsgBox("Enter An Address", MessageBoxIcon.Error)

TextBox35.Focus()

Exit Sub

Else

firmsadd.Parameters("@address").Value = TextBox35.Text End If

Linu n

If TextBox37.Text = "" Then

firmsadd.Parameters("@phone1").Value = "-"

Else

firmsadd.Parameters("@phone1").Value = TextBox37.Text

End If

If TextBox38.Text = "" Then

firmsadd.Parameters("@phone2").Value = "-"

Else

```
firmsadd.Parameters("@phone2").Value = TextBox38.Text
 End If
If TextBox39.Text = "" Then
   firmsadd.Parameters("@fax1").Value = "-"
Else
   firmsadd.Parameters("@fax1").Value = TextBox39.Text
End If
If TextBox40.Text = "" Then
   firmsadd.Parameters("@fax2").Value = "-"
Else
   firmsadd.Parameters("@fax2").Value = TextBox40.Text
End If
If TextBox36.Text = "" Then
  firmsadd.Parameters("@email").Value = "-"
Else
  firmsadd.Parameters("@email").Value = TextBox36.Text
End If
If TextBox41.Text = "" Then
  firmsadd.Parameters("@webpage").Value = "-"
Else
  firmsadd.Parameters("@webpage").Value = TextBox41.Text
End If
Try
  pc.ConnectionString = connstr
  pc.Open()
  firmsadd.ExecuteNonQuery()
  MsgBox("Firm Save Successfully", MsgBoxStyle.Information)
Catch ex As SqlClient.SqlException
  MsgBox(ex.Message & " (" & ex.Number & ")")
  Exit Sub
Finally
  pc.Close()
```

```
End Try
```

Dim lafco As New SqlClient.SqlCommand Dim lafda As New SqlClient.SqlDataAdapter Dim lafds As New DataSet lafds.Clear() pc.ConnectionString = connstr lafco.Connection = pc lafco.CommandText = "select * from firmdat" lafda.SelectCommand = lafco lafda.Fill(lafds, "laf") fisdw.Table = lafds.Tables("laf")

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub DataGrid5 DoubleClick(ByVal sender As Object, ByVal e As System. EventArgs) Handles DataGrid5. DoubleClick cm = CType(Me.BindingContext(fisdw), CurrencyManager) TextBox10.Text = DataGrid5.Item(cm.Position, 0) TextBox34.Text = DataGrid5.Item(cm.Position, 1) TextBox35.Text = DataGrid5.Item(cm.Position, 2) TextBox37.Text = DataGrid5.Item(cm.Position, 3) TextBox38.Text = DataGrid5.Item(cm.Position, 4) TextBox39.Text = DataGrid5.Item(cm.Position, 5) TextBox40.Text = DataGrid5.Item(cm.Position, 6) TextBox36.Text = DataGrid5.Item(cm.Position, 7) TextBox41.Text = DataGrid5.Item(cm.Position, 8) TextBox10.Enabled = False Button30.Enabled = True Button31.Enabled = TrueButton 29. Enabled = False End Sub

Private Sub Button33_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button33.Click

ProgressBar2.Visible = True ProgressBar2.Value = 10Dim lafco As New SqlClient.SqlCommand ProgressBar2.Value += 10 Dim lafda As New SqlClient.SqlDataAdapter ProgressBar2.Value += 10Dim lafds As New DataSet lafds.Clear() ProgressBar2.Value += 15pc.ConnectionString = connstr ProgressBar2.Value += 10lafco.Connection = pclafco.CommandText = "select * from firmdat" ProgressBar2.Value += 15 lafda.SelectCommand = lafco ProgressBar2.Value += 10 lafda.Fill(lafds, "laf") ProgressBar2.Value += 10 fisdw.Table = lafds.Tables("laf") ProgressBar2.Value += 10ProgressBar2.Visible = False End Sub

Private Sub Button32_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button32.Click

TextBox10.Text = "" TextBox34.Text = "" TextBox35.Text = "" TextBox36.Text = "" TextBox37.Text = "" TextBox38.Text = "" TextBox39.Text = "" TextBox40.Text = "" TextBox41.Text = "" fisdw.Table.Reset() TextBox10.Enabled = True Button29.Enabled = True Button30.Enabled = False Button31.Enabled = False End Sub

Private Sub Button30_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button30.Click

Dim i As Integer

i = MsgBox("Do You Want to Delete This Firm Realy", MsgBoxStyle.YesNo) If i \diamond 6 Then

Exit Sub

End If

Dim dfco As New SqlClient.SqlCommand

dfco.Connection = pc

pc.ConnectionString = connstr

dfco.CommandText = "delete from firmdat where ([id]=" & TextBox10.Text & ")"

Try

pc.Open()

dfco.ExecuteNonQuery()

MsgBox("Firm Deleted Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

Dim lafco As New SqlClient.SqlCommand

Dim lafda As New SqlClient.SqlDataAdapter

Dim lafds As New DataSet

lafds.Clear() pc.ConnectionString = connstr lafco.Connection = pclafco.CommandText = "select * from firmdat" lafda.SelectCommand = lafco lafda.Fill(lafds, "laf") fisdw.Table = lafds.Tables("laf") TextBox10.Text = "" TextBox34.Text = "" TextBox35.Text = "" TextBox36.Text = "" TextBox37.Text = "" TextBox38.Text = "" TextBox39.Text = "" TextBox40.Text = "" TextBox41.Text = "" TextBox10.Enabled = TrueButton29.Enabled = True Button 30. Enabled = False Button 31.Enabled = FalseEnd Sub

Private Sub Button31_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button31.Click

If connectrl = 1 Then

Dim i As Integer

i = MsgBox("Do You Want to Update This Firm Realy", MsgBoxStyle.YesNo)

If $i \diamond 6$ Then

Exit Sub

End If

If TextBox34.Text = "" Then

MsgBox("Enter A Firm Name", MessageBoxIcon.Error)

TextBox34.Focus()

Exit Sub

Else

firmupdate.Parameters("@name").Value = TextBox34.Text End If

If TextBox35.Text = "" Then

MsgBox("Enter An Address", MessageBoxIcon.Error)

TextBox35.Focus()

Exit Sub

Else

firmupdate.Parameters("@address").Value = TextBox35.Text

End If

If TextBox37.Text = "" Then

firmupdate.Parameters("@phone1").Value = "-"

Else

firmupdate.Parameters("@phone1").Value = TextBox37.Text

End If

If TextBox38.Text = "" Then

firmupdate.Parameters("@phone2").Value = "-"

Else

firmupdate.Parameters("@phone2").Value = TextBox38.Text

End If

If TextBox39.Text = "" Then

firmupdate.Parameters("@fax1").Value = "-"

Else

firmupdate.Parameters("@fax1").Value = TextBox39.Text

End If

```
If TextBox40.Text = "" Then
```

firmupdate.Parameters("@fax2").Value = "-"

Else

firmupdate.Parameters("@fax2").Value = TextBox40.Text End If

If TextBox36.Text = "" Then

firmupdate.Parameters("@email").Value = "-"

Else

firmupdate.Parameters("@email").Value = TextBox36.Text
End If

If TextBox41.Text = "" Then

firmupdate.Parameters("@webpage").Value = "-"

Else

firmupdate.Parameters("@webpage").Value = TextBox41.Text End If

firmupdate.Parameters("@id").Value = TextBox10.Text

Try

pc.ConnectionString = connstr

pc.Open()

firmupdate.ExecuteNonQuery()

MsgBox("Firm Updated Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

Dim lafco As New SqlClient.SqlCommand

Dim lafda As New SqlClient.SqlDataAdapter

Dim lafds As New DataSet

lafds.Clear()

pc.ConnectionString = connstr

lafco.Connection = pc

lafco.CommandText = "select * from firmdat"

lafda.SelectCommand = lafco

lafda.Fill(lafds, "laf")

fisdw.Table = lafds.Tables("laf")

TextBox10.Text = ""

TextBox34.Text = ""

TextBox35.Text = ""

TextBox36.Text = ""

TextBox37.Text = ""

TextBox38.Text = ""

TextBox39.Text = "" TextBox40.Text = "" TextBox41.Text = "" TextBox10.Enabled = True Button29.Enabled = True Button30.Enabled = False Button31.Enabled = False Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub MenuItem1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem1.Click

cm = CType(Me.BindingContext(fisdw), CurrencyManager) TextBox10.Text = DataGrid5.Item(cm.Position, 0) TextBox34.Text = DataGrid5.Item(cm.Position, 1) TextBox35.Text = DataGrid5.Item(cm.Position, 2) TextBox37.Text = DataGrid5.Item(cm.Position, 3) TextBox38.Text = DataGrid5.Item(cm.Position, 4) TextBox39.Text = DataGrid5.Item(cm.Position, 5) TextBox40.Text = DataGrid5.Item(cm.Position, 6) TextBox36.Text = DataGrid5.Item(cm.Position, 7) TextBox41.Text = DataGrid5.Item(cm.Position, 8) TextBox10.Enabled = False Button30.Enabled = True Button31.Enabled = True

End Sub

Private Sub DataGrid5_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid5.CurrentCellChanged

```
cm = CType(Me.BindingContext(fisdw), CurrencyManager)
DataGrid5.Select(cm.Position)
End Sub
```

```
Private Sub Button35_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button35.Click
```

Dim f7 As New Form7 f7.ShowDialog()

If spctrl = 0 Then

Exit Sub

End If

```
Label59.Text = mark & " " & producttype & " " & packageamount & " " &
```

packageunit & " " & packagetype

TextBox43.Text = barcode

If campaignprice = 0 Then

TextBox42.Text = sellingprice

ElseIf startingdate <= DateTime.Today And finishingdate >= DateTime.Today Then

TextBox42.Text = campaignprice

Else

TextBox42.Text = sellingprice

End If

Label62.Text = moneyunit

TextBox44.Text = 1

TextBox44.Focus()

TextBox44.SelectAll()

Me.AcceptButton = Button40

spctrl = 0

End Sub

Private Sub Button39_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button39.Click

TextBox43.Text = "" TextBox42.Text = "" TextBox44.Text = 1 Label59.Text = "" Label62.Text = "" Label65.Text = 0 Label66.Text = "" Label68.Text = 0 Label69.Text = "" Label71.Text = "" Label72.Text = "" Button36.Enabled = False Button37.Enabled = False Button38.Enabled = False Sbillitems1.sellingbill.Clear()

Private Sub LinkLabel15_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles LinkLabel15.LinkClicked

TabControl1.SelectedIndex = 0

End Sub

Private Sub Button40_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button40.Click If connctrl = 1 Then

pc.ConnectionString = connstr Dim sco As New SqlClient.SqlCommand Dim stock As Double sco.Connection = pc sco.CommandText = "select stock from products where (barcode=" & _ TextBox43.Text & ")" pc.Open() stock = sco.ExecuteScalar() pc.Close() If stock - TextBox44.Text < 0 Then</pre> MsgBox("There Is Not Enough Stock For This " & Label59.Text & " Product", MessageBoxIcon.Error)

Exit Sub End If Dim dr As DataRow dr = Sbillitems1.sellingbill.NewRow If TextBox43.Text = "" Then MsgBox("Please Enter A Barcode", MessageBoxIcon.Error) TextBox43.Focus() Exit Sub Else dr.Item("barcode") = TextBox43.Text dr.Item("producttype") = producttype dr.Item("mark") = mark dr.Item("packageamount") = packageamount dr.Item("packageunit") = packageunit dr.Item("packagetype") = packagetype End If If TextBox44.Text = "" Then MsgBox("Please Enter Amount", MessageBoxIcon.Error) TextBox44.Focus() Exit Sub Else dr.Item("amount") = TextBox44.Text End If dr.Item("tax") = taxdr.Item("price") = TextBox42.Text dr.Item("moneyunit") = Label62.Text dr.Item("taxcost") = taxcost Sbillitems1.sellingbill.Rows.Add(dr) cm = CType(Me.BindingContext(sbillitemsdw), CurrencyManager)

cm.Position = cm.Count - 1

Dim total As Double

Dim ttaxcost As Double

ttaxcost = taxcost * TextBox44.Text total = Math.Round(TextBox42.Text * TextBox44.Text, 2) Label68.Text = Math.Round(ttaxcost + Label68.Text, 2) Label65.Text = Math.Round(total + Label65.Text, 2) Label66.Text = moneyunit Label69.Text = moneyunit TextBox43.Text = "" TextBox42.Text = "" TextBox44.Text = 1 Label59.Text = "" Label71.Text = "" Button36.Enabled = True Button37.Enabled = True

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Button 38. Enabled = True

Private Sub Button41_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button41.Click

If connctrl = 1 Then cm = CType(Me.BindingContext(sbillitemsdw), CurrencyManager) If cm.Position >= 0 Then Dim ttaxcost As Double Dim total As Double ttaxcost = Label68.Text total = Label65.Text Label68.Text = Math.Round(ttaxcost - (DataGrid6.Item(cm.Position, 6) * DataGrid6.Item(cm.Position, 10)), 2) Label65.Text = Math.Round(total - (DataGrid6.Item(cm.Position, 6) * DataGrid6.Item(cm.Position, 8)), 2)

Sbillitems1.sellingbill.Rows.RemoveAt(cm.Position)

End If

If cm.Position < 0 Then

Button36.Enabled = False

Button37.Enabled = False

Button38.Enabled = False

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button36_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button36.Click

If connctrl = 1 Then csbilltotal = Label 65.Textcstaxtotal = Label68.Text csmoneyunit = Label66.Text Dim f8 As New Form8 f8.ShowDialog() If csctrl = 0 Then Exit Sub End If Label71.Text = csrepayment Label72.Text = csmoneyunit cm = CType(Me.BindingContext(sbillitemsdw), CurrencyManager) pc.ConnectionString = connstr Dim bn As Long sbilladd.Parameters("@bdate").Value = DateTime.Today sbilladd.Parameters("@personid").Value = pid

sbilladd.Parameters("@personname").Value = pname & surname sbilladd.Parameters("@totaltaxcost").Value = Label68.Text sbilladd.Parameters("@total").Value = Label65.Text sbilladd.Parameters("@moneyunit").Value = Label62.Text sbilladd.Parameters("@paymenttype").Value = "Cash" sbilladd.Parameters("@cashamount").Value = Label65.Text sbilladd.Parameters("@kkartamount").Value = 0 sbilladd.Parameters("@ccardno").Value = "-" Try

pc.Open()

bn = sbilladd.ExecuteScalar()

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

Dim dr As DataRow

cm.Position = 0

For Each dr In Sbillitems1.sellingbill.Rows

sbitemsadd.Parameters("@billno").Value = bn

sbitemsadd.Parameters("@barcode").Value = DataGrid6.Item(cm.Position, 0) sbitemsadd.Parameters("@amount").Value = DataGrid6.Item(cm.Position, 6) sbitemsadd.Parameters("@tax").Value = DataGrid6.Item(cm.Position, 7) sbitemsadd.Parameters("@price").Value = DataGrid6.Item(cm.Position, 8) sbitemsadd.Parameters("@moneyunit").Value = DataGrid6.Item(cm.Position, 10)

9)

sbitemsadd.Parameters("@taxcost").Value = DataGrid6.Item(cm.Position, 10) Try

pc.Open()
sbitemsadd.ExecuteNonQuery()
Catch ex As SqlClient.SqlException
MsgBox(ex.Message & " (" & ex.Number & ")")
Exit Sub

Finally pc.Close() End Try 'decrease Stock Dim sco As New SqlClient.SqlCommand Dim stock As Double sco.Connection = pcsco.CommandText = "select stock from products where (barcode=" & _ DataGrid6.Item(cm.Position, 0) & ")" pc.Open() stock = sco.ExecuteScalar() pc.Close() Dim ups As New SqlClient.SqlCommand ups.Connection = pc ups.CommandText = "update products set stock=" & stock -DataGrid6.Item(cm.Position, 6) & _ "where (barcode=" & DataGrid6.Item(cm.Position, 0) & ")" pc.Open() ups.ExecuteNonQuery() pc.Close() cm.Position += 1Next TextBox43.Text = "" TextBox42.Text = "" TextBox44.Text = 1Label59.Text = "" Label62.Text = "" Label65.Text = 0Label66.Text = "" Label68.Text = 0Label69.Text = "" Button36.Enabled = False

Button 37. Enabled = False

Button 38. Enabled = False

Sbillitems1.sellingbill.Clear()

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button37_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button37.Click

If connetrl = 1 Then csbilltotal = Label65.Text cstaxtotal = Label 68.Textcsmoneyunit = Label66.Text Dim f9 As New Form9 f9.ShowDialog() If csctrl = 0 Then Exit Sub End If Label71.Text = csrepayment Label72.Text = csmoneyunit cm = CType(Me.BindingContext(sbillitemsdw), CurrencyManager) pc.ConnectionString = connstr Dim bn As Long sbilladd.Parameters("@bdate").Value = DateTime.Today sbilladd.Parameters("@personid").Value = pid sbilladd.Parameters("@personname").Value = pname & surname sbilladd.Parameters("@totaltaxcost").Value = Label68.Text sbilladd.Parameters("@total").Value = Label65.Text sbilladd.Parameters("@moneyunit").Value = Label62.Text sbilladd.Parameters("@paymenttype").Value = "Credit Card" sbilladd.Parameters("(a)cashamount").Value = 0 sbilladd.Parameters("@kkartamount").Value = Label65.Text sbilladd.Parameters("@ccardno").Value = cscardno

Try

pc.Open() bn = sbilladd.ExecuteScalar() Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try Dim dr As DataRow cm.Position = 0For Each dr In Sbillitems1.sellingbill.Rows sbitemsadd.Parameters("@billno").Value = bn sbitemsadd.Parameters("@barcode").Value = DataGrid6.Item(cm.Position, 0) sbitemsadd.Parameters("@amount").Value = DataGrid6.Item(cm.Position, 6) sbitemsadd.Parameters("@tax").Value = DataGrid6.Item(cm.Position, 7) sbitemsadd.Parameters("@price").Value = DataGrid6.Item(cm.Position, 8) sbitemsadd.Parameters("@moneyunit").Value = DataGrid6.Item(cm.Position,

9)

sbitemsadd.Parameters("@taxcost").Value = DataGrid6.Item(cm.Position, 10) Try

pc.Open()

sbitemsadd.ExecuteNonQuery()

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

'decrease Stock

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

```
DataGrid6.Item(cm.Position, 0) & ")"

pc.Open()

stock = sco.ExecuteScalar()

pc.Close()

Dim ups As New SqlClient.SqlCommand

ups.Connection = pc

ups.CommandText = "update products set stock=" & stock -

DataGrid6.Item(cm.Position, 6) & _

"where (barcode=" & DataGrid6.Item(cm.Position, 0) & ")"

pc.Open()

ups.ExecuteNonQuery()

pc.Close()

cm.Position += 1
```

Next

TextBox43.Text = ""

TextBox42.Text = ""

TextBox44.Text = 1

Label59.Text = ""

Label62.Text = ""

Label65.Text = 0

Label66.Text = ""

Label68.Text = 0

Label69.Text = ""

Sbillitems1.sellingbill.Clear()

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button38_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button38.Click

If connctrl = 1 Then

csbilltotal = Label65.Text cstaxtotal = Label68.Text csmoneyunit = Label66.Text Dim f10 As New Form10 f10.ShowDialog() If csctrl = 0 Then Exit Sub End If Label71.Text = csrepaymentLabel72.Text = csmoneyunit cm = CType(Me.BindingContext(sbillitemsdw), CurrencyManager) pc.ConnectionString = connstr Dim bn As Long sbilladd.Parameters("@bdate").Value = DateTime.Today sbilladd.Parameters("@personid").Value = pid sbilladd.Parameters("@personname").Value = pname & surname sbilladd.Parameters("@totaltaxcost").Value = Label68.Text sbilladd.Parameters("@total").Value = Label65.Text sbilladd.Parameters("@moneyunit").Value = Label62.Text sbilladd.Parameters("@paymenttype").Value = "Cash And Credit Card" sbilladd.Parameters("@cashamount").Value = cscashamount sbilladd.Parameters("@kkartamount").Value = cscardamount sbilladd.Parameters("@ccardno").Value = cscardno Try pc.Open() bn = sbilladd.ExecuteScalar() Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try Dim dr As DataRow cm.Position = 0

For Each dr In Sbillitems1.sellingbill.Rows

sbitemsadd.Parameters("@billno").Value = bn sbitemsadd.Parameters("@barcode").Value = DataGrid6.Item(cm.Position, 0) sbitemsadd.Parameters("@amount").Value = DataGrid6.Item(cm.Position, 6) sbitemsadd.Parameters("@tax").Value = DataGrid6.Item(cm.Position, 7) sbitemsadd.Parameters("@price").Value = DataGrid6.Item(cm.Position, 8) sbitemsadd.Parameters("@moneyunit").Value = DataGrid6.Item(cm.Position, 9)

9)

sbitemsadd.Parameters("@taxcost").Value = DataGrid6.Item(cm.Position, 10) Try

pc.Open()

sbitemsadd.ExecuteNonQuery()

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

'decrease Stock

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

DataGrid6.Item(cm.Position, 0) & ")"

pc.Open()

stock = sco.ExecuteScalar()

pc.Close()

Dim ups As New SqlClient.SqlCommand

ups.Connection = pc

ups.CommandText = "update products set stock=" & stock -

DataGrid6.Item(cm.Position, 6) & _

"where (barcode=" & DataGrid6.Item(cm.Position, 0) & ")"

pc.Open()

ups.ExecuteNonQuery()

pc.Close() cm.Position += 1 Next TextBox43.Text = "" TextBox42.Text = "" TextBox44.Text = 1 Label59.Text = "" Label62.Text = "" Label65.Text = 0 Label66.Text = 0 Label68.Text = 0 Label69.Text = "" Sbillitems1.sellingbill.Clear()

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button42_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button42.Click

Dim f7 As New Form7

f7.ShowDialog()

If spetrl = 0 Then

Exit Sub

End If

Label76.Text = mark & " " & producttype & " " & packageamount & " " & packageunit & " " & packagetype

TextBox46.Text = barcode

If campaignprice = 0 Then

TextBox47.Text = sellingprice

ElseIf startingdate <= DateTime.Today And finishingdate >= DateTime.Today

Then

TextBox47.Text = campaignprice Else TextBox47.Text = sellingprice End If Label74.Text = moneyunit TextBox45.Text = 1 TextBox45.Focus() TextBox45.SelectAll() Me.AcceptButton = Button44 spctrl = 0 End Sub

```
Private Sub Button44_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button44.Click
```

If connctrl = 1 Then

pc.ConnectionString = connstr

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

TextBox46.Text & ")"

pc.Open()

stock = sco.ExecuteScalar()

pc.Close()

If stock - TextBox45.Text < 0 Then

MsgBox("There Is Not Enough Stock For This " & Label59.Text & "

Product", MessageBoxIcon.Error)

Exit Sub

End If

Dim dr As DataRow

dr = Sbillitems1.wsellingbill.NewRow

If TextBox46.Text = "" Then

MsgBox("Please Enter A Barcode", MessageBoxIcon.Error)

TextBox46.Focus()

```
Exit Sub
```

Else

```
dr.Item("barcode") = TextBox46.Text
```

dr.Item("producttype") = producttype

dr.Item("mark") = mark

dr.Item("packageamount") = packageamount

dr.Item("packageunit") = packageunit

dr.Item("packagetype") = packagetype

End If

If TextBox45.Text = "" Then

MsgBox("Please Enter Amount", MessageBoxIcon.Error)

TextBox45.Focus()

Exit Sub

Else

dr.Item("amount") = TextBox45.Text

End If

dr.Item("tax") = tax

dr.Item("price") = TextBox47.Text

dr.Item("moneyunit") = Label74.Text

```
dr.Item("taxcost") = taxcost
```

Sbillitems1.wsellingbill.Rows.Add(dr)

cm = CType(Me.BindingContext(wsbillitemsdw), CurrencyManager)

cm.Position = cm.Count - 1

Dim total As Double

Dim ttaxcost As Double

ttaxcost = taxcost * TextBox45.Text

total = Math.Round(TextBox47.Text * TextBox45.Text, 2)

Label81.Text = Math.Round(ttaxcost + Label81.Text, 2)

Label84.Text = Math.Round(total + Label84.Text, 2)

Label83.Text = moneyunit

Label80.Text = moneyunit

TextBox46.Text = ""

TextBox47.Text = ""

TextBox45.Text = 1

Label76.Text = "" Label78.Text = "" Label77.Text = "" Button46.Enabled = True Button47.Enabled = True Button48.Enabled = True

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub DataGrid6_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid6.CurrentCellChanged

```
cm = CType(Me.BindingContext(sbillitemsdw), CurrencyManager)
```

DataGrid6.Select(cm.Position)

End Sub

```
Private Sub DataGrid7_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid7.CurrentCellChanged
```

cm = CType(Me.BindingContext(wsbillitemsdw), CurrencyManager)
DataGrid7.Select(cm.Position)

End Sub

```
Private Sub Button43_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button43.Click
```

If connctrl = 1 Then cm = CType(Me.BindingContext(wsbillitemsdw), CurrencyManager) If cm.Position >= 0 Then Dim ttaxcost As Double Dim total As Double ttaxcost = Label81.Text total = Label84.Text Label81.Text = Math.Round(ttaxcost - (DataGrid7.Item(cm.Position, 6) * DataGrid7.Item(cm.Position, 10)), 2)

Label84.Text = Math.Round(total - (DataGrid7.Item(cm.Position, 6) *

DataGrid7.Item(cm.Position, 8)), 2)

Sbillitems1.wsellingbill.Rows.RemoveAt(cm.Position)

End If

If cm.Position < 0 Then

Button46.Enabled = False

Button47.Enabled = False

Button48.Enabled = False

End If

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button45_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button45.Click

TextBox47.Text = "" TextBox46.Text = "" TextBox45.Text = 1 Label76.Text = "" Label74.Text = "" Label81.Text = 0 Label83.Text = "" Label84.Text = 0 Label80.Text = "" Label78.Text = "" Label77.Text = "" TextBox48.Text = "" Button46.Enabled = False Button47.Enabled = False Button48.Enabled = False Sbillitems1.wsellingbill.Clear() End Sub

```
Private Sub Button47_Click(ByVal sender As System.Object, ByVal e As
System. EventArgs) Handles Button47. Click
    If connctrl = 1 Then
      If TextBox48.Text = "" Or TextBox49.Text = "" Then
         MsgBox("Please Select A Firm", MessageBoxIcon.Error)
         Exit Sub
      End If
      csbilltotal = Label84.Text
       cstaxtotal = Label81.Text
       csmoneyunit = Label 83.Text
       Dim f8 As New Form8
       f8.ShowDialog()
       If csctrl = 0 Then
         Exit Sub
       End If
       Label78.Text = csrepayment
       Label77.Text = csmoneyunit
       cm = CType(Me.BindingContext(wsbillitemsdw), CurrencyManager)
       pc.ConnectionString = connstr
       Dim bn As Long
       swbilladd.Parameters("@bdate").Value = DateTime.Today
       swbilladd.Parameters("@personid").Value = pid
       swbilladd.Parameters("@personname").Value = pname & surname
       swbilladd.Parameters("@firmid").Value = TextBox48.Text
       swbilladd.Parameters("@firmname").Value = TextBox49.Text
       swbilladd.Parameters("@totaltaxcost").Value = Label81.Text
       swbilladd.Parameters("@total").Value = Label84.Text
       swbilladd.Parameters("@moneyunit").Value = Label83.Text
       swbilladd.Parameters("@paymenttype").Value = "Cash"
```

```
swbilladd.Parameters("@cashamount").Value = Label84.Text
swbilladd.Parameters("@kkartamount").Value = 0
swbilladd.Parameters("@ccardno").Value = "-"
Try
  pc.Open()
  bn = swbilladd.ExecuteScalar()
Catch ex As SqlClient.SqlException
  MsgBox(ex.Message & " (" & ex.Number & ")")
  Exit Sub
Finally
  pc.Close()
End Try
Dim co As New SqlClient.SqlCommand
Dim ffn As String
co.Connection = pc
co.CommandText = "select name from firmdat where([id]=0)"
pc.Open()
ffn = co.ExecuteScalar
pc.Close()
'save firm account
faccountsave.Parameters("@date").Value = DateTime.Today
faccountsave.Parameters("@firmid").Value = TextBox48.Text
faccountsave.Parameters("@billno").Value = bn
faccountsave.Parameters("@recipientfirmid").Value = 0
faccountsave.Parameters("@recipientfirm").Value = ffn
faccountsave.Parameters("@dept").Value = Label84.Text
faccountsave.Parameters("(a) payment").Value = 0
faccountsave.Parameters("@moneyunit").Value = Label83.Text
Try
  pc.Open()
  faccountsave.ExecuteNonQuery()
Catch ex As SqlClient.SqlException
```

MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub

Finally pc.Close() End Try Dim dr As DataRow cm.Position = 0For Each dr In Sbillitems1.wsellingbill.Rows swbitemsadd.Parameters("@billno").Value = bn swbitemsadd.Parameters("@barcode").Value = DataGrid7.Item(cm.Position, swbitemsadd.Parameters("@amount").Value = DataGrid7.Item(cm.Position, swbitemsadd.Parameters("@tax").Value = DataGrid7.Item(cm.Position, 7) swbitemsadd.Parameters("@price").Value = DataGrid7.Item(cm.Position, 8) swbitemsadd.Parameters("@moneyunit").Value = DataGrid7.Item(cm.Position, 9)

swbitemsadd.Parameters("@taxcost").Value = DataGrid7.Item(cm.Position,

10)

Try

0)

6)

pc.Open() swbitemsadd.ExecuteNonQuery() Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try 'decrease Stock Dim sco As New SqlClient.SqlCommand Dim stock As Double sco.Connection = pcsco.CommandText = "select stock from products where (barcode=" & DataGrid7.Item(cm.Position, 0) & ")" pc.Open() stock = sco.ExecuteScalar()

pc.Close()

Dim ups As New SqlClient.SqlCommand

ups.Connection = pc

ups.CommandText = "update products set stock=" & stock -

DataGrid7.Item(cm.Position, 6) & _

"where (barcode=" & DataGrid7.Item(cm.Position, 0) & ")"

pc.Open()

ups.ExecuteNonQuery()

pc.Close()

cm.Position += 1

Next

TextBox47.Text = ""

TextBox46.Text = ""

TextBox45.Text = 1

Label76.Text = ""

Label74.Text = ""

Label81.Text = 0

Label83.Text = ""

Label84.Text = 0

Label80.Text = ""

TextBox48.Text = ""

TextBox49.Text = ""

Button46.Enabled = False

Button47.Enabled = False

Button48.Enabled = False

Sbillitems1.wsellingbill.Clear()

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button49_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button49.Click

If connctrl = 1 Then

Dim f6 As New Form6

f6.ShowDialog()

TextBox48.Text = fid

TextBox49.Text = firmname

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button46_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button46.Click

```
If connctrl = 1 Then
  If TextBox48.Text = "" Or TextBox49.Text = "" Then
    MsgBox("Please Select A Firm", MessageBoxIcon.Error)
    Exit Sub
  End If
  csbilltotal = Label84.Text
  cstaxtotal = Label 81.Text
  csmoneyunit = Label83.Text
  Dim f9 As New Form9
  f9.ShowDialog()
  If csctrl = 0 Then
    Exit Sub
  End If
  Label78.Text = csrepayment
  Label77.Text = csmoneyunit
  cm = CType(Me.BindingContext(wsbillitemsdw), CurrencyManager)
  pc.ConnectionString = connstr
  Dim bn As Long
```

swbilladd.Parameters("@bdate").Value = DateTime.Today swbilladd.Parameters("@personid").Value = pid swbilladd.Parameters("@personname").Value = pname & surname swbilladd.Parameters("@firmid").Value = TextBox48.Text swbilladd.Parameters("@firmname").Value = TextBox49.Text swbilladd.Parameters("@totaltaxcost").Value = Label81.Text swbilladd.Parameters("@total").Value = Label84.Text swbilladd.Parameters("@moneyunit").Value = Label83.Text swbilladd.Parameters("@paymenttype").Value = "Credit Card" swbilladd.Parameters("@ccashamount").Value = 0 swbilladd.Parameters("@kkartamount").Value = Label84.Text swbilladd.Parameters("@ccardno").Value = Cardit Card"

pc.Open()

bn = swbilladd.ExecuteScalar()

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

Dim co As New SqlClient.SqlCommand

Dim ffn As String

co.Connection = pc

co.CommandText = "select name from firmdat where([id]=0)"

pc.Open()

ffn = co.ExecuteScalar

pc.Close()

'save firm account

faccountsave.Parameters("@date").Value = DateTime.Today faccountsave.Parameters("@firmid").Value = TextBox48.Text

faccountsave.Parameters("@billno").Value = bn

faccountsave.Parameters("@recipientfirmid").Value = 0

faccountsave.Parameters("@recipientfirm").Value = ffn

faccountsave.Parameters("@dept").Value = Label84.Text faccountsave.Parameters("@payment").Value = 0faccountsave.Parameters("@moneyunit").Value = Label83.Text Try pc.Open() faccountsave.ExecuteNonQuery() Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try Dim dr As DataRow cm.Position = 0For Each dr In Sbillitems1.wsellingbill.Rows swbitemsadd.Parameters("@billno").Value = bn swbitemsadd.Parameters("@barcode").Value = DataGrid7.Item(cm.Position, swbitemsadd.Parameters("@amount").Value = DataGrid7.Item(cm.Position, swbitemsadd.Parameters("@tax").Value = DataGrid7.Item(cm.Position, 7) swbitemsadd.Parameters("@price").Value = DataGrid7.Item(cm.Position, 8) swbitemsadd.Parameters("@moneyunit").Value =

0)

6)

DataGrid7.Item(cm.Position, 9)

swbitemsadd.Parameters("@taxcost").Value = DataGrid7.Item(cm.Position,

10)

Try

```
pc.Open()
  swbitemsadd.ExecuteNonQuery()
Catch ex As SqlClient.SqlException
  MsgBox(ex.Message & " (" & ex.Number & ")")
  Exit Sub
Finally
  pc.Close()
```

```
End Try
         'decrease Stock
         Dim sco As New SqlClient.SqlCommand
         Dim stock As Double
         sco.Connection = pc
         sco.CommandText = "select stock from products where (barcode=" & _
         DataGrid7.Item(cm.Position, 0) & ")"
         pc.Open()
         stock = sco.ExecuteScalar()
         pc.Close()
         Dim ups As New SqlClient.SqlCommand
         ups.Connection = pc
         ups.CommandText = "update products set stock=" & stock -
DataGrid7.Item(cm.Position, 6) & _
         "where (barcode=" & DataGrid7.Item(cm.Position, 0) & ")"
         pc.Open()
         ups.ExecuteNonQuery()
         pc.Close()
         cm.Position += 1
       Next
       TextBox47.Text = ""
       TextBox46.Text = ""
       TextBox45.Text = 1
       Label76.Text = ""
       Label74.Text = ""
       Label81.Text = 0
       Label83.Text = ""
       Label84.Text = 0
       Label80.Text = ""
       TextBox48.Text = ""
       TextBox49.Text = ""
       Button46.Enabled = False
       Button 47. Enabled = False
       Button 48. Enabled = False
```

Sbillitems1.wsellingbill.Clear()

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button48_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button48.Click

If connctrl = 1 Then

If TextBox48.Text = "" Or TextBox49.Text = "" Then

MsgBox("Please Select A Firm", MessageBoxIcon.Error) Exit Sub

End If

csbilltotal = Label84.Text

cstaxtotal = Label81.Text

csmoneyunit = Label83.Text

Dim f10 As New Form10

f10.ShowDialog()

If csctrl = 0 Then

Exit Sub

End If

Label78.Text = csrepayment

Label77.Text = csmoneyunit

cm = CType(Me.BindingContext(wsbillitemsdw), CurrencyManager)

pc.ConnectionString = connstr

Dim bn As Long

swbilladd.Parameters("@bdate").Value = DateTime.Today

swbilladd.Parameters("@personid").Value = pid

swbilladd.Parameters("@personname").Value = pname & surname

swbilladd.Parameters("@firmid").Value = TextBox48.Text

swbilladd.Parameters("@firmname").Value = TextBox49.Text

swbilladd.Parameters("@totaltaxcost").Value = Label81.Text

swbilladd.Parameters("@total").Value = Label84.Text swbilladd.Parameters("@moneyunit").Value = Label83.Text swbilladd.Parameters("@paymenttype").Value = "Cash And Credit Card" swbilladd.Parameters("@cashamount").Value = cscashamount swbilladd.Parameters("@kkartamount").Value = cscardamount swbilladd.Parameters("@ccardno").Value = cscardno Try pc.Open() bn = swbilladd.ExecuteScalar()Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try Dim co As New SqlClient.SqlCommand Dim ffn As String co.Connection = pcco.CommandText = "select name from firmdat where([id]=0)" pc.Open() ffn = co.ExecuteScalar pc.Close() 'save firm account faccountsave.Parameters("@date").Value = DateTime.Today faccountsave.Parameters("@firmid").Value = TextBox48.Text faccountsave.Parameters("@billno").Value = bn faccountsave.Parameters("@recipientfirmid").Value = 0faccountsave.Parameters("@recipientfirm").Value = ffn faccountsave.Parameters("@dept").Value = Label84.Text faccountsave.Parameters("@payment").Value = 0 faccountsave.Parameters("@moneyunit").Value = Label83.Text Try pc.Open()

faccountsave.ExecuteNonQuery()

Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try Dim dr As DataRow cm.Position = 0 For Each dr In Sbillitems1.wsellingbill.Rows swbitemsadd.Parameters("@billno").Value = bn swbitemsadd.Parameters("@barcode").Value = DataGrid7.Item(cm.Position,

0)

swbitemsadd.Parameters("@amount").Value = DataGrid7.Item(cm.Position,

6)

swbitemsadd.Parameters("@tax").Value = DataGrid7.Item(cm.Position, 7)
swbitemsadd.Parameters("@price").Value = DataGrid7.Item(cm.Position, 8)
swbitemsadd.Parameters("@moneyunit").Value =

DataGrid7.Item(cm.Position, 9)

swbitemsadd.Parameters("@taxcost").Value = DataGrid7.Item(cm.Position,

10)

Try

pc.Open()

swbitemsadd.ExecuteNonQuery()

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

'decrease Stock

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

```
DataGrid7.Item(cm.Position, 0) & ")"
         pc.Open()
         stock = sco.ExecuteScalar()
         pc.Close()
         Dim ups As New SqlClient.SqlCommand
         ups.Connection = pc
         ups.CommandText = "update products set stock=" & stock -
DataGrid7.Item(cm.Position, 6) & _
         "where (barcode=" & DataGrid7.Item(cm.Position, 0) & ")"
         pc.Open()
         ups.ExecuteNonQuery()
         pc.Close()
         cm.Position += 1
      Next
       TextBox47.Text = ""
       TextBox46.Text = ""
       TextBox45.Text = 1
       Label76.Text = ""
       Label74.Text = ""
```

Label81.Text = 0 Label83.Text = ""

Label84.Text = 0

Label80.Text = ""

TextBox48.Text = ""

TextBox49.Text = ""

Button46.Enabled = False

Button47.Enabled = False

Button48.Enabled = False

Sbillitems1.wsellingbill.Clear()

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close() End If End Sub

```
Private Sub CheckBox4_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CheckBox4.CheckedChanged
```

If CheckBox4.Checked = True Then

CheckBox5.Checked = False

```
Button54.Enabled = True
```

Else

Button54.Enabled = False

```
TextBox50.Text = ""
```

End If

End Sub

```
Private Sub CheckBox5_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CheckBox5.CheckedChanged
```

```
If CheckBox5.Checked = True Then
```

```
CheckBox4.Checked = False
```

Button 55. Enabled = True

Else

```
TextBox51.Text = ""
```

Button55.Enabled = False

End If

End Sub

```
Private Sub LinkLabel16_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
```

LinkLabel16.LinkClicked

TabControl1.SelectedIndex = 0 End Sub

```
Private Sub Button50_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button50.Click
```

If connctrl = 1 Then Dim sbds As New DataSet Dim wsbds As New DataSet

pc.ConnectionString = connstr

- If CheckBox4.Checked = False And CheckBox5.Checked = False Then sbfindastodate.Parameters("@date1").Value = DateTimePicker5.Value wsbfindastodate.Parameters("@date1").Value = DateTimePicker5.Value wsbfindastodate.Parameters("@date2").Value = DateTimePicker5.Value Dim sbda As New SqlClient.SqlDataAdapter sbda.SelectCommand = sbfindastodate sbda.Fill(sbds, "sb") sellingbill.Table = sbds.Tables("sb") Dim wsbda As New SqlClient.SqlDataAdapter wsbda.SelectCommand = wsbfindastodate wsbda.Fill(wsbds, "wsb") m wsbda As New SqlClient.SqlDataAdapter wsbda.Fill(wsbds, "wsb") Sellingbill.Table = sbds.Tables("wsb") ElseIf CheckBox4.Checked = True And CheckBox5.Checked = False Then
- sbfindcn.Parameters("@date1").Value = DateTimePicker5.Value sbfindcn.Parameters("@date2").Value = DateTimePicker6.Value sbfindcn.Parameters("@personid").Value = prsnid wsbfindcn.Parameters("@date1").Value = DateTimePicker5.Value wsbfindcn.Parameters("@date2").Value = DateTimePicker6.Value wsbfindcn.Parameters("@personid").Value = prsnid Dim sbda As New SqlClient.SqlDataAdapter sbda.SelectCommand = sbfindcn sbda.Fill(sbds, "sb") sellingbill.Table = sbds.Tables("sb") Dim wsbda As New SqlClient.SqlDataAdapter wsbda.SelectCommand = wsbfindcn wsbda.Fill(wsbds, "wsb") wsellingbill.Table = wsbds.Tables("wsb") ElseIf CheckBox4.Checked = False And CheckBox5.Checked = True Then sellingbill.Table.Clear() wsbfindfn.Parameters("@date1").Value = DateTimePicker5.Value wsbfindfn.Parameters("@date2").Value = DateTimePicker6.Value

```
wsbfindfn.Parameters("@firmid").Value = fid
  Dim wsbda As New SqlClient.SqlDataAdapter
  wsbda.SelectCommand = wsbfindfn
  wsbda.Fill(wsbds, "wsb")
  wsellingbill.Table = wsbds.Tables("wsb")
End If
cm = CType(Me.BindingContext(sellingbill), CurrencyManager)
cm.Position = 0
Dim sbdr As DataRow
Label107.Text = 0
Label104.Text = 0
Label117.Text = 0
Label98.Text = 0
If cm.Position \ge 0 Then
  For Each sbdr In sbds.Tables("sb").Rows
    Label107.Text = Label107.Text + DataGrid8.Item(cm.Position, 8)
    Label104.Text = Label104.Text + DataGrid8.Item(cm.Position, 9)
    Label117.Text = Label117.Text + DataGrid8.Item(cm.Position, 4)
    Label98.Text = Label98.Text + DataGrid8.Item(cm.Position, 5)
    cm.Position += 1
  Next
  Label106.Text = DataGrid8.Item(cm.Position, 6)
  Label103.Text = DataGrid8.Item(cm.Position, 6)
  Label116.Text = DataGrid8.Item(cm.Position, 6)
  Label99.Text = DataGrid8.Item(cm.Position, 6)
End If
cm = CType(Me.BindingContext(wsellingbill), CurrencyManager)
cm.Position = 0
Dim wsbdr As DataRow
Label101.Text = 0
Label110.Text = 0
Label 120.Text = 0
Label113.Text = 0
If cm.Position \geq 0 Then
```

For Each wsbdr In wsbds.Tables("wsb").Rows

Label101.Text = Label101.Text + DataGrid9.Item(cm.Position, 10) Label110.Text = Label110.Text + DataGrid9.Item(cm.Position, 11) Label120.Text = Label120.Text + DataGrid9.Item(cm.Position, 6) Label113.Text = Label113.Text + DataGrid9.Item(cm.Position, 7) cm.Position += 1

Next

Label100.Text = DataGrid9.Item(cm.Position, 8)

Label109.Text = DataGrid9.Item(cm.Position, 8)

Label119.Text = DataGrid9.Item(cm.Position, 8)

Label112.Text = DataGrid9.Item(cm.Position, 8)

End If

Dim gt1 As Double = Label98.Text

Dim gt2 As Double = Label113.Text

Dim gct1 As Double = Label107.Text

Dim gct2 As Double = Label101.Text

Dim gcct1 As Double = Label104.Text

Dim gcct2 As Double = Label110.Text

Dim gvt1 As Double = Label117.Text

Dim gvt2 As Double = Label120.Text

Label89.Text = Math.Round(gt1 + gt2, 2)

Label92.Text = Math.Round(gct1 + gct2, 2)

Label95.Text = Math.Round(gcct1 + gcct2, 2)

Label123.Text = Math.Round(gvt1 + gvt2, 2)

Label90.Text = Label100.Text

Label122.Text = Label100.Text

Label91.Text = Label100.Text

Label94.Text = Label100.Text

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub Private Sub Button34_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button34.Click

If connctrl = 1 Then pc.ConnectionString = connstr Pds1.persondat.Clear() pda.Fill(Pds1.persondat) DataView1.Table = Pds1.persondat

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button92_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button92.Click

If TextBox68.BackColor.Equals(Color.Lime) Then TextBox69.BackColor = Color.Lime TextBox68.BackColor = Color.Gray

ElseIf TextBox69.BackColor.Equals(Color.Lime) Then TextBox70.BackColor = Color.Lime TextBox69.BackColor = Color.Gray

ElseIf TextBox70.BackColor.Equals(Color.Lime) Then TextBox71.BackColor = Color.Lime TextBox70.BackColor = Color.Gray

ElseIf TextBox71.BackColor.Equals(Color.Lime) Then TextBox68.BackColor = Color.Lime TextBox71.BackColor = Color.Gray End If End Sub
Private Sub Button93_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button93.Click

If TextBox68.BackColor.Equals(Color.Lime) Then TextBox71.BackColor = Color.Lime TextBox68.BackColor = Color.Gray

ElseIf TextBox69.BackColor.Equals(Color.Lime) Then TextBox68.BackColor = Color.Lime TextBox69.BackColor = Color.Gray

ElseIf TextBox70.BackColor.Equals(Color.Lime) Then TextBox69.BackColor = Color.Lime TextBox70.BackColor = Color.Gray

ElseIf TextBox71.BackColor.Equals(Color.Lime) Then TextBox70.BackColor = Color.Lime TextBox71.BackColor = Color.Gray End If End Sub

```
Private Sub Button83_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button83.Click
If TextBox69.BackColor.Equals(Color.Lime) Then
TextBox69.Text += "1"
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "1"
End If
End Sub
```

Private Sub Button88_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button88.Click If TextBox69.BackColor.Equals(Color.Lime) Then TextBox69.Text += "2"

```
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "2"
End If
End Sub
```

```
Private Sub Button91_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button91.Click
If TextBox69.BackColor.Equals(Color.Lime) Then
TextBox69.Text += "3"
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "3"
End If
End Sub
```

```
Private Sub Button84_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button84.Click
```

```
If TextBox69.BackColor.Equals(Color.Lime) Then
```

```
TextBox69.Text += "4"
```

ElseIf TextBox71.BackColor.Equals(Color.Lime) Then

```
TextBox71.Text += "4"
```

End If

End Sub

```
Private Sub Button87_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button87.Click
If TextBox69.BackColor.Equals(Color.Lime) Then
TextBox69.Text += "5"
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "5"
End If
End Sub
```

Private Sub Button90_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button90.Click

```
If TextBox69.BackColor.Equals(Color.Lime) Then
TextBox69.Text += "6"
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "6"
End If
End Sub
```

```
Private Sub Button85_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button85.Click
If TextBox69.BackColor.Equals(Color.Lime) Then
```

```
1
```

```
TextBox69.Text += "7"
```

ElseIf TextBox71.BackColor.Equals(Color.Lime) Then

```
TextBox71.Text += "7"
```

End If

End Sub

```
Private Sub Button86_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button86.Click
```

```
If TextBox69.BackColor.Equals(Color.Lime) Then
```

```
TextBox69.Text += "8"
```

ElseIf TextBox71.BackColor.Equals(Color.Lime) Then

```
TextBox71.Text += "8"
```

End If

End Sub

```
Private Sub Button89_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button89.Click
```

```
If TextBox69.BackColor.Equals(Color.Lime) Then
TextBox69.Text += "9"
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "9"
End If
End Sub
```

```
Private Sub Button94_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button94.Click
If TextBox69.BackColor.Equals(Color.Lime) Then
TextBox69.Text += "0"
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "0"
End If
End Sub
```

```
Private Sub Button96_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button96.Click
If TextBox69.BackColor.Equals(Color.Lime) Then
If TextBox69.Text.IndexOfAny(".") < 0 Then
TextBox69.Text += "."
End If
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
If TextBox71.Text.IndexOfAny(".") < 0 Then
TextBox71.Text += "."
End If
End If
End If
End If
```

```
Private Sub Button95_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button95.Click
```

If TextBox69.BackColor.Equals(Color.Lime) And TextBox69.Text \Leftrightarrow "" Then TextBox69.Text = TextBox69.Text.Remove(TextBox69.TextLength - 1, 1)

ElseIf TextBox71.BackColor.Equals(Color.Lime) And TextBox71.Text <> ""

TextBox71.Text = TextBox71.Text.Remove(TextBox71.TextLength - 1, 1) End If

End Sub

Private Sub Button81_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button81.Click

```
If TextBox68.BackColor.Equals(Color.Lime) Then
TextBox68.Text = "%"
ElseIf TextBox70.BackColor.Equals(Color.Lime) Then
TextBox70.Text = "%"
End If
End Sub
```

```
Private Sub Button82_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button82.Click
```

If TextBox68.BackColor.Equals(Color.Lime) Then

```
TextBox68.Text = "+"
```

ElseIf TextBox70.BackColor.Equals(Color.Lime) Then

TextBox70.Text = "+"

End If

End Sub

Private Sub Button97_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button97.Click

```
TextBox68.Text = ""
TextBox69.Text = ""
TextBox70.Text = ""
TextBox71.Text = ""
End Sub
```

```
Private Sub Button123_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button123.Click
```

```
If connctrl = 1 Then
Dim f6 As New Form6
f6.ShowDialog()
TextBox72.Text = fid
TextBox73.Text = firmname
```

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

```
Me.Close()
End If
End Sub
```

```
Private Sub Button122_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button122.Click
If connctrl = 1 Then
Dim f6 As New Form6
f6.ShowDialog()
TextBox57.Text = fid
TextBox58.Text = firmname
Else
MsgBox("Connection Problem You Have To Connect To Server",
```

MessageBoxIcon.Error)

Me.Close() End If

End Sub

```
Private Sub Button115 Click(ByVal sender As System.Object, ByVal e As
System. EventArgs) Handles Button115. Click
    If connctrl = 1 Then
      If TextBox72.Text = "" Then
         MsgBox("Please Select A Payment Firm", MessageBoxIcon.Error)
         Exit Sub
      End If
      If TextBox57.Text = "" Then
         MsgBox("Please Select A Recipient Firm", MessageBoxIcon.Error)
         Exit Sub
      End If
      If TextBox74.Text = "" Then
         MsgBox("Please Enter A Payment Amount", MessageBoxIcon.Error)
         Exit Sub
      End If
      If ComboBox20.Text = "" Then
```

MsgBox("Please Select A Moneyunit", MessageBoxIcon.Error) Exit Sub

End If

pc.ConnectionString = connstr

faccountsave.Parameters("@date").Value = DateTimePicker16.Value faccountsave.Parameters("@firmid").Value = TextBox72.Text faccountsave.Parameters("@billno").Value = 0 faccountsave.Parameters("@recipientfirmid").Value = TextBox57.Text

faccountsave.Parameters("@recipientfirm").Value = TextBox58.Text

faccountsave.Parameters("@dept").Value = 0

faccountsave.Parameters("@payment").Value = TextBox74.Text

faccountsave.Parameters("@moneyunit").Value = ComboBox20.Text Try

pc.Open()

faccountsave.ExecuteNonQuery()

MsgBox("Paid Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button116_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button116.Click

If connctrl = 1 Then

Dim ic As Integer

ic = MsgBox("Do You Want to Update This Payment", MsgBoxStyle.YesNo, "UPDATE") If ic > 6 Then

TextBox57.Text = ""

TextBox58.Text = ""

TextBox74.Text = ""

Button116.Enabled = False

Exit Sub

End If

pc.ConnectionString = connstr

cm = CType(Me.BindingContext(paymentdw), CurrencyManager) faccountupdatebyid.Parameters("@id").Value = DataGrid17.Item(cm.Position,

0)

faccountupdatebyid.Parameters("@date").Value = DateTimePicker16.Value faccountupdatebyid.Parameters("@firmid").Value = TextBox72.Text faccountupdatebyid.Parameters("@recipientfirmid").Value = TextBox57.Text faccountupdatebyid.Parameters("@recipientfirm").Value = TextBox58.Text faccountupdatebyid.Parameters("@payment").Value = TextBox74.Text faccountupdatebyid.Parameters("@moneyunit").Value = ComboBox20.Text faccountupdatebyid.Parameters("@moneyunit").Value = ComboBox20.Text

pc.Open()

faccountupdatebyid.ExecuteNonQuery()

MsgBox("Update Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

TextBox57.Text = ""

TextBox58.Text = ""

TextBox74.Text = ""

Dim pymtco As New SqlClient.SqlCommand

Dim pymtda As New SqlClient.SqlDataAdapter

pc.ConnectionString = connstr

pymtco.Connection = pc

pymtco.CommandText = "select [id],[date],firmid,billno,recipientfirmid," & _

"recipientfirm,payment,moneyunit from firmaccount where(billno=" & 0 & _
"and firmid=" & TextBox72.Text & ")"
pymtda.SelectCommand = pymtco
Dandp1.payment.Clear()
pymtda.Fill(Dandp1.payment)
Dim pymtdr As DataRow
Label155.Text = 0
For Each pymtdr In Dandp1.payment.Rows
Label155.Text += pymtdr.Item("payment")

Next

Label161.Text = Label158.Text - Label155.Text

Label160.Text = Label154.Text

If Label161.Text < 0 Then

Label125.Text = "-"

Else

Label125.Text = "+"

End If

Button116.Enabled = False

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button120_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button120.Click

```
If connctrl = 1 Then
```

If TextBox72.Text = "" Then

MsgBox("Pelease Select A PaymentFirm", MessageBoxIcon.Error) Exit Sub

End If

Dim dptco As New SqlClient.SqlCommand

Dim dptda As New SqlClient.SqlDataAdapter

Dim pymtco As New SqlClient.SqlCommand Dim pymtda As New SqlClient.SqlDataAdapter pc.ConnectionString = connstr dptco.Connection = pcpymtco.Connection = pc dptco.CommandText = "select [id],[date],firmid,billno,recipientfirmid," & "recipientfirm,dept,moneyunit from firmaccount where(billno>" & 0 & _ "and firmid=" & TextBox72.Text & ")" pymtco.CommandText = "select [id],[date],firmid,billno,recipientfirmid," & _____ "recipientfirm,payment,moneyunit from firmaccount where(billno=" & 0 & "and firmid=" & TextBox72.Text & ")" dptda.SelectCommand = dptco pymtda.SelectCommand = pymtco Dandp1.depts.Clear() Dandp1.payment.Clear() dptda.Fill(Dandp1.depts) pymtda.Fill(Dandp1.payment) cm = CType(Me.BindingContext(deptsdw), CurrencyManager) Dim dptdr As DataRow Label158.Text = 0If cm.Count > 0 Then For Each dptdr In Dandp1.depts.Rows Label158.Text += dptdr.Item("dept") Next Label157.Text = dptdr.Item("moneyunit") End If cm = CType(Me.BindingContext(paymentdw), CurrencyManager) Dim pymtdr As DataRow Label155.Text = 0If cm.Count > 0 Then For Each pymtdr In Dandp1.payment.Rows Label155.Text += pymtdr.Item("payment") Next Label154.Text = pymtdr.Item("moneyunit")

End If Label161.Text = Label158.Text - Label155.Text Label160.Text = Label154.Text If Label161.Text > 0 Then Label125.Text = "+" End If Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub DataGrid17_DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid17.DoubleClick

Button116.Enabled = True

cm = CType(Me.BindingContext(paymentdw), CurrencyManager)

TextBox57.Text = DataGrid17.Item(cm.Position, 4)

TextBox58.Text = DataGrid17.Item(cm.Position, 5)

TextBox74.Text = DataGrid17.Item(cm.Position, 6)

ComboBox20.Text = DataGrid17.Item(cm.Position, 7)

End Sub

Private Sub Button118_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button118.Click

TextBox72.Text = "" TextBox73.Text = "" TextBox57.Text = "" TextBox58.Text = "" TextBox74.Text = "" Label160.Text = "" Label161.Text = "" Dandp1.Clear() Label158.Text = 0 Label155.Text = 0 Label157.Text = "" Label154.Text = "" Label125.Text = "" Button116.Enabled = False End Sub

Private Sub Button117_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button117.Click

If connectrl = 1 Then

Dim ic As Integer

ic = MsgBox("Do You Want to Delete This Payment", MsgBoxStyle.YesNo, "DELETE")

If ic > 6 Then

Exit Sub

End If

pc.ConnectionString = connstr

Dim pdco As New SqlClient.SqlCommand

pdco.Connection = pc

cm = CType(Me.BindingContext(paymentdw), CurrencyManager)

pdco.CommandText = "delete from firmaccount where ([id]=" & _

DataGrid17.Item(cm.Position, 0) & ")"

Try

pc.Open()

pdco.ExecuteNonQuery()

Dim pymtco As New SqlClient.SqlCommand

Dim pymtda As New SqlClient.SqlDataAdapter

pymtco.Connection = pc

pymtco.CommandText = "select [id],[date],firmid,billno,recipientfirmid," & _
"recipientfirm,payment,moneyunit from firmaccount where(billno=" & 0 & _

"and firmid=" & TextBox72.Text & ")"

pymtda.SelectCommand = pymtco

Dandp1.payment.Clear()

pymtda.Fill(Dandp1.payment)

```
Dim pymtdr As DataRow
Label155.Text = 0
For Each pymtdr In Dandp1.payment.Rows
Label155.Text += pymtdr.Item("payment")
Next
Label161.Text = Label158.Text - Label155.Text
Label160.Text = Label154.Text
If Label161.Text < 0 Then
Label125.Text = "-"
```

Else

Label125.Text = "+"

End If

MsgBox("Payment Delete Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button53_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button53.Click
```

If connctrl = 1 Then

If TextBox57.Text = "" Then

MsgBox("Pelease Select A ReceipientFirm", MessageBoxIcon.Error) Exit Sub

End If

If TextBox72.Text = "" Then

MsgBox("Pelease Select A PaymentFirm", MessageBoxIcon.Error)

Exit Sub

End If

Dim dptco As New SqlClient.SqlCommand

Dim dptda As New SqlClient.SqlDataAdapter

Dim pymtco As New SqlClient.SqlCommand

Dim pymtda As New SqlClient.SqlDataAdapter

pc.ConnectionString = connstr

dptco.Connection = pc

pymtco.Connection = pc

dptco.CommandText = "select [id],[date],firmid,billno,recipientfirmid," & _ "recipientfirm,dept,moneyunit from firmaccount where(billno<>" & 0 & _ "and firmid=" & TextBox72.Text & "and recipientfirmid=" & TextBox57.Text

& ")"

pymtco.CommandText = "select [id],[date],firmid,billno,recipientfirmid," & _
"recipientfirm,payment,moneyunit from firmaccount where(billno=" & 0 & _
"and firmid=" & TextBox72.Text & "and recipientfirmid=" & TextBox57.Text

& ")"

dptda.SelectCommand = dptco pymtda.SelectCommand = pymtco Dandp1.depts.Clear() Dandp1.payment.Clear() dptda.Fill(Dandp1.depts) pymtda.Fill(Dandp1.payment) cm = CType(Me.BindingContext(deptsdw), CurrencyManager) Dim dptdr As DataRow Label158.Text = 0If cm.Count > 0 Then For Each dptdr In Dandp1.depts.Rows Label158.Text += dptdr.Item("dept") Next Label157.Text = dptdr.Item("moneyunit") End If cm = CType(Me.BindingContext(paymentdw), CurrencyManager) Dim pymtdr As DataRow

Label155.Text = 0

If cm.Count > 0 Then

For Each pymtdr In Dandp1.payment.Rows

Label155.Text += pymtdr.Item("payment")

Next

Label154.Text = pymtdr.Item("moneyunit")

End If

Label161.Text = Label158.Text - Label155.Text

```
Label160.Text = Label154.Text
```

If Label161.Text > 0 Then

Label125.Text = "+"

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button121_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button121.Click
```

```
If connctrl = 1 Then
```

If TextBox72.Text = "" Then

MsgBox("Pelease Select A PaymentFirm", MessageBoxIcon.Error) Exit Sub

End If

Dim dptda As New SqlClient.SqlDataAdapter

Dim pymtda As New SqlClient.SqlDataAdapter

pc.ConnectionString = connstr

finddeptbydate.Parameters("@firmid").Value = TextBox72.Text

finddeptbydate.Parameters("@date1").Value = DateTimePicker15.Value

finddeptbydate.Parameters("@date2").Value = DateTimePicker14.Value

findpaymentbydate.Parameters("@firmid").Value = TextBox72.Text

findpaymentbydate.Parameters("@date1").Value = DateTimePicker15.Value

findpaymentbydate.Parameters("@date2").Value = DateTimePicker14.Value dptda.SelectCommand = finddeptbydate pymtda.SelectCommand = findpaymentbydate Dandp1.depts.Clear() Dandp1.payment.Clear() dptda.Fill(Dandp1.depts) pymtda.Fill(Dandp1.payment) cm = CType(Me.BindingContext(deptsdw), CurrencyManager) Dim dptdr As DataRow Label158.Text = 0If cm.Count > 0 Then For Each dptdr In Dandp1.depts.Rows Label158.Text += dptdr.Item("dept") Next Label157.Text = dptdr.Item("moneyunit") End If cm = CType(Me.BindingContext(paymentdw), CurrencyManager) Dim pymtdr As DataRow Label155.Text = 0If cm.Count > 0 Then For Each pymtdr In Dandp1.payment.Rows Label155.Text += pymtdr.Item("payment") Next Label154.Text = pymtdr.Item("moneyunit") End If Label161.Text = Label158.Text - Label155.Text Label160.Text = Label154.Text If Label161.Text > 0 Then Label125.Text = "+" End If Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If End Sub

Private Sub LinkLabel17_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles LinkLabel17.LinkClicked

TabControl1.SelectedIndex = 0 End Sub

Private Sub Button52_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button52.Click wsellingbill.Table.Clear() sellingbill.Table.Clear() CheckBox4.Checked = False CheckBox5.Checked = False Label107.Text = 0Label104.Text = 0Label117.Text = 0Label 98. Text = 0Label101.Text = 0Label110.Text = 0Label 120.Text = 0Label113.Text = 0Label89.Text = 0Label123.Text = 0Label92.Text = 0Label 95. Text = 0DateTimePicker5.Value = Today DateTimePicker6.Value = Today

End Sub

Private Sub Button54_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button54.Click Dim fl1 As New Form11

```
f11.ShowDialog()
TextBox50.Text = personname
End Sub
```

```
Private Sub Button55_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button55.Click
Dim f6 As New Form6
f6.ShowDialog()
TextBox51.Text = firmname
End Sub
```

```
Private Sub CheckBox19_CheckedChanged(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles CheckBox19.CheckedChanged
If CheckBox19.Checked = True Then
TextBox52.Enabled = True
TextBox52.Focus()
Else
TextBox52.Enabled = False
TextBox52.Text = ""
```

```
Dim ototal As Double = 0
```

Dim odr As DataRow

For Each odr In Sbillitems1.wsellingbill.Rows

```
ototal = ototal + (Math.Round(odr.Item("price") * odr.Item("amount"), 2))
```

Next

Label84.Text = ototal

```
End If
```

```
End Sub
```

```
Private Sub TextBox52_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox52.TextChanged
If TextBox52.Text = "" Or Not IsNumeric(TextBox52.Text) Or
CheckBox19.Checked = False Then
Dim ototal As Double = 0
Dim odr As DataRow
```

For Each odr In Sbillitems1.wsellingbill.Rows

```
ototal = ototal + (Math.Round(odr.Item("price") * odr.Item("amount"), 2))
      Next
      Label 84.Text = ototal
      Exit Sub
    End If
    Dim total As Double = 0
    Dim taxcost As Double = 0
    Dim discountamount As Double
    Dim dr As DataRow
    For Each dr In Sbillitems1.wsellingbill.Rows
      total = total + (Math.Round(dr.Item("price") * dr.Item("amount"), 2))
      taxcost = taxcost + (Math.Round(dr.Item("taxcost") * dr.Item("amount"), 2))
    Next
    discountamount = ((Math.Round(total - taxcost, 2)) * (TextBox52.Text / 100))
    Label84.Text = (Math.Round(Math.Round(total - taxcost, 2) - discountamount, 2))
+ taxcost
```

End Sub

```
Private Sub Button102_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button102.Click
```

```
TabControl1.SelectedIndex = 1
```

End Sub

```
Private Sub Button105_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button105.Click
```

```
TabControl1.SelectedIndex = 2
End Sub
```

Private Sub Button108_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button108.Click

TabControl1.SelectedIndex = 3 End Sub Private Sub Button111_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button111.Click

TabControl1.SelectedIndex = 4

End Sub

```
Private Sub Button103_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button103.Click
```

TabControl1.SelectedIndex = 5 End Sub

```
Private Sub Button106_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button106.Click
```

TabControl1.SelectedIndex = 6

End Sub

Private Sub Button109_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button109.Click

TabControl1.SelectedIndex = 7

End Sub

Private Sub Button114_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button114.Click

TabControl1.SelectedIndex = 8

End Sub

Private Sub Button104_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button104.Click

TabControl1.SelectedIndex = 9 End Sub

```
Private Sub Button107_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button107.Click
TabControl1.SelectedIndex = 10
End Sub
```

Private Sub Button110_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button110.Click

TabControl1.SelectedIndex = 11

End Sub

Private Sub CCRadioButton1_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CCRadioButton1.CheckedChanged

If CCRadioButton1.Checked = True Then

Label133.Enabled = True DateTimePicker9.Enabled = True DateTimePicker10.Enabled = True CheckBox6.Enabled = True CheckBox7.Enabled = True CheckBox8.Enabled = False TextBox61.Enabled = False Button65.Enabled = False

End If

End Sub

Private Sub CheckBox6_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CheckBox6.CheckedChanged

If CheckBox6.Checked = True Then TextBox59.Enabled = True TextBox59.Focus() Label133.Enabled = False DateTimePicker9.Enabled = False DateTimePicker10.Enabled = False CheckBox7.Enabled = False CheckBox8.Enabled = False ElseIf CheckBox6.Checked = False Then TextBox59.Enabled = False Label133.Enabled = True DateTimePicker9.Enabled = True DateTimePicker10.Enabled = True CheckBox7.Enabled = True If CCRadioButton1.Checked = True Then CheckBox8.Enabled = False Else CheckBox8.Enabled = True End If End If

End Sub

```
Private Sub CheckBox7_CheckedChanged(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles CheckBox7.CheckedChanged
If CheckBox7.Checked = True Then
Button64.Enabled = True
Button64.Focus()
ElseIf CheckBox7.Checked = False Then
Button64.Enabled = False
End If
End Sub
```

```
Private Sub CheckBox8_CheckedChanged(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles CheckBox8.CheckedChanged
If CheckBox8.Checked = True Then
Button65.Enabled = True
Button65.Focus()
TextBox61.Focus()
ElseIf CheckBox8.Checked = False Then
```

Button65.Enabled = False

End If

End Sub

```
Private Sub CCRadioButton2_CheckedChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles CCRadioButton2.CheckedChanged
If CCRadioButton2.Checked = True Then
```

CheckBox8.Enabled = True End If End Sub

Private Sub Button62_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button62.Click
If $connectrl = 1$ Then
If CCRadioButton1.Checked = True Then
pc.ConnectionString = connstr
If CheckBox6.Checked = False And CheckBox7.Checked = False And
CheckBox8.Checked = False Then
Dim ds As New DataSet
Dim da As New SqlClient.SqlDataAdapter
findsbusedate.Parameters("@date1").Value = DateTimePicker9.Value
findsbusedate.Parameters("@date2").Value = DateTimePicker10.Value
da.SelectCommand = findsbusedate
da.Fill(ds, "fsb")
findbills.Table = ds.Tables("fsb")
cm = CType(Me.BindingContext(findbills), CurrencyManager)
If cm.Count - 1 < 0 Then
MsgBox("Bill Not Found Between This Dates", MessageBoxIcon.Error)
Exit Sub
End If
ElseIf CheckBox6.Checked = True And CheckBox7.Checked = False And
CheckBox8.Checked = False Then
Dim ds As New DataSet
Dim da As New SqlClient.SqlDataAdapter
Dim co As New SqlClient.SqlCommand
co.Connection = pc
co.CommandText = "select * from sellingbill where(billno=" &
TextBox59.Text & ")"
da.SelectCommand = co
da.Fill(ds, "fsb")
findbills.Table = ds.Tables("fsb")

```
cm = CType(Me.BindingContext(findbills), CurrencyManager)
           If cm.Count - 1 < 0 Then
             MsgBox("Bill Not Found", MessageBoxIcon.Error)
             Exit Sub
           End If
         ElseIf CheckBox6.Checked = False And CheckBox7.Checked = True And
CheckBox8.Checked = False Then
           Dim ds As New DataSet
           Dim da As New SqlClient.SqlDataAdapter
           findusingcashier.Parameters("@date1").Value = DateTimePicker9.Value
           findusingcashier.Parameters("@date2").Value = DateTimePicker10.Value
           findusingcashier.Parameters("@personid").Value = prsnid
           da.SelectCommand = findusingcashier
           da.Fill(ds, "fsb")
           findbills.Table = ds.Tables("fsb")
           cm = CType(Me.BindingContext(findbills), CurrencyManager)
           If cm.Count - 1 < 0 Then
             MsgBox("Bill Not Found", MessageBoxIcon.Error)
             Exit Sub
           End If
         End If
         Dim ico As New SqlClient.SqlCommand
         Dim ids As New DataSet
         Dim ida As New SqlClient.SqlDataAdapter
         ico.Connection = pc
         ico.CommandText = "select * from sbillitems where(billno=" & _
         DataGrid13.Item(cm.Position, 0) & ")"
         ida.SelectCommand = ico
         ida.Fill(ids, "sbi")
         findbillitems.Table = ids.Tables("sbi")
       ElseIf CCRadioButton2.Checked = True Then
         If CheckBox6.Checked = False And CheckBox7.Checked = False And
CheckBox8.Checked = False Then
```

Dim ds As New DataSet

Dim da As New SqlClient.SqlDataAdapter

findwsbusedate.Parameters("@date1").Value = DateTimePicker9.Value

findwsbusedate.Parameters("@date2").Value = DateTimePicker10.Value

da.SelectCommand = findwsbusedate

da.Fill(ds, "fsb")

findbills.Table = ds.Tables("fsb")

cm = CType(Me.BindingContext(findbills), CurrencyManager)

If cm.Count - 1 < 0 Then

MsgBox("Bill Not Found Between This Dates", MessageBoxIcon.Error) Exit Sub

End If

ElseIf CheckBox6.Checked = True And CheckBox7.Checked = False And

CheckBox8.Checked = False Then

Dim ds As New DataSet

Dim da As New SqlClient.SqlDataAdapter

Dim co As New SqlClient.SqlCommand

co.Connection = pc

co.CommandText = "select * from swholebill where(billno=" &

TextBox59.Text & ")"

da.SelectCommand = co

da.Fill(ds, "fsb")

findbills.Table = ds.Tables("fsb")

cm = CType(Me.BindingContext(findbills), CurrencyManager)

If cm.Count - 1 < 0 Then

MsgBox("Bill Not Found", MessageBoxIcon.Error)

Exit Sub

End If

ElseIf CheckBox6.Checked = False And CheckBox7.Checked = True And CheckBox8.Checked = False Then

Dim ds As New DataSet

Dim da As New SqlClient.SqlDataAdapter

findwsbusingcashier.Parameters("@date1").Value =

DateTimePicker9.Value

```
findwsbusingcashier.Parameters("@date2").Value =
DateTimePicker10.Value
           findwsbusingcashier.Parameters("@personid").Value = prsnid
           da.SelectCommand = findwsbusingcashier
           da.Fill(ds, "fsb")
           findbills.Table = ds.Tables("fsb")
           cm = CType(Me.BindingContext(findbills), CurrencyManager)
           If cm.Count - 1 < 0 Then
              MsgBox("Bill Not Found", MessageBoxIcon.Error)
              Exit Sub
           End If
         ElseIf CheckBox6.Checked = False And CheckBox7.Checked = False And
CheckBox8.Checked = True Then
           Dim ds As New DataSet
           Dim da As New SqlClient.SqlDataAdapter
            findwsusingfirm.Parameters("@date1").Value = DateTimePicker9.Value
            findwsusingfirm.Parameters("@date2").Value = DateTimePicker10.Value
            findwsusingfirm.Parameters("@firmid").Value = fid
            da.SelectCommand = findwsusingfirm
            da.Fill(ds, "fsb")
            findbills.Table = ds.Tables("fsb")
            cm = CType(Me.BindingContext(findbills), CurrencyManager)
            If cm.Count - 1 < 0 Then
              MsgBox("Bill Not Found", MessageBoxIcon.Error)
              Exit Sub
            End If
          ElseIf CheckBox6.Checked = False And CheckBox7.Checked = True And
 CheckBox8.Checked = True Then
            Dim ds As New DataSet
            Dim da As New SqlClient.SqlDataAdapter
```

findwsusingfirmandcashier.Parameters("@date1").Value =

DateTimePicker9.Value

findwsusingfirmandcashier.Parameters("@date2").Value =

DateTimePicker10.Value

findwsusingfirmandcashier.Parameters("@firmid").Value = fid findwsusingfirmandcashier.Parameters("@personid").Value = prsnid da.SelectCommand = findwsusingfirmandcashier da.Fill(ds, "fsb") findbills.Table = ds.Tables("fsb") cm = CType(Me.BindingContext(findbills), CurrencyManager) If cm.Count - 1 < 0 Then MsgBox("Bill Not Found", MessageBoxIcon.Error) Exit Sub End If End If Dim wico As New SqlClient.SqlCommand Dim wids As New DataSet Dim wida As New SqlClient.SqlDataAdapter wico.Connection = pcwico.CommandText = "select * from swholeitems where(billno=" & _ DataGrid13.Item(cm.Position, 0) & ")" wida.SelectCommand = wico wida.Fill(wids, "sbi") findbillitems.Table = wids.Tables("sbi") End If MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Else

Private Sub Button64_Click(ByVal sender As System.Object, ByVal e As System. EventArgs) Handles Button 64. Click

Dim f11 As New Form11

f11.ShowDialog()

TextBox60.Text = personname

End Sub

Private Sub Button65_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button65.Click Dim f6 As New Form6 f6.ShowDialog()

TextBox61.Text = firmname

End Sub

Private Sub DataGrid13_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid13.CurrentCellChanged

cm = CType(Me.BindingContext(findbills), CurrencyManager)

DataGrid13.Select(cm.Position)

pc.ConnectionString = connstr

If CCRadioButton1.Checked = True Then

If cm.Count - 1 > 0 Then

Dim co As New SqlClient.SqlCommand

Dim ds As New DataSet

Dim da As New SqlClient.SqlDataAdapter

co.Connection = pc

co.CommandText = "select * from sbillitems where(billno=" & _

DataGrid13.Item(cm.Position, 0) & ")"

da.SelectCommand = co

da.Fill(ds, "sbi")

findbillitems.Table = ds.Tables("sbi")

End If

ElseIf CCRadioButton2.Checked = True Then

If cm.Count - 1 > 0 Then

Dim co As New SqlClient.SqlCommand

Dim ds As New DataSet

Dim da As New SqlClient.SqlDataAdapter

co.Connection = pc

co.CommandText = "select * from swholeitems where(billno=" & _

DataGrid13.Item(cm.Position, 0) & ")"

da.SelectCommand = co

```
da.Fill(ds, "sbi")
findbillitems.Table = ds.Tables("sbi")
End If
End If
End Sub
```

```
Private Sub DataGrid14_CurrentCellChanged(ByVal sender As Object, ByVal e As
System.EventArgs) Handles DataGrid14.CurrentCellChanged
cm = CType(Me.BindingContext(findbillitems), CurrencyManager)
DataGrid14.Select(cm.Position)
End Sub
```

```
Private Sub Button63_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button63.Click
```

```
If connctrl = 1 Then
  pc.ConnectionString = connstr
  If CCRadioButton1.Checked = True Then
    'increase stock
    cm = CType(Me.BindingContext(findbillitems), CurrencyManager)
    cm.Position = 0
    Dim i As Integer = 0
    While (i \leq cm.Count - 1)
       Dim sco As New SqlClient.SqlCommand
       Dim stock As Double = 0
       sco.Connection = pc
       sco.CommandText = "select stock from products where (barcode=" & _
       DataGrid14.Item(cm.Position, 1) & ")"
       pc.Open()
       stock = sco.ExecuteScalar()
       stock = stock + DataGrid14.Item(cm.Position, 2)
       Dim co As New SqlClient.SqlCommand
       co.Connection = pc
       co.CommandText = "update products set stock=" & stock & _
       "where (barcode=" & DataGrid14.Item(cm.Position, 1) & ")"
```

```
co.ExecuteNonQuery()
```

pc.Close()

i += 1

cm.Position += 1

End While

'increase stok end

'set person account

Dim payment As Double = 0

cm = CType(Me.BindingContext(findbills), CurrencyManager)

```
selectpayment.Parameters("@personid").Value =
```

DataGrid13.Item(cm.Position, 2)

selectpayment.Parameters("@date").Value = DataGrid13.Item(cm.Position, 1)
selectpayment.Parameters("@moneyunit").Value =

DataGrid13.Item(cm.Position, 6)

pc.Open()

payment = selectpayment.ExecuteScalar()

pc.Close()

personaccountupdate.Parameters("@personid").Value =

```
DataGrid13.Item(cm.Position, 2)
```

personaccountupdate.Parameters("@date").Value =

DataGrid13.Item(cm.Position, 1)

personaccountupdate.Parameters("@moneyunit").Value =

DataGrid13.Item(cm.Position, 6)

personaccountupdate.Parameters("@payment").Value =

Math.Round(payment - DataGrid13.Item(cm.Position, 5), 2)

pc.Open()
personaccountupdate.ExecuteNonQuery()
pc.Close()
'end of set personaccount
'delete bill
Dim dco As New SqlClient.SqlCommand
dco.Connection = pc
dco.CommandText = "delete from sellingbill where(billno=" & _
DataGrid13.Item(cm.Position, 0) & ")"

pc.Open() dco.ExecuteNonQuery() pc.Close() 'end of delete bill MsgBox("Bill Canceled Sucessfully", MsgBoxStyle.Information) DateTimePicker9.Text = "" DateTimePicker10.Text = "" CheckBox6.Checked = False CheckBox7.Checked = False CheckBox8.Checked = False findbills.Table.Clear() findbillitems.Table.Clear() ElseIf CCRadioButton2.Checked = True Then 'increase stock cm = CType(Me.BindingContext(findbillitems), CurrencyManager) cm.Position = 0Dim i As Integer = 0While (i \leq cm.Count - 1) Dim sco As New SqlClient.SqlCommand Dim stock As Double = 0sco.Connection = pcsco.CommandText = "select stock from products where (barcode=" & _ DataGrid14.Item(cm.Position, 1) & ")" pc.Open() stock = sco.ExecuteScalar() stock = stock + DataGrid14.Item(cm.Position, 2) Dim co As New SqlClient.SqlCommand co.Connection = pcco.CommandText = "update products set stock=" & stock & _ "where (barcode=" & DataGrid14.Item(cm.Position, 1) & ")" co.ExecuteNonQuery() pc.Close() i += 1cm.Position += 1

End While

'increase stok end

'set person account

Dim payment As Double = 0

cm = CType(Me.BindingContext(findbills), CurrencyManager)

selectpayment.Parameters("@personid").Value =

DataGrid13.Item(cm.Position, 2)

selectpayment.Parameters("@date").Value = DataGrid13.Item(cm.Position, 1)
selectpayment.Parameters("@moneyunit").Value =

DataGrid13.Item(cm.Position, 8)

pc.Open()

payment = selectpayment.ExecuteScalar()

pc.Close()

personaccountupdate.Parameters("@personid").Value =

DataGrid13.Item(cm.Position, 2)

personaccountupdate.Parameters("@date").Value =

```
DataGrid13.Item(cm.Position, 1)
```

personaccountupdate.Parameters("@moneyunit").Value =

DataGrid13.Item(cm.Position, 8)

personaccountupdate.Parameters("@payment").Value =

Math.Round(payment - DataGrid13.Item(cm.Position, 7), 2)

pc.Open()

personaccountupdate.ExecuteNonQuery()

pc.Close()

'end of set personaccount

'set firm account

Dim sfco As New SqlClient.SqlCommand

sfco.Connection = pc

sfco.CommandText = "delete from firmaccount where (firmid=" & _

DataGrid13.Item(cm.Position, 4) & " and billno=" & _

DataGrid13.Item(cm.Position, 0) & ")"

pc.Open()

sfco.ExecuteNonQuery()

pc.Close()

'end of set firm account 'delete bill Dim dco As New SqlClient.SqlCommand dco.Connection = pcdco.CommandText = "delete from swholebill where(billno=" & _ DataGrid13.Item(cm.Position, 0) & ")" pc.Open() dco.ExecuteNonQuery() pc.Close() 'end of delete bill MsgBox("Bill Canceled Sucessfully", MsgBoxStyle.Information) DateTimePicker9.Text = "" DateTimePicker10.Text = "" CheckBox6.Checked = False CheckBox7.Checked = FalseCheckBox8.Checked = False findbills.Table.Clear() findbillitems.Table.Clear() End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button56_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button56.Click
Dim fl1 As New Form11
```

fl11.ShowDialog() TextBox53.Text = prsnid TextBox54.Text = personname End Sub Private Sub Button57_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button57.Click

If connctrl = 1 Then

If TextBox54.Text = "" Then

MsgBox("Please Select A Person", MsgBoxStyle.Information)

Exit Sub

End If

pc.ConnectionString = connstr

findsbusedate.Parameters("@date1").Value = DateTimePicker7.Value

findsbusedate.Parameters("@date2").Value = DateTimePicker8.Value

Dim da As New SqlClient.SqlDataAdapter

Dim ds As New DataSet

da.SelectCommand = findsbusedate

da.Fill(ds, "sb")

deptsbill.Table = ds.Tables("sb")

Dim i As Integer = 0

Dim total As Double = 0

cm = CType(Me.BindingContext(deptsbill), CurrencyManager)

```
If cm.Count > 0 Then
```

Label149.Text = 0

cm.Position = 0

While (i \leq cm.Count - 1)

total += DataGrid12.Item(cm.Position, 5)

cm.Position += 1

i += 1

End While

Label149.Text = total

Label150.Text = DataGrid12.Item(cm.Position, 6)

End If

findwsbusedate.Parameters("@date1").Value = DateTimePicker7.Value findwsbusedate.Parameters("@date2").Value = DateTimePicker8.Value da.SelectCommand = findwsbusedate da.Fill(ds, "wsb")

deptswbill.Table = ds.Tables("wsb")

```
cm = CType(Me.BindingContext(deptswbill), CurrencyManager)
If cm.Count > 0 Then
  Label152.Text = 0
  cm.Position = 0
  total = 0
  i = 0
  While (i \leq cm.Count - 1)
    total += DataGrid16.Item(cm.Position, 7)
     cm.Position += 1
    i += 1
  End While
  Label152.Text = total
  Label151.Text = DataGrid16.Item(cm.Position, 8)
End If
Label 130.Text = 0
Dim t1 As Double = Label149.Text
Dim t2 As Double = Label152.Text
Label130.Text = Math.Round(t1 + t2, 2)
If Label151.Text \Leftrightarrow "" Then
  Label131.Text = Label151.Text
Else
   Label131.Text = Label150.Text
End If
findcashierpayment.Parameters("@date1").Value = DateTimePicker7.Value
findcashierpayment.Parameters("@date2").Value = DateTimePicker8.Value
findcashierpayment.Parameters("@personid").Value = TextBox53.Text
da.SelectCommand = findcashierpayment
da.Fill(ds, "cp")
cashierpayment.Table = ds.Tables("cp")
cm = CType(Me.BindingContext(cashierpayment), CurrencyManager)
If cm.Count > 0 Then
   Label 170.Text = 0
   cm.Position = 0
   total = 0
```

```
i = 0
While (i <= cm.Count - 1)
total += DataGrid19.Item(cm.Position, 2)
cm.Position += 1
i += 1
End While
Label170.Text = total
Label169.Text = DataGrid19.Item(cm.Position, 3)</pre>
```

Label174.Text = 0 Dim bt1 As Double = Label130.Text Dim bt2 As Double = Label170.Text Label174.Text = Math.Round(bt1 - bt2, 2) Label173.Text = Label169.Text If Label174.Text > 0 Then Label175.Text = "+"

Else

Label175.Text = ""

End If

End If

Else

MsgBox("Connection Problem You Have To Connect To Server",

```
MessageBoxIcon.Error)
```

Me.Close()

End If

End Sub

Private Sub Button58_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button58.Click

```
If connectionString = connstr

If TextBox55.Text = "" Or Not IsNumeric(TextBox55.Text) Then

Exit Sub

End If
```
savecashierpayment.Parameters("@personid").Value = TextBox53.Text savecashierpayment.Parameters("@date").Value = Date.Today savecashierpayment.Parameters("@payment").Value = TextBox55.Text savecashierpayment.Parameters("@moneyunit").Value = ComboBox21.Text

Try

pc.Open()

savecashierpayment.ExecuteNonQuery()

MsgBox("Paid Sucessfuly", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

Dim da As New SqlClient.SqlDataAdapter

Dim ds As New DataSet

Dim i As Integer

```
findcashierpayment.Parameters("@date1").Value = DateTimePicker7.Value
findcashierpayment.Parameters("@date2").Value = DateTimePicker8.Value
findcashierpayment.Parameters("@personid").Value = TextBox53.Text
```

da.SelectCommand = findcashierpayment

da.Fill(ds, "cp")

cashierpayment.Table = ds.Tables("cp")

cm = CType(Me.BindingContext(cashierpayment), CurrencyManager)

If cm.Count > 0 Then

```
Label170.Text = 0
```

cm.Position = 0

```
total = 0
```

i = 0

```
While (i \leq cm.Count - 1)
```

total += DataGrid19.Item(cm.Position, 2)

cm.Position += 1

```
i += 1
```

```
End While
```

Label170.Text = total

Label169.Text = DataGrid19.Item(cm.Position, 3)

Label174.Text = 0 Dim bt1 As Double = Label130.Text Dim bt2 As Double = Label170.Text Label174.Text = Math.Round(bt1 - bt2, 2) Label173.Text = Label169.Text If Label174.Text > 0 Then Label175.Text = "+"

Else

Label175.Text = ""

End If

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button59_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button59.Click
```

```
If connctrl = 1 Then
```

Dim ic As Integer

ic = MsgBox("Do You Want to Delete Selected Payment",

MsgBoxStyle.YesNo, "DELETE")

If ic > 6 Then

Exit Sub

End If

pc.ConnectionString = connstr

cm = CType(Me.BindingContext(cashierpayment), CurrencyManager)

cashierpaymentdel.Parameters("@personid").Value =

```
DataGrid19.Item(cm.Position, 0)
```

cashierpaymentdel.Parameters("@date").Value = DataGrid19.Item(cm.Position,

1)

cashierpaymentdel.Parameters("@payment").Value =

DataGrid19.Item(cm.Position, 2)

cashierpaymentdel.Parameters("@moneyunit").Value =

DataGrid19.Item(cm.Position, 3)

Try

pc.Open()

cashierpaymentdel.ExecuteNonQuery()

MsgBox("Selected Payment Deleted Sucessfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

Dim da As New SqlClient.SqlDataAdapter

Dim ds As New DataSet

Dim i As Integer

find cashier payment. Parameters ("@date1"). Value = DateTimePicker7. Value

findcashierpayment.Parameters("@date2").Value = DateTimePicker8.Value

findcashierpayment.Parameters("@personid").Value = TextBox53.Text

da.SelectCommand = findcashierpayment

da.Fill(ds, "cp")

cashierpayment.Table = ds.Tables("cp")

cm = CType(Me.BindingContext(cashierpayment), CurrencyManager)

If cm.Count > 0 Then

```
Label170.Text = 0

cm.Position = 0

total = 0

i = 0

While (i <= cm.Count - 1)

total += DataGrid19.Item(cm.Position, 2)

cm.Position += 1

i += 1
```

End While Label170.Text = total Label169.Text = DataGrid19.Item(cm.Position, 3)

Label174.Text = 0 Dim bt1 As Double = Label130.Text Dim bt2 As Double = Label170.Text Label174.Text = Math.Round(bt1 - bt2, 2) Label173.Text = Label169.Text If Label174.Text > 0 Then Label175.Text = "+"

Else

Label175.Text = ""

End If

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button61_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button61.Click

If connctrl = 1 Then TextBox53.Text = "" TextBox54.Text = "" DateTimePicker7.Text = "" DateTimePicker8.Text = "" deptsbill.Table.Clear() deptswbill.Table.Clear() cashierpayment.Table.Clear() Label149.Text = 0 Label150.Text = ""

```
Label151.Text = ""
Label152.Text = 0
Label130.Text = 0
Label131.Text = ""
Label169.Text = ""
Label170.Text = 0
Label173.Text = ""
```

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button60_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button60.Click

```
DateTimePicker9.Text = ""
DateTimePicker10.Text = ""
CheckBox6.Checked = False
CheckBox7.Checked = False
CheckBox8.Checked = False
findbills.Table.Clear()
findbillitems.Table.Clear()
```

End Sub

Private Sub TabControl2_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TabControl2.SelectedIndexChanged If TabControl2.SelectedTab.Name = "TabPage12" Then Dim co As New SqlClient.SqlCommand Dim da As New SqlClient.SqlDataAdapter Dim ds As New DataSet co.Connection = pc pc.ConnectionString = connstr co.CommandText = "select unit from moneyunit" da.SelectCommand = co ds.Clear() ComboBox9.Items.Clear() da.Fill(ds, "mu") Dim dr As DataRow For Each dr In ds.Tables("mu").Rows ComboBox9.Items.Add(dr.Item("unit")) Next

Dim sco As New SqlClient.SqlCommand Dim sda As New SqlClient.SqlDataAdapter Dim sds As New DataSet sco.Connection = pc sco.CommandText = "select sex from sex" sda.SelectCommand = sco sds.Clear() ComboBox11.Items.Clear() sda.Fill(sds, "mu") Dim sdr As DataRow For Each sdr In sds.Tables("mu").Rows ComboBox11.Items.Add(sdr.Item("sex")) Next

Dim puco As New SqlClient.SqlCommand Dim puda As New SqlClient.SqlDataAdapter Dim puds As New DataSet puco.Connection = pc puco.CommandText = "select packageunit from packageunit" puda.SelectCommand = puco puds.Clear() ComboBox10.Items.Clear() puda.Fill(puds, "mu") Dim pudr As DataRow For Each pudr In puds.Tables("mu").Rows ComboBox10.Items.Add(pudr.Item("packageunit")) Next

Dim ptco As New SqlClient.SqlCommand Dim ptda As New SqlClient.SqlDataAdapter Dim ptds As New DataSet ptco.Connection = pc ptco.CommandText = "select packagetype from packagetype" ptda.SelectCommand = ptco ptds.Clear() ComboBox12.Items.Clear() ptda.Fill(ptds, "mu") Dim ptdr As DataRow For Each ptdr In ptds.Tables("mu").Rows ComboBox12.Items.Add(ptdr.Item("packagetype")) Next

Dim mco As New SqlClient.SqlCommand Dim mda As New SqlClient.SqlDataAdapter Dim mds As New DataSet mco.Connection = pc mco.CommandText = "select mark from mark" mda.SelectCommand = mco mds.Clear() ComboBox15.Items.Clear() mda.Fill(mds, "mu") Dim mdr As DataRow For Each mdr In mds.Tables("mu").Rows ComboBox15.Items.Add(mdr.Item("mark")) Next

Dim lco As New SqlClient.SqlCommand

Dim Ida As New SqlClient.SqlDataAdapter Dim Ids As New DataSet Ico.Connection = pc Ico.CommandText = "select location from location" Ida.SelectCommand = Ico Ids.Clear() ComboBox17.Items.Clear() Ida.Fill(Ids, "mu") Dim Idr As DataRow For Each Idr In Ids.Tables("mu").Rows ComboBox17.Items.Add(Idr.Item("location")) Next End If

If TabControl2.SelectedTab.Name = "TabPage14" Then Dim co As New SqlClient.SqlCommand Dim da As New SqlClient.SqlDataAdapter Dim ds As New DataSet co.Connection = pcpc.ConnectionString = connstr co.CommandText = "select statute from permissions" da.SelectCommand = cods.Clear() ComboBox18.Items.Clear() da.Fill(ds, "mu") Dim dr As DataRow For Each dr In ds. Tables("mu"). Rows ComboBox18.Items.Add(dr.Item("statute")) Next End If End Sub

Private Sub Button66_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button66.Click

If connctrl = 1 Then

Dim aco As New SqlClient.SqlCommand aco.Connection = pcpc.ConnectionString = connstr aco.CommandText = "insert moneyunit values ('" & TextBox62.Text & _ "',0); select * from moneyunit where([id]=@@IDENTITY)" pc.Open() aco.ExecuteNonQuery() MsgBox("Save Money Unit Sucessfully", MsgBoxStyle.Information) pc.Close() Dim co As New SqlClient.SqlCommand Dim da As New SqlClient.SqlDataAdapter Dim ds As New DataSet co.Connection = pcpc.ConnectionString = connstr co.CommandText = "select unit from moneyunit" da.SelectCommand = cods.Clear() ComboBox9.Items.Clear() da.Fill(ds, "mu") Dim dr As DataRow For Each dr In ds. Tables("mu"). Rows ComboBox9.Items.Add(dr.Item("unit")) Next Else MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button67_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button67.Click If connctrl = 1 Then Dim ic As Integer ic = MsgBox("Do You Want to Delete Selected Moneyunit", MsgBoxStyle.YesNo, "DELETE")

```
If ic > 6 Then
```

Exit Sub

End If

Dim dco As New SqlClient.SqlCommand

dco.Connection = pc

pc.ConnectionString = connstr

dco.CommandText = "delete from moneyunit where(unit like " &

ComboBox9.Text & "')"

pc.Open()

dco.ExecuteNonQuery()

pc.Close()

MsgBox("Selected Money Unit Deleted Sucessfully",

MsgBoxStyle.Information)

Dim co As New SqlClient.SqlCommand

Dim da As New SqlClient.SqlDataAdapter

Dim ds As New DataSet

co.Connection = pc

pc.ConnectionString = connstr

co.CommandText = "select unit from moneyunit"

da.SelectCommand = co

ds.Clear()

ComboBox9.Items.Clear()

da.Fill(ds, "mu")

Dim dr As DataRow

For Each dr In ds.Tables("mu").Rows

ComboBox9.Items.Add(dr.Item("unit"))

Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button125_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button125.Click

If connctrl = 1 Then

pc.ConnectionString = connstr

Dim ic As Integer

ic = MsgBox("Do You Want to Change Default Moneyunit",

MsgBoxStyle.YesNo, "CHANGE")

If ic > 6 Then

Exit Sub

End If

Dim id As Integer

Dim co As New SqlClient.SqlCommand

co.Connection = pc

co.CommandText = "select [id],[set] from moneyunit where(unit like " &

ComboBox9.Text & "")"

pc.Open()

id = co.ExecuteScalar() pc.Close() Dim od As Integer co.CommandText = "select [id] from moneyunit where([set]=1)" pc.Open() od = co.ExecuteScalar() pc.Close() co.CommandText = "update moneyunit set [set]=0 where ([id]=" & od & ")" pc.Open() co.ExecuteNonQuery() pc.Close() co.CommandText = "update moneyunit set [set]=1 where ([id]=" & id & ")" pc.Open() co.ExecuteNonQuery() pc.Close() MsgBox("Changed Default Moneyunit Sucessfully", MsgBoxStyle.Information) Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If

End Sub

Private Sub Button71_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button71.Click

If connetrl = 1 Then pc.ConnectionString = connstr Dim co As New SqlClient.SqlCommand co.Connection = pcco.CommandText = "insert sex values(" & TextBox64.Text & _ "'); select * from sex where([id]=@@IDENTITY)" pc.Open() co.ExecuteNonQuery() pc.Close() MsgBox("Save New Sex Sucessfully", MsgBoxStyle.Information) Dim sco As New SqlClient.SqlCommand Dim sda As New SqlClient.SqlDataAdapter Dim sds As New DataSet sco.Connection = pcsco.CommandText = "select sex from sex" sda.SelectCommand = sco sds.Clear() ComboBox11.Items.Clear() sda.Fill(sds, "mu") Dim sdr As DataRow For Each sdr In sds.Tables("mu").Rows ComboBox11.Items.Add(sdr.Item("sex")) Next

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

```
Me.Close()
End If
```

End Sub

Private Sub Button70_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button70.Click

If connctrl = 1 Then

Dim ic As Integer

ic = MsgBox("Do You Want to Delete Selected Sex", MsgBoxStyle.YesNo,

"DELETE")

If ic > 6 Then

Exit Sub

End If

Dim dco As New SqlClient.SqlCommand

dco.Connection = pc

pc.ConnectionString = connstr

dco.CommandText = "delete from sex where(sex like " & ComboBox11.Text &

")"

pc.Open()
dco.ExecuteNonQuery()
pc.Close()
MsgBox("Selected Sex Unit Deleted Sucessfully", MsgBoxStyle.Information)
Dim sco As New SqlClient.SqlCommand
Dim sda As New SqlClient.SqlDataAdapter
Dim sds As New DataSet
sco.Connection = pc
sco.CommandText = "select sex from sex"
sda.SelectCommand = sco
sds.Clear()
ComboBox11.Items.Clear()
sda.Fill(sds, "mu")
Dim sdr As DataRow

For Each sdr In sds.Tables("mu").Rows

ComboBox11.Items.Add(sdr.Item("sex"))

Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button69_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button69.Click If connctrl = 1 Then pc.ConnectionString = connstr Dim co As New SqlClient.SqlCommand co.Connection = pcco.CommandText = "insert packageunit values(" & TextBox63.Text & _ "'); select * from packageunit where([id]=@@IDENTITY)" pc.Open() co.ExecuteNonQuery() pc.Close() MsgBox("Save New Packageunit Sucessfully", MsgBoxStyle.Information) Dim puco As New SqlClient.SqlCommand Dim puda As New SqlClient.SqlDataAdapter Dim puds As New DataSet puco.Connection = pcpuco.CommandText = "select packageunit from packageunit" puda.SelectCommand = puco puds.Clear() ComboBox10.Items.Clear() puda.Fill(puds, "mu") Dim pudr As DataRow For Each pudr In puds.Tables("mu").Rows ComboBox10.Items.Add(pudr.Item("packageunit"))

Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button68_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button68.Click

If connctrl = 1 Then

Dim ic As Integer

ic = MsgBox("Do You Want to Delete Selected Packageunit",

MsgBoxStyle.YesNo, "DELETE")

If ic > 6 Then

Exit Sub

End If

Dim dco As New SqlClient.SqlCommand

dco.Connection = pc

pc.ConnectionString = connstr

dco.CommandText = "delete from packageunit where(packageunit like " &

ComboBox10.Text & "")"

pc.Open()

dco.ExecuteNonQuery()

pc.Close()

MsgBox("Selected Package Unit Deleted Sucessfully",

MsgBoxStyle.Information)

Dim puco As New SqlClient.SqlCommand

Dim puda As New SqlClient.SqlDataAdapter

Dim puds As New DataSet

puco.Connection = pc

puco.CommandText = "select packageunit from packageunit"

puda.SelectCommand = puco

puds.Clear()

ComboBox10.Items.Clear()

puda.Fill(puds, "mu")

Dim pudr As DataRow

For Each pudr In puds.Tables("mu").Rows

ComboBox10.Items.Add(pudr.Item("packageunit"))

Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button73_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button73.Click

If connectrl = 1 Then

pc.ConnectionString = connstr

Dim co As New SqlClient.SqlCommand

co.Connection = pc

co.CommandText = "insert packagetype values(" & TextBox65.Text & _

"'); select * from packagetype where([id]=@@IDENTITY)"

pc.Open()

co.ExecuteNonQuery()

pc.Close()

MsgBox("Save New Packagetype Sucessfully", MsgBoxStyle.Information)

Dim ptco As New SqlClient.SqlCommand

Dim ptda As New SqlClient.SqlDataAdapter

Dim ptds As New DataSet

ptco.Connection = pc

ptco.CommandText = "select packagetype from packagetype"

ptda.SelectCommand = ptco

ptds.Clear()

ComboBox12.Items.Clear()

ptda.Fill(ptds, "mu")

Dim ptdr As DataRow

For Each ptdr In ptds.Tables("mu").Rows

ComboBox12.Items.Add(ptdr.Item("packagetype"))

Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button72_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button72.Click

If connctrl = 1 Then

Dim ic As Integer

ic = MsgBox("Do You Want to Delete Selected Packagetype",

MsgBoxStyle.YesNo, "DELETE")

If ic > 6 Then

Exit Sub

End If

Dim dco As New SqlClient.SqlCommand

dco.Connection = pc

pc.ConnectionString = connstr

dco.CommandText = "delete from packagetype where(packagetype like " &

ComboBox12.Text & "')"

pc.Open()

dco.ExecuteNonQuery()

pc.Close()

MsgBox("Selected Package Type Deleted Sucessfully",

MsgBoxStyle.Information)

Dim ptco As New SqlClient.SqlCommand

Dim ptda As New SqlClient.SqlDataAdapter

Dim ptds As New DataSet

ptco.Connection = pc

ptco.CommandText = "select packagetype from packagetype" ptda.SelectCommand = ptco ptds.Clear() ComboBox12.Items.Clear() ptda.Fill(ptds, "mu") Dim ptdr As DataRow For Each ptdr In ptds.Tables("mu").Rows ComboBox12.Items.Add(ptdr.Item("packagetype")) Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If

End Sub

Private Sub Button75_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button75.Click

If connctrl = 1 Then pc.ConnectionString = connstr Dim co As New SqlClient.SqlCommand co.Connection = pc co.CommandText = "insert mark values(" & TextBox66.Text & _ "'); select * from mark where([id]=@@IDENTITY)" pc.Open() co.ExecuteNonQuery() pc.Close() MsgBox("Save New Mark Sucessfully", MsgBoxStyle.Information) Dim mco As New SqlClient.SqlCommand Dim mda As New SqlClient.SqlDataAdapter Dim mds As New DataSet mco.Connection = pcmco.CommandText = "select mark from mark" mda.SelectCommand = mco

mds.Clear() ComboBox15.Items.Clear() mda.Fill(mds, "mu") Dim mdr As DataRow For Each mdr In mds.Tables("mu").Rows ComboBox15.Items.Add(mdr.Item("mark")) Next Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button74_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button74.Click

If connctrl = 1 Then

Dim ic As Integer

ic = MsgBox("Do You Want to Delete Selected Mark", MsgBoxStyle.YesNo, "DELETE")

If ic > 6 Then

Exit Sub

End If

Dim dco As New SqlClient.SqlCommand

dco.Connection = pc

pc.ConnectionString = connstr

dco.CommandText = "delete from mark where(mark like " &

ComboBox15.Text & "")"

pc.Open()

dco.ExecuteNonQuery()

pc.Close()

MsgBox("Selected Mark Deleted Sucessfully", MsgBoxStyle.Information)

Dim mco As New SqlClient.SqlCommand

Dim mda As New SqlClient.SqlDataAdapter

Dim mds As New DataSet mco.Connection = pc mco.CommandText = "select mark from mark" mda.SelectCommand = mco mds.Clear() ComboBox15.Items.Clear() mda.Fill(mds, "mu") Dim mdr As DataRow For Each mdr In mds.Tables("mu").Rows ComboBox15.Items.Add(mdr.Item("mark")) Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button77_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button77.Click
```

```
If connecti = 1 Then

pc.ConnectionString = connstr

Dim co As New SqlClient.SqlCommand

co.Connection = pc

co.CommandText = "insert location values("" & TextBox11.Text & _

""); select * from location where([id]=@@IDENTITY)"

pc.Open()

co.ExecuteNonQuery()

pc.Close()

MsgBox("Save New Location Sucessfully", MsgBoxStyle.Information)

Dim lco As New SqlClient.SqlCommand

Dim lda As New SqlClient.SqlDataAdapter

Dim lds As New DataSet

lco.Connection = pc
```

lco.CommandText = "select location from location"
lda.SelectCommand = lco
lds.Clear()
ComboBox17.Items.Clear()
lda.Fill(lds, "mu")
Dim ldr As DataRow
For Each ldr In lds.Tables("mu").Rows
ComboBox17.Items.Add(ldr.Item("location"))
Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button76_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button76.Click

If connctrl = 1 Then

Dim ic As Integer

ic = MsgBox("Do You Want to Delete Selected Location",

MsgBoxStyle.YesNo, "DELETE")

```
If ic > 6 Then
```

Exit Sub

End If

Dim dco As New SqlClient.SqlCommand

dco.Connection = pc

pc.ConnectionString = connstr

dco.CommandText = "delete from location where(location like " &

ComboBox17.Text & "")"

pc.Open()

dco.ExecuteNonQuery()

pc.Close()

MsgBox("Selected location Deleted Sucessfully", MsgBoxStyle.Information)

Dim Ico As New SqlClient.SqlCommand Dim Ida As New SqlClient.SqlDataAdapter Dim Ids As New DataSet Ico.Connection = pc Ico.CommandText = "select location from location" Ida.SelectCommand = Ico Ids.Clear() ComboBox17.Items.Clear() Ida.Fill(Ids, "mu") Dim Idr As DataRow For Each Idr In Ids.Tables("mu").Rows ComboBox17.Items.Add(Idr.Item("location"))

Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button98_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button98.Click
```

```
If connctrl = 1 Then
```

Dim ic As Integer

ic = MsgBox("Do You Want to Change Cofficient of Selling Price Calculator", MsgBoxStyle.YesNo, "DELETE")

```
If ic <> 6 Then
Exit Sub
End If
If TextBox68.Text = "" Then
sellingpriceupdate.Parameters("@p1").Value = "-"
Else
sellingpriceupdate.Parameters("@p1").Value = TextBox68.Text
End If
```

```
If TextBox69.Text = "" Then
         sellingpriceupdate.Parameters("@p1a").Value = 0
       ElseIf TextBox68.Text = "%" Then
         sellingpriceupdate.Parameters("@pla").Value =
Math.Round((TextBox69.Text / 100) + 1, 2)
       ElseIf TextBox68.Text = "+" Then
         sellingpriceupdate.Parameters("@p1a").Value = TextBox69.Text
       End If
       If TextBox70.Text = "" Then
         sellingpriceupdate.Parameters("@p2").Value = "-"
       Else
         sellingpriceupdate.Parameters("@p2").Value = TextBox70.Text
       End If
       If TextBox71.Text = "" Then
         sellingpriceupdate.Parameters("@p2a").Value = 0
       ElseIf TextBox70.Text = "%" Then
          sellingpriceupdate.Parameters("@p2a").Value =
Math.Round((TextBox71.Text / 100) + 1, 2)
       ElseIf TextBox70.Text = "+" Then
          sellingpriceupdate.Parameters("@p2a").Value = TextBox71.Text
       End If
       pc.Open()
       sellingpriceupdate.ExecuteNonQuery()
       MsgBox("Set Selling Price sucessfully", MsgBoxStyle.Information)
       pc.Close()
     Else
        MsgBox("Connection Problem You Have To Connect To Server",
 MessageBoxIcon.Error)
        Me.Close()
     End If
```

End Sub

Private Sub ComboBox18_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ComboBox18.SelectedIndexChanged If connctrl = 1 Then

Dim co As New SqlClient.SqlCommand

Dim da As New SqlClient.SqlDataAdapter

Dim ds As New DataSet

co.Connection = pc

pc.ConnectionString = connstr

co.CommandText = "select * from permissions where(statute like " &

ComboBox18.Text & "")"

da.SelectCommand = co

ds.Clear()

da.Fill(ds, "mu")

Dim dr As DataRow

For Each dr In ds. Tables("mu"). Rows

If dr.Item("cregandest") = 1 Then

CheckBox9.Checked = True

Else

CheckBox9.Checked = False

End If

If dr.Item("fregandset") = 1 Then

CheckBox10.Checked = True

Else

CheckBox10.Checked = False

End If

If dr.Item("sconandset") = 1 Then

```
CheckBox11.Checked = True
```

Else

CheckBox11.Checked = False

End If

If dr.Item("entinvoice") = 1 Then

CheckBox12.Checked = True

Else

CheckBox12.Checked = False

End If

If dr.Item("casselling") = 1 Then

CheckBox14.Checked = True Else CheckBox14.Checked = False End If If dr.Item("caswselling") = 1 Then CheckBox15.Checked = True Else CheckBox15.Checked = False End If If dr.Item("cascanceling") = 1 Then CheckBox16.Checked = True Else CheckBox16.Checked = False End If If dr.Item("strongbox") = 1 Then CheckBox17.Checked = True Else CheckBox17.Checked = False End If If dr.Item("deptandpayment") = 1 Then CheckBox13.Checked = True Else CheckBox13.Checked = False End If If dr.Item("progset") = 1 Then CheckBox18.Checked = True Else CheckBox18.Checked = False End If If dr.Item("reports") = 1 Then CheckBox20.Checked = True Else CheckBox20.Checked = False End If

Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If

End Sub

Private Sub Button78_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button78.Click

```
If connctrl = 1 Then
```

pc.ConnectionString = connstr

If TextBox67.Text = "" Then

MsgBox("Enter A Statute Name", MsgBoxStyle.Information) Exit Sub

```
End If
```

savepermission.Parameters("@statute").Value = TextBox67.Text

```
If CheckBox9.Checked = True Then
```

savepermission.Parameters("@cregandest").Value = 1

```
ElseIf CheckBox9.Checked = False Then
```

savepermission.Parameters("@cregandest").Value = 0

End If

```
If CheckBox10.Checked = True Then
```

savepermission.Parameters("@fregandset").Value = 1

```
ElseIf CheckBox10.Checked = False Then
```

savepermission.Parameters("@fregandset").Value = 0

End If

If CheckBox11.Checked = True Then

savepermission.Parameters("@sconandset").Value = 1

ElseIf CheckBox11.Checked = False Then

savepermission.Parameters("@sconandset").Value = 0 End If

If CheckBox12.Checked = True Then

```
savepermission.Parameters("@entinvoice").Value = 1
ElseIf CheckBox12.Checked = False Then
  savepermission.Parameters("@entinvoice").Value = 0
End If
If CheckBox14.Checked = True Then
  savepermission.Parameters("@casselling").Value = 1
ElseIf CheckBox14.Checked = False Then
  savepermission.Parameters("@casselling").Value = 0
End If
If CheckBox15.Checked = True Then
  savepermission.Parameters("@caswselling").Value = 1
Elself CheckBox15.Checked = False Then
   savepermission.Parameters("@caswselling").Value = 0
End If
If CheckBox16.Checked = True Then
   savepermission.Parameters("@cascanceling").Value = 1
ElseIf CheckBox16.Checked = False Then
   savepermission.Parameters("@cascanceling").Value = 0
End If
If CheckBox17.Checked = True Then
   savepermission.Parameters("@strongbox").Value = 1
 ElseIf CheckBox17.Checked = False Then
   savepermission.Parameters("@strongbox").Value = 0
 End If
 If CheckBox13.Checked = True Then
   savepermission.Parameters("@deptandpayment").Value = 1
 ElseIf CheckBox13.Checked = False Then
   savepermission.Parameters("@deptandpayment").Value = 0
 End If
 If CheckBox18.Checked = True Then
   savepermission.Parameters("@progset").Value = 1
 ElseIf CheckBox18.Checked = False Then
    savepermission.Parameters("@progset").Value = 0
 End If
```

```
If CheckBox20.Checked = True Then
```

```
savepermission.Parameters("@reports").Value = 1
```

```
ElseIf CheckBox20.Checked = False Then
```

savepermission.Parameters("@reports").Value = 0

End If

Try

pc.Open()

savepermission.ExecuteNonQuery()

MsgBox("Save New Statute Sucessfully", MsgBoxStyle.Information)

Dim co As New SqlClient.SqlCommand

Dim da As New SqlClient.SqlDataAdapter

Dim ds As New DataSet

co.Connection = pc

co.CommandText = "select statute from permissions"

da.SelectCommand = co

ds.Clear()

ComboBox18.Items.Clear()

da.Fill(ds, "mu")

Dim dr As DataRow

For Each dr In ds.Tables("mu").Rows

ComboBox18.Items.Add(dr.Item("statute"))

Next

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button79_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button79.Click
    If connectrl = 1 Then
      pc.ConnectionString = connstr
      updatepermission.Parameters("@statute").Value = ComboBox18.Text
      If CheckBox9.Checked = True Then
         updatepermission.Parameters("@cregandest").Value = 1
       ElseIf CheckBox9.Checked = False Then
         updatepermission.Parameters("@cregandest").Value = 0
       End If
       If CheckBox10.Checked = True Then
         updatepermission.Parameters("@fregandset").Value = 1
       ElseIf CheckBox10.Checked = False Then
         updatepermission.Parameters("@fregandset").Value = 0
       End If
       If CheckBox11.Checked = True Then
         updatepermission.Parameters("@sconandset").Value = 1
       ElseIf CheckBox11.Checked = False Then
         updatepermission.Parameters("@sconandset").Value = 0
       End If
       If CheckBox12.Checked = True Then
         updatepermission.Parameters("@entinvoice").Value = 1
       Elself CheckBox12.Checked = False Then
         updatepermission.Parameters("@entinvoice").Value = 0
       End If
       If CheckBox14.Checked = True Then
         updatepermission.Parameters("@casselling").Value = 1
       ElseIf CheckBox14.Checked = False Then
         updatepermission.Parameters("@casselling").Value = 0
       End If
       If CheckBox15.Checked = True Then
         updatepermission.Parameters("@caswselling").Value = 1
       ElseIf CheckBox15.Checked = False Then
         updatepermission.Parameters("@caswselling").Value = 0
```

End If

```
If CheckBox16.Checked = True Then
  updatepermission.Parameters("@cascanceling").Value = 1
ElseIf CheckBox16.Checked = False Then
  updatepermission.Parameters("@cascanceling").Value = 0
End If
If CheckBox17. Checked = True Then
  updatepermission.Parameters("@strongbox").Value = 1
ElseIf CheckBox17.Checked = False Then
  updatepermission.Parameters("@strongbox").Value = 0
End If
If CheckBox13.Checked = True Then
  updatepermission.Parameters("@deptandpayment").Value = 1
ElseIf CheckBox13.Checked = False Then
  updatepermission.Parameters("(\hat{a})deptandpayment").Value = 0
End If
If CheckBox18.Checked = True Then
  updatepermission.Parameters("@progset").Value = 1
ElseIf CheckBox18.Checked = False Then
  updatepermission.Parameters("@progset").Value = 0
End If
If CheckBox20.Checked = True Then
  updatepermission.Parameters("@reports").Value = 1
ElseIf CheckBox20.Checked = False Then
  updatepermission.Parameters("@reports").Value = 0
End If
Try
  pc.Open()
  updatepermission.ExecuteNonQuery()
  MsgBox("Updated Statute Sucessfully", MsgBoxStyle.Information)
  Dim co As New SqlClient.SqlCommand
  Dim da As New SqlClient.SqlDataAdapter
  Dim ds As New DataSet
  co.Connection = pc
```

co.CommandText = "select statute from permissions"

da.SelectCommand = co

ds.Clear()

ComboBox18.Items.Clear()

da.Fill(ds, "mu")

Dim dr As DataRow

For Each dr In ds.Tables("mu").Rows

ComboBox18.Items.Add(dr.Item("statute"))

Next

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button80_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button80.Click
```

If connctrl = 1 Then

Dim ic As Integer

ic = MsgBox("Do You Want to Delete Selected Statute", MsgBoxStyle.YesNo,
"DELETE")

If ic > 6 Then

Exit Sub

End If

Dim dco As New SqlClient.SqlCommand

dco.Connection = pc

pc.ConnectionString = connstr

dco.CommandText = "delete from [permissions] where(statute like " & ComboBox18.Text & ")"

pc.Open()

dco.ExecuteNonQuery()

pc.Close()

MsgBox("Selected Statute Deleted Sucessfully", MsgBoxStyle.Information)

Dim co As New SqlClient.SqlCommand

Dim da As New SqlClient.SqlDataAdapter

Dim ds As New DataSet

co.Connection = pc

pc.ConnectionString = connstr

co.CommandText = "select statute from permissions"

da.SelectCommand = co

ds.Clear()

ComboBox18.Items.Clear()

da.Fill(ds, "mu")

Dim dr As DataRow

For Each dr In ds.Tables("mu").Rows

ComboBox18.Items.Add(dr.Item("statute"))

Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

End Class

Public Class Form5

Inherits System. Windows. Forms. Form

Dim cm As CurrencyManager

Dim dw As New DataView

Private Sub bs_RadioButton1_CheckedChanged(ByVal sender As System.Object,

ByVal e As System. EventArgs) Handles bs_RadioButton1. CheckedChanged

```
If bs_RadioButton1.Checked = True Then
    bs_TextBox1.Enabled = True
    bs_TextBox1.Focus()
Else
    bs_TextBox1.Enabled = False
    bs_TextBox1.Text = ""
```

End If

End Sub

```
Private Sub bs_RadioButton2_CheckedChanged(ByVal sender As System.Object,
```

ByVal e As System. EventArgs) Handles bs_RadioButton2. CheckedChanged

If bs RadioButton2.Checked = True Then

DateTimePicker1.Enabled = True

DateTimePicker2.Enabled = True

Else

DateTimePicker1.Enabled = False

DateTimePicker2.Enabled = False

End If

End Sub

```
Private Sub bs_Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles bs_Button1.Click
If connetrl = 1 Then
cm = CType(Me.BindingContext(dw), CurrencyManager)
Dim bsds As New DataSet
bsds.Clear()
If bs_RadioButton1.Checked = True Then
If Not IsNumeric(bs_TextBox1.Text) Then
MsgBox("Invalid Bill No", MessageBoxIcon.Error)
Exit Sub
End If
bsc.ConnectionString = connstr
bsda.Fill(bsds, "bs")
```

dw.Table = bsds.Tables("bs")

dw.RowFilter = "billno=" & bs_TextBox1.Text

bs DataGrid1.DataSource = dw

If cm.Position < 0 Then

MsgBox("Bill Not Found (Invalid Bill No)", MessageBoxIcon.Error) End If

ElseIf bs RadioButton2.Checked = True Then

If DateTimePicker1.Value > DateTimePicker2.Value Then

MsgBox("Starting Date Not Greater Then Finishing Date",

```
MessageBoxIcon.Error)
```

Exit Sub

End If

bsc.ConnectionString = connstr

bsda.Fill(bsds, "bs")

dw.Table = bsds.Tables("bs")

Dim s As Date = DateTimePicker1.Value

Dim f As Date = DateTimePicker2.Value

Dim strt As String = s.ToShortDateString

Dim fnsh As String = f.ToShortDateString

dw.RowFilter = "bdate>="" & strt & "" and bdate<="" & fnsh & """

bs DataGrid1.DataSource = dw

If cm.Position < 0 Then

MsgBox("Bill Not Found (Invalid Bill No)", MessageBoxIcon.Error)

End If

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub bs_DataGrid1_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles bs_DataGrid1.CurrentCellChanged

```
cm = CType(Me.BindingContext(dw), CurrencyManager)
bs_DataGrid1.Select(cm.Position)
End Sub
```

```
Private Sub bs_DataGrid1_DoubleClick(ByVal sender As Object, ByVal e As
System.EventArgs) Handles bs_DataGrid1.DoubleClick
```

cm = CType(Me.BindingContext(dw), CurrencyManager) billno = bs_DataGrid1.Item(cm.Position, 0) bdate = bs_DataGrid1.Item(cm.Position, 1) firmid = bs_DataGrid1.Item(cm.Position, 2) personid = bs_DataGrid1.Item(cm.Position, 3) totaltaxcost = bs_DataGrid1.Item(cm.Position, 4) total = bs_DataGrid1.Item(cm.Position, 5) moneyunit = bs_DataGrid1.Item(cm.Position, 6) discount = bs_DataGrid1.Item(cm.Position, 7) bsctrl = 1 Me.Close() End Sub

End Class

Public Class Form6

Inherits System.Windows.Forms.Form

Dim cm As CurrencyManager

Dim fsdv As New DataView

Private Sub fs_RadioButton1_CheckedChanged(ByVal sender As System.Object,

ByVal e As System. EventArgs) Handles fs_RadioButton1. CheckedChanged

If fs RadioButton1.Checked = True Then

TextBox1.Enabled = True

TextBox1.Focus()

ElseIf fs_RadioButton1.Checked = False Then

TextBox1.Enabled = False

TextBox1.Text = ""

End If

End Sub

```
Private Sub fs_RadioButton2_CheckedChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles fs_RadioButton2.CheckedChanged
If fs_RadioButton2.Checked = True Then
TextBox2.Enabled = True
TextBox2.Focus()
ElseIf fs_RadioButton2.Checked = False Then
TextBox2.Enabled = False
TextBox2.Text = ""
End If
End Sub
```

```
Private Sub fs_Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles fs_Button1.Click
    If connctrl = 1 Then
      Dim fsco As New SqlClient.SqlCommand
      Dim fsda As New SqlClient.SqlDataAdapter
      Dim fsds As New DataSet
      Dim fsc As New SqlClient.SqlConnection
      cm = CType(Me.BindingContext(fsdv), CurrencyManager)
       If fs RadioButton1.Checked = True Then
         If Not IsNumeric(TextBox1.Text) Then
           MsgBox("Invalid Firm ID", MessageBoxIcon.Error)
           Exit Sub
         End If
         fsc.ConnectionString = connstr
         fsco.Connection = fsc
         fsco.CommandText = "select * from firmdat"
         fsda.SelectCommand = fsco
```

fsds.Clear()

fsda.Fill(fsds, "fs")

fsdv.Table = fsds.Tables("fs")

fs DataGrid1.DataSource = fsdv

fsdv.RowFilter = "id=" & TextBox1.Text
If cm.Position < 0 Then

MsgBox("Firm Not Found (Invalid Firm No)", MessageBoxIcon.Error) TextBox1.Focus()

End If

ElseIf fs RadioButton2.Checked = True Then

fsc.ConnectionString = connstr

fsco.Connection = fsc

fsco.CommandText = "select * from firmdat where(name like " &

TextBox2.Text & "%')"

fsda.SelectCommand = fsco

fsds.Clear()

fsda.Fill(fsds, "fs")

fsdv.Table = fsds.Tables("fs")

fs_DataGrid1.DataSource = fsdv

If cm.Position < 0 Then

MsgBox("Firm(s) Not Found At This Name", MessageBoxIcon.Error) TextBox2.Focus()

End If

End If

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub fs_DataGrid1_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles fs_DataGrid1.CurrentCellChanged

cm = CType(Me.BindingContext(fsdv), CurrencyManager)

fs_DataGrid1.Select(cm.Position)

End Sub

Private Sub fs_DataGrid1_DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles fs_DataGrid1.DoubleClick

```
fid = fs_DataGrid1.Item(cm.Position, 0)
firmname = fs_DataGrid1.Item(cm.Position, 1)
Me.Close()
End Sub
```

```
Private Sub fs_MenuItem1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles fs_MenuItem1.Click
fid = fs_DataGrid1.Item(cm.Position, 0)
firmname = fs_DataGrid1.Item(cm.Position, 1)
Me.Close()
End Sub
```

End Class

Public Class Form7

Inherits System. Windows. Forms. Form

Dim cm As CurrencyManager

Dim psdv As New DataView

Private Sub ps RadioButton1_CheckedChanged(ByVal sender As System.Object,

ByVal e As System.EventArgs) Handles ps_RadioButton1.CheckedChanged

If ps RadioButton1.Checked = True Then

TextBox1.Enabled = True

TextBox1.Focus()

Elself ps RadioButton1.Checked = False Then

TextBox1.Enabled = False

TextBox1.Text = ""

End If

End Sub

```
Private Sub ps_RadioButton2_CheckedChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ps_RadioButton2.CheckedChanged
```

If ps RadioButton2.Checked = True Then

TextBox2.Enabled = True

TextBox2.Focus()

ElseIf ps_RadioButton2.Checked = False Then

```
TextBox2.Enabled = False
TextBox2.Text = ""
End If
End Sub
```

```
Private Sub ps_Button1_Click(ByVal sender As System.Object, ByVal e As
System. EventArgs) Handles ps Button1. Click
    If connctrl = 1 Then
      Dim psda As New SqlClient.SqlDataAdapter
      Dim psds As New DataSet
      cm = CType(Me.BindingContext(psdv), CurrencyManager)
      If ps RadioButton1.Checked = True Then
         If Not IsNumeric(TextBox1.Text) Then
           MsgBox("Invalid Barcode", MessageBoxIcon.Error)
           Exit Sub
         End If
         SqlConnection1.ConnectionString = connstr
         searchproduct.Parameters("@barcode").Value = TextBox1.Text
         psda.SelectCommand = searchproduct
         psds.Clear()
         psda.Fill(psds, "ps")
         psdv.Table = psds.Tables("ps")
         ps DataGrid1.DataSource = psdv
         If cm.Position < 0 Then
           MsgBox("Product Not Found (Invalid Barcode)", MessageBoxIcon.Error)
           TextBox1.Focus()
         End If
       ElseIf ps RadioButton2.Checked = True Then
         SqlConnection1.ConnectionString = connstr
         searchproducttype.Parameters("@producttype").Value = TextBox2.Text &
"%"
         psda.SelectCommand = searchproducttype
         psds.Clear()
```

```
psda.Fill(psds, "ps")
```

psdv.Table = psds.Tables("ps")

ps DataGrid1.DataSource = psdv

If cm.Position < 0 Then

MsgBox("Firm Not Found (Invalid Firm No)", MessageBoxIcon.Error)

TextBox2.Focus()

End If

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub ps_DataGrid1_CurrentCellChanged(ByVal sender As Object, ByVal e
As System.EventArgs) Handles ps_DataGrid1.CurrentCellChanged
```

cm = CType(Me.BindingContext(psdv), CurrencyManager)

ps_DataGrid1.Select(cm.Position)

End Sub

Private Sub ps_DataGrid1_DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles ps_DataGrid1.DoubleClick barcode = ps_DataGrid1.Item(cm.Position, 0) producttype = ps_DataGrid1.Item(cm.Position, 1) mark = ps_DataGrid1.Item(cm.Position, 2) packageamount = ps_DataGrid1.Item(cm.Position, 3) packageunit = ps_DataGrid1.Item(cm.Position, 4) packagetype = ps_DataGrid1.Item(cm.Position, 5) tax = ps_DataGrid1.Item(cm.Position, 6) sellingprice = ps_DataGrid1.Item(cm.Position, 7) moneyunit = ps_DataGrid1.Item(cm.Position, 8) taxcost = ps_DataGrid1.Item(cm.Position, 9) stock = ps_DataGrid1.Item(cm.Position, 11) startingdate = ps_DataGrid1.Item(cm.Position, 12)

```
finishingdate = ps_DataGrid1.Item(cm.Position, 13)
notes = ps_DataGrid1.Item(cm.Position, 14)
campaignprice = ps_DataGrid1.Item(cm.Position, 15)
cmoneyunit = ps_DataGrid1.Item(cm.Position, 16)
spctrl = 1
Me.Close()
End Sub
```

```
Private Sub ps_MenuItem1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ps_MenuItem1.Click
```

barcode = ps DataGrid1.Item(cm.Position, 0) producttype = ps DataGrid1.Item(cm.Position, 1) mark = ps DataGrid1.Item(cm.Position, 2) packageamount = ps DataGrid1.Item(cm.Position, 3) packageunit = ps DataGrid1.Item(cm.Position, 4) packagetype = ps DataGrid1.Item(cm.Position, 5) tax = ps DataGrid1.Item(cm.Position, 6) sellingprice = ps DataGrid1.Item(cm.Position, 7) moneyunit = ps DataGrid1.Item(cm.Position, 8) taxcost = ps DataGrid1.Item(cm.Position, 9) stock = ps DataGrid1.Item(cm.Position, 11) startingdate = ps DataGrid1.Item(cm.Position, 12) finishingdate = ps DataGrid1.Item(cm.Position, 13) notes = ps DataGrid1.Item(cm.Position, 14) campaignprice = ps DataGrid1.Item(cm.Position, 15) cmoneyunit = ps DataGrid1.Item(cm.Position, 16) spctrl = 1Me.Close() End Sub

End Class

Public Class Form8 Inherits System.Windows.Forms.Form Private Sub Form8_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

ca_Label3.Text = csbilltotal ca_Label6.Text = cstaxtotal ca_Label4.Text = csmoneyunit ca_Label7.Text = csmoneyunit Label1.Text = csmoneyunit Label3.Text = csmoneyunit

End Sub

```
Private Sub ca_Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ca_Button2.Click
```

```
csctrl = 1
csrepayment = Label2.Text
Me.Close()
End Sub
```

Private Sub ca_Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ca_Button1.Click

```
csctrl = 0
Me.Close()
End Sub
```

```
Private Sub TextBox1_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox1.TextChanged
If TextBox1.Text \Leftrightarrow "" And IsNumeric(TextBox1.Text) Then
Label2.Text = TextBox1.Text - ca_Label3.Text
End If
If TextBox1.Text = "" Then
Label2.Text = 0
End If
End Sub
End Class
```

Public Class Form9

Inherits System.Windows.Forms.Form Private Sub Form9_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load cc_Label2.Text = csbilltotal cc_Label5.Text = cstaxtotal cc_Label3.Text = csmoneyunit cc_Label6.Text = csmoneyunit

End Sub

Private Sub ca_Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ca_Button2.Click

```
csctrl = 1
csrepayment = 0
If TextBox1.Text = "" Then
cscardno = "-"
Else
cscardno = TextBox1.Text
End If
Me.Close()
End Sub
```

Private Sub ca_Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ca_Button1.Click

csctrl = 0 Me.Close()

End Sub

End Class

Public Class Form10

Inherits System. Windows. Forms. Form

Private Sub Form10_Load(ByVal sender As System.Object, ByVal e As

System.EventArgs) Handles MyBase.Load

cac_Label2.Text = csbilltotal cac_Label5.Text = cstaxtotal cac_Label3.Text = csmoneyunit cac_Label6.Text = csmoneyunit Label1.Text = csmoneyunit Label3.Text = csmoneyunit Label4.Text = csmoneyunit Label6.Text = csmoneyunit

```
Private Sub TextBox3_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox3.TextChanged
```

If cac_Label2.Text <= TextBox3.Text And Label5.Text = "" Then

TextBox3.Text = ""

End If

If TextBox2.Text \diamond "" And IsNumeric(TextBox2.Text) And TextBox3.Text \diamond "" Then

```
Label2.Text = Math.Round(TextBox3.Text - Label5.Text, 2)

ElseIf TextBox3.Text < "" And IsNumeric(TextBox3.Text) Then

Label5.Text = Math.Round(cac_Label2.Text - TextBox3.Text, 2)

ElseIf TextBox2.Text = "" And TextBox3.Text = "" Then

Label5.Text = ""

ElseIf TextBox2.Text < "" And TextBox3.Text = "" Then

Label2.Text = 0

End If

If TextBox3.Text = "" Then

Label2.Text = 0

End If
```

End Sub

Private Sub TextBox2_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox2.TextChanged If TextBox2.Text > "" And IsNumeric(TextBox2.Text) Then

Label5.Text = Math.Round(cac_Label2.Text - TextBox2.Text, 2)

```
ElseIf TextBox2.Text = "" And TextBox3.Text = "" Then
Label5.Text = ""
End If
End Sub
```

```
Private Sub ca_Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ca_Button1.Click
```

```
csctrl = 0
Me.Close()
End Sub
```

```
Private Sub ca_Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ca_Button2.Click
```

```
csctrl = 1
```

csrepayment = Label2.Text

If TextBox1.Text = "" Then

cscardno = "-"

Else

cscardno = TextBox1.Text

End If

```
If TextBox2.Text = "" And TextBox3.Text \Leftrightarrow "" Then
```

cscashamount = TextBox3.Text

cscardamount = Math.Round(cac_Label2.Text - TextBox3.Text, 2)

```
ElseIf TextBox2.Text <> "" And TextBox3.Text = "" Then
```

cscardamount = TextBox2.Text

cscashamount = Math.Round(cac_Label2.Text - TextBox2.Text, 2)

```
ElseIf TextBox2.Text = "" And TextBox3.Text = "" Then
```

MsgBox("Enter Cash Payment or Credit Card Amount",

MessageBoxIcon.Error)

Exit Sub

Else

```
cscashamount = Math.Round(TextBox2.Text - Label2.Text, 2)
```

cscardamount = TextBox2.Text

End If

Me.Close()

End Sub End Class

Public Class Form11

Inherits System. Windows. Forms. Form

Dim cm As CurrencyManager

Dim fsdv As New DataView

Private Sub psRadioButton1_CheckedChanged(ByVal sender As System.Object,

ByVal e As System. EventArgs) Handles psRadioButton1. CheckedChanged

If psRadioButton1.Checked = True Then

psTextBox1.Enabled = True

psTextBox2.Enabled = False

Else

psTextBox1.Enabled = False

```
psTextBox2.Enabled = True
```

End If

End Sub

Private Sub psButton1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles psButton1.Click

```
If connctrl = 1 Then
```

If psRadioButton1.Checked = True Then

Dim co As New SqlClient.SqlCommand

Dim da As New SqlClient.SqlDataAdapter

Dim c As New SqlClient.SqlConnection

Dim ds As New DataSet

c.ConnectionString = connstr

co.Connection = c

co.CommandText = "select * from persondat where (id=" & psTextBox1.Text

& ")"

da.SelectCommand = co
da.Fill(ds, "ps")
psDataGrid1.DataSource = fsdv

fsdv.Table = ds.Tables("ps")

ElseIf psRadioButton2.Checked = True Then

Dim co As New SqlClient.SqlCommand

Dim da As New SqlClient.SqlDataAdapter

Dim c As New SqlClient.SqlConnection

Dim ds As New DataSet

c.ConnectionString = connstr

co.Connection = c

co.CommandText = "select * from persondat where (name like " &

```
psTextBox2.Text & "%')"
```

da.SelectCommand = co

da.Fill(ds, "ps")

psDataGrid1.DataSource = fsdv

fsdv.Table = ds.Tables("ps")

End If

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub psRadioButton2_CheckedChanged(ByVal sender As System.Object,

ByVal e As System.EventArgs) Handles psRadioButton2.CheckedChanged

If psRadioButton2.Checked = True Then

psTextBox1.Enabled = False

psTextBox2.Enabled = True

Else

psTextBox1.Enabled = True psTextBox2.Enabled = False End If

. . . .

End Sub

Private Sub psDataGrid1_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles psDataGrid1.CurrentCellChanged

```
cm = CType(Me.BindingContext(fsdv), CurrencyManager)
```

psDataGrid1.Select(cm.Position)

End Sub

Private Sub psDataGrid1_DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles psDataGrid1.DoubleClick

```
cm = CType(Me.BindingContext(fsdv), CurrencyManager)
```

prsnid = psDataGrid1.Item(cm.Position, 0)

personname = psDataGrid1.Item(cm.Position, 1)

Me.Close()

End Sub

Private Sub MenuItem1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem1.Click

cm = CType(Me.BindingContext(fsdv), CurrencyManager)

```
prsnid = psDataGrid1.Item(cm.Position, 0)
```

personname = psDataGrid1.Item(cm.Position, 1)

Me.Close()

End Sub

End Class

Appendix SQL Server

create procedure sbilladd

(

@bdate datetime,
@personid int,
@personname text,
@totaltaxcost float,
@total float,
@moneyunit text,
@paymenttype text,
@cashamount float,
@kkartamount float
)
as
insert into sellingbill(bdate, personid, personname, totaltaxcost,total, moneyunit, paymenttype, cashamount, kkartamount) values

moneyunit, paymenttype, cashamount, kkartamount) values (@bdate, @personid, @personname, @totaltaxcost, @total, @moneyunit, @paymenttype, @cashamount, @kkartamount); select billno from sellingbill where(billno=@@identity) go

create procedure productadd

```
(
```

@barcode int,@producttype text,@mark text,@packageamount float,

@packageunit text,
@packagetype text,
@tax float,
@sellingprice money,
@moneyunit text,
@taxcost float,
@location text,
@stock float

)

as

insert into

products(barcode,producttype,mark,packageamount,packageunit,packagetype,tax,sellin gprice,

moneyunit,taxcost,location,stock)values

(@barcode,@producttype,@mark,@packageamount,@packageunit,@packagetype,@ta x,@sellingprice,

@moneyunit,@taxcost,@location,@stock);

go

(

create procedure campaigndel

@barcode bigint

) as delete from campaigns where(barcode=@barcode) go

create procedure campaignupdate

(@startingdate datetime,
@finishingdate datetime,
@notes text,

```
@campaignprice money,
@moneyunit text,
(a)id int
)
as
update campaigns set
startingdate=@startingdate,
finishingdate=@finishingdate,
notes=@notes,
campaignprice=@campaignprice,
moneyunit=@moneyunit
where([id]=@id)
```

go

```
create procedure barcodesrch
```

```
(a) barcode bigint
```

```
)
```

(

as

products.barcode, products.producttype, products.mark, SELECT

```
products.packageamount, products.packageunit, products.packagetype, products.tax,
             products.sellingprice, products.moneyunit,products.taxcost,
```

products.location, products.stock, campaigns.startingdate, campaigns.finishingdate,

```
campaigns.notes, campaigns.campaignprice, campaigns.moneyunit AS
cmoneyunit
```

products INNER JOIN FROM

```
campaigns ON products.barcode = campaigns.barcode
```

where (products.barcode=@barcode)

go

create procedure typesrch

(@producttype text)

as

SELECT products.barcode, products.producttype, products.mark,

 $products. package amount, \ products. package unit, \ products. package type, \ products. tax,$

products.sellingprice, products.moneyunit,products.taxcost,

products.location, products.stock, campaigns.startingdate, campaigns.finishingdate,

campaigns.notes, campaigns.campaignprice, campaigns.moneyunit AS

FROM products INNER JOIN

campaigns ON products.barcode = campaigns.barcode where (products.producttype like @producttype)

go

(

create procedure prdctdel (@barcode bigint) as delete from products where (barcode=@barcode) select campaignid from products go

create procedure productupdate

@producttype text,
@mark text,
@packageamount float,
@packageunit text,
@packagetype text,
@tax float,
@sellingprice money,
@moneyunit text,
@taxcost float,
@stock float,

@location text,
@barcode bigint
)
as
update products set
producttype=@producttype,
mark=@mark,
packageamount=@packageamount,
packageunit =@packageunit,
packagetype=@packagetype,
tax=@tax,
sellingprice=@sellingprice,

moneyunit=@moneyunit, taxcost=@taxcost, stock=@stock, location=@location where(barcode=@barcode) go

create procedure buyingbillupdate (@billno bigint, @bdate datetime, @firmid int, @personid int, @totaltaxcost float, @total float, @total float, @discount float) as update buyingbill set bdate=@bdate, firmid=@firmid,

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```
personid=@personid,
totaltaxcost=@totaltaxcost,
total=@total,
moneyunit=@moneyunit,
discount=@discount
where(billno=@billno)
go
```

create procedure bbitemsupdate (@billno bigint, @barcode bigint, @amount float, @tax float, @price float, @moneyunit text, @taxcost float) as update bbitems set barcode=@barcode, amount=@amount, tax=@tax, price=@price, moneyunit=@moneyunit, taxcost=@taxcost where(billno=@billno)

go

create procedure firmsadd (@name text, @address text, @phone1 text,

```
@phone2 text,
@fax1 text,
@fax2 text,
@email text,
@webpage text
)
as
insert into firmdat([name],address,phone1,phone2,fax1,fax2,email,webpage)values
(@name,@address,@phone1,@phone2,@fax1,@fax2,@email,@webpage);
select * from firmdat
where([id]=@@IDENTITY)
go
```

create procedure firmupdate

(@id int, @name text, @address text, @phone1 text, @phone2 text, @fax1 text, @fax2 text, @email text, @webpage text) as update firmdat set [name]=@name, address=@address, phone1=@phone1, phone2=@phone2, fax1=@fax1,fax2=@fax2, email=@email,

```
webpage=@webpage
where([id]=@id)
go
```

create procedure selectbillitems

(

@billno bigint

)

as

SELECT bbitems.billno, bbitems.barcode, products.products.products.mark, products.packageamount, products.packageunit, products.packagetype,

bbitems.amount, bbitems.tax, bbitems.price, bbitems.taxcost

FROM bbitems INNER JOIN

products ON bbitems.barcode = products.barcode

```
where(bbitems.billno=@billno)
```

go

create procedure bbilladd

```
(
@billno bigint,
@bdate datetime,
@firmid int,
@personid int,
@totaltaxcost float,
@total float,
@moneyunit text,
@discount float
)
as
insert into
```

buyingbill(billno,bdate,firmid,personid,totaltaxcost,total,moneyunit,discount)values (@billno,@bdate,@firmid,@personid,@totaltaxcost,@total,@moneyunit,@discount);

go

NEAR EAST UNIVERSITY

Faculty of Engineering

Department of Computer Engineering

SUPERMARKET DELIVERY AUTOMATION SYSTEM

Graduation Project COM – 400

Student:

Eren Erdoğan

Supervisor:

Ümit Soyer

Nicosia - 2008

ACKNOWLEDGEMENTS

First, I would like to thank my supervisor Ümit Soyer for his invaluable advice and belief in my work and my self over the course of the graduation Project.

Second, I like to express my gratitude to Near East University for scholarship that made the work possible.

Third, 1 thank my family for their constant encouragment and support during the preparation of this project.

Finnally, I would also like to thank all my friends for their advice and support.

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ABSTRACT

The aim of this Project is to record the stocks of products, makes sale and purchase, record accounts of firms, makes accounting, briefly this project manages the supermarket automation. The program was prepared by using microsoft visual basic.Net in microsoft visual studio.NET 2003 programming and using SQL server 2000 as database.

This project consist of many different pages but most of them depended each other Initially, connection to database form comes to screen. Afterwards the sign in form and then main form of Properties Company comes to screen. Home page in main menu guides you to see the other menus.

This program is practical and useful in the supermarkets. It can be modified with the new developments and requirements of people in the technology in future. The program must be clear and easy to learn for users, hence it can be acceptable widely.

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LIST OF ABBREVIATIONS

VB.NET	Visual Basic.NET
SQL	Structured Query Language
OOP	Object Oriented Programing
SDACS	Spermarket Delivery automatin system
GUI	Graphical User Interface
API	Application Programing Interface
VSAM	Virtual Storage Access Method
ANSI	American National Standart Institute

INTRODUCTION

Visual Basic.NET is a Microsoft-created object-oriented programming language which incorporates features of Microsoft's .NET Framework and Web Services, such as SOAP, which were originally developed using XML.

Visual Basic.NET uses punctuation in its basic syntax to make the program easily readable and to help the compiler sort the code. The main reason for this is so that any programmer can read your code and easily understand what you are doing, because they write their code like you write yours.

The project consist of the introduction, abstract, four chapters ,conclusion.

- Chapter one describes Basic Concept of Visual Basic.NET
- Chapter two describes the SQL server 2000.
- Chapter three explain Supermarket Delivery Automation Control System by Using Visual Basic.NET.

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• Cheapter four explain sql tables and stored procedure.

CHAPTER ONE: MICROSOFT VUSUAL BASIC.NET IN MICROSOFT VISUAL STUDIO.NET 2003

1.1. Description Of Visual Basic.NET

VB .NET is a version of Microsoft's Visual Basic that was designed, as part of the company's .NET product group, to make Web services applications easier to develop. According to Microsoft, VB .NET was reengineered, rather than released as VB 6.0 with added features, to facilitate making fundamental changes to the language. VB.NET is the first fully object-oriented programming (OOP) version of Visual Basic, and as such, supports OOP concepts such as abstraction, inheritance, polymorphism, and aggregation.

Visual Basic.NET is a Microsoft-created object-oriented programming language which incorporates features of Microsoft's .NET Framework and Web Services, such as SOAP, which were originally developed using XML.

Visual Basic.NET, which thought would be a "sequel" to Visual Basic 6.0, has a totally different language core. There is no backward nor forward compatibility between Visual Basic 6.0 projects and code and Visual Basic.NET projects and code. Visual Basic.NET is a language designed to create .NET applications, Windows or Web applications, and Web Services. (Except for short Windows applications, these are topics beyond a first semester programming class.)

1.1.1. Object-Oriented Programming(OOP)

The developers of the language incorporated object-oriented programming (OOP) features such as inheritance, method overloading, organized exception handling, and free threading to make Visual Basic a powerful object-oriented programming language. (Prior versions were extensible from the very beginning.) The newer objectoriented programming (OOP) features of Visual Basic.NET are not usually covered in a first semester programming class.

1.1.2. Graphical User Interface(GUI)

With Visual Basic.NET a student can drag objects from the Toolbox into the Work area, specify the Properties and behavior of each object and thereby create business applications while learning the programming principles taught during most short Introduction to Visual Basic.NET programming courses.The student will not have to deal with trying to program the user interface using code.

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1.1.3. Windows API

There is abstraction of the hardware, meaning that a programmer of Visual Basic.NET does not have to know about the inner workings of the hardware because Windows handles the functionality of the hardware, provides generic routines (Windows API, or Application Programming Interface) to communicate with hardware drivers provided by hardware manufacturers.

1.2. History of Visual Basic

- Before Visual Basic: C and C++ were used to create Windows applications and this was a complicated process.
- 1991 Microsoft released Visual Basic 1.0; Programmers could "draw" upon their own User Interface. Business problems could be solved with the quickly created application. Code was written by the programmer to react to user events (how a user responded to objects on the User Interface).
- Nov 1992 Visual Basic 2: Included a Professional Edition, MDI Forms, ODBC, and object variables.
- June 1993 Visual Basic 3: Enabled the building of database applications with Data Access Objects (DAO); OLE Automation and the Jet (Access Engine).
- Oct 1996 Visual Basic 4: Introduced classes, OXC's, and allowed programmers to create their own add-ins.
- April 1997 Visual Basic 5: Programmers could target features of Windows 95.
 Added a compiler and the ability for a programmer to create ActiveX Controls.
- Oct 1998 Visual Basic 6: Introduced ActiveX Data Objects (ADO) to manipulate data, create data sources. This was to help programmers use Active Server Pages to access database objects. (VB6 was included with Visual Studio 6.0)
- Feb 2002 Visual Basic.NET 2003 (and Visual Studio 2003)

CHAPTER TWO: SQL SERVER 2000

2.1. Description of SQL server 2000

SQL Server 2000 comes with far more than just the usual RDBMS – it has additional components that would, for many products, be sold entirely separately or with add-on pricing. Instead, Microsoft has seen fit to toss in these extras at no additional charge.

2.2. A Brief History of Databases

SQL Server is an **RDBMS** – or **Relational Database Management System**. RDBMS systems are at the pinnacle of their popularity at the moment. Using an RDBMS as the basis for data storage is plainly "the way it's done" for most applications nowadays – but it wasn't always this way.

2.2.1. Types of Databases

Databases are not just limited to the computer-based systems that we typically think about when we hear the term – they are much, much more. A database is really any collection of organized data. Even Webster's dictionary puts a qualifier on any computer notion:

Database: A usually large collection of data organized especially for rapid search and retrieval (as by a computer).

The file drawers in your office are really something of a database (that is, if they are better organized than mine at home). In fact, databases have existed throughout most of the history of the "civilized" world, going back to the days of the early philosophers and academics (Socrates, Aristotle, Hippocrates, etc.).

That being said, there's a reason why databases are so closely associated with computers. It's because, for most database situations (virtually, but not quite, all of them), computers are simply the fastest and most efficient way to store data. Indeed, the term database is thought to have originated from the

computing community in 1962 or so.

Databases, then, fall into a number of common categories:

• <u>Paper-based</u>: These, although often not thought of as databases, probably still make up the largest proportion of databases in the world today. There are literally billions and billions of tons of paper out there that are still meticulously organized, but haven't been anywhere near a computer.

- Legacy mainframe often VSAM (Virtual Storage Access Method) common to IBM mainframes) databases: Don't underestimate the number of legacy mainframes still out there, and their importance. Connectivity to host systems and the vast amounts of data they stil contain is one of the major opportunity areas in database and systems development today. There are still many situations where I recommend a host system solution rather than a clientserver or webbased model. It's worth noting though that I still believe in using a true RDBMS – albeit one that's located on a host system. dBase and other file-based databases: Typically, these include any of the older Indexed
- Sequential Access Method or ISAM databases. These normally use a separate file for each table, but the ISAM name comes from the physical way the data is stored and accessed more than anything else. Examples of ISAM databases that are still in widespread legacy use and even in some new developments in certain cases include dBase, FoxPro, Excel, Paradox, and Access. (Yes, Access is an ISAM with a relational feel and several relational features it is not, however, a true relational database system.) These systems had most of their heyday well before RDBMS systems. (There is something of a paradox in this since RDBMS systems appeared first.) These systems are still quite often great for small, stand-alone databases where you will never have more than a small number of users accessing the data at a time.
- RDBMS systems: Data for the masses, but with much better data integrity. These systems do more than just store and retrieve data. They can be thought of as actually caring for the integrity of the data. Whereas VSAM and ISAM databases typically store data very well, the database itself has no control over what goes in and out (OK, Access has some, but not like a true RDBMS). The programs that use the database are responsible for implementing any data integrity rules. If five programs are accessing the data, you'd better make sure that they are all programmed correctly. RDBMS systems, on the other hand, take the level of responsibility for data integrity right down to the database level. You still want your programs to know about the data integrity rules to avoid getting errors from the database, but the database now takes some of the responsibility itself and the data is much safer.
- **Object-oriented databases**: These have been around for a while now, but are only recently beginning to make a splash. They are really a completely different

way of thinking about your data and, to date, have only found fairly specialized use. Examples would be something similar to a document management system. Instead of storing the document in several tables, the document would be stored as a single object, and would have properties whose state would be maintained. ODBMS systems often provide for such object-oriented concepts as inheritance and encapsulation. RDBMS systems are clearly king these days. They are designed from the ground up with the notion that they are not going to be working with just one table that has it all, but with data that relates to data in completely different tables. They facilitate the notion of combining data in many different ways. They eliminate the repetitive storage of data and increase speed in transactional environments.

2.3. The Evolution of Relational Databases

E.F. Codd of IBM first introduced the principles behind relational database structures and a Structured English QUEry Language – or SEQUEL – back in the late 1960's (the name was later shortened to just Structured Query Language or SQL). The concept was actually pretty simple – increase data integrity and decrease costs by reducing repetitive data as well as other database problems that were common at the time. Nothing really happened in the elational world as far as a real product was concerned until the mid to late 70's, though. round that time, companies such as Oracle and Sybase became the first to create true relational database systems. It might surprise you to learn that these systems got their start in mainframe

– not client-server – computing. These systems offered a new way of looking at database architecture and, since they ran on multiple platforms, they also often offered a higher potential for sharing data across multiple systems.

In the 80's, the American National Standards Institute (ANSI) finally weighed in with a specification for SQL, and ANSI-SQL was born. This was actually a key moment in RDBMS computing because it meant that there would be better compatibility between vendors. That, in turn, meant that more of the expertise built up in one RDBMS was also usable in a competing system. This has greatly aided the process of trying to increase the number of developers in the SQL community. The ANSI specification called for several different levels of compliance. Most of the major RDBMS products available today are classified as being Entry-Level ANSI compliant (like SQL Server, for example). Entry-level ANSI

compliance means that a database meets the basic defined ANSI standards for the SQL syntax.

Microsoft SQL Server (referred to in this book as simply SQL Server) was originally born from Sybase SQL Server (referred to in this book simply as Sybase). Microsoft partnered with Sybase in 1989 to develop a version of SQL Server for, of all things, OS/2. SQL Server was migrated to Windows NT back in 1993 with version 4.2. The relationship ended with the release of version 6.0. From 6.5 forward, SQL Server has been a Microsoft-only product. The highly successful version 7.0 was essentially a complete rewrite of the product and was the first version available for Windows 9x (there was now virtually no Sybase code left in SQL Server). Finally, we reach today's version – SQL Server 2000. While there are unmistakable similarities, there are now substantial differences in implementation and feature support between version 4.21 (the oldest version you're actually likely to find installed somewhere) and version 2000. Version 6.0 added such details as cursor support. Version 6.5 added distributed transactions, replication, and ANSI compatibility. The rewrite with version 7.0 enabled the loss of problem areas such as the devices defined for data storage.

CHAPTER THREE: SDACS (SUPERMAKET DELIVERY OUTOMATION CONTROL SYSTEM)

3.1. Connection Form

This form using for connection of database while enter the server name and database name. The connection form is show in Figure 3.1.

	Connection	
DATABASE NAME		
Connect	Disconnect	Close

Figure 3.1. Connection Form

3.1.1. Create Form

Create new form (first form create outomaticly) and add one groupbox, two label, two textbox, three button, progressbar, notifyicon and contextmenu from toolbox tool.

3.1.2. Form Properties

Set the properties text, acceptbutton, cancelbutton, controlbox, showintaskbar of form from properties window as follows:

Text = Connection Acceptbuuton = button1 Cancelbutton = button2 Controlbox = false Showintaskbar = false

3.1.3. Create Modul

Add new modul into project at name of connectionmodule. And identify public variable at name of connstr. Use following code.

Public connstr As String

3.1.4. Connect Button

When the press connect button after entering the server and database name, button apply the code of connection in button click events. Control the entering data. If not enter any info, send warning massege to client. Create database connection string according to entering data. And open the database connection. If connect the server, make 1(one) 'connstr' public variable and load login form else send catch error massege.

3.1.5. Disconnect Button

'Connstr' public variable make 0(zero) when the press button in button click event. And set the any properties.

3.1.6. Close Button

Hide connection form when press this button. Use following code in button click event.

Me.Hide()

3.1.7. Notify Icon and Context Menu

Use notifyicon for doing application which working on system tray. And add context menu from toolbox tool. Add items show connection bar, sign in, exit in context menu. Set notify icon properties of context menu select as this context menu. And add following codes.

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3.2 Login Form

Using this form for login to program. When enter client id and password, if client id and password combination is true, load users interface according to client statue. Form is shown in figure 3.2.

Login
Sign In

Figure 3.2. Login Form

3.2.1. Create Form

Add new form into project. Put two label, two textbox, and one button. Set form properties text, acceptbutton, maximizebox and minimizebox. Set this properties like follow.

Text = Login Acceptbutton = button1 Maximizebox = False Minimizebox = False

3.2.2. Create Module

Add new modul into project at name of permissionmodule. And identify public variables are pid, statueid, sex, pname, surname. Using following code.

Public pid As Integer Public statueid As String Public sex As String Public pname As String Public surname As String

3.2.3. Sign In Button

Sign in buton makes compair the entering data combination (person id and password) with datas into database. If the datas are equal, load SDACS program.

This codes connect database with use created connection string at first connection. And read datas from database then compair them. If datas are equal, show the following massage in figure 3.3.



Figure 3.3 Welcom Massege

3.3 SDACS Main Form

We do all process in this form according to permissions. Read permissions from database. And when the loading form set usable section acoording to permissions. The program guide to client on home page section.

3.3.1. Home Page Section

To guide clients according to permissions. Show in figure 3.4.



Figure 3.4. Home Page Form

3.4 Client Registration And Setting Form

At this form, Record new client(record of working personel), update and delete client, search client(s), list all clients. Shortly you can do all of process about clients. This form show in figure 3.5.

	SDAES - Super	market Delivery At	otomation System			
						Sign Out
Home Page	Client Registration And Setting	Firm Regi	stration And Setting	Stok Control	And Setting	
-Personel infor	mations					Home Page
Person ID		JD Search	Starting Date	28.06.2008	•	ADD
Name		Same Search	Salary		•	DELETE
Surname			Statute		•	UPDATE
Sexual		•	Password			CLEAR
Communication						
Address			Phone			ListAll Client
			E-Mail			
1923(20)(151.5		-				

Figure 3.5. Client Registration And Setting Form

3.4.1. ID Search Button

This button search person as to entering person id. List finding personel on the personals table.

3.4.2. Name Search Button

This button search person as to entering person name. You can not have to enter entire word for searching. List finding personel on the personals table.

3.4.3. List All Client Button

Aim of button show all registered person. Codes writte in button click event. And add sqldataadapter into project. I changed name of sqldataadaptor as pda. Function of sqldataadaptor is fill read datas from database into dataset.

3.4.4. Home Page Link's codes

When click this link, go to hame page form. Codes write in linklabel click event. Code gives below.

TabControl1.SelectedIndex = 0

3.4.5. Add Button

Add buttons add new client. Added two sqlcommand into project. Aim of sqlcommand run sql language. All codes write in add button' s click event.

3.4.6. Delete Button

Delete button delete person according to person id. Add one command into project. The codes write in delete button event.

3.4.7. Update Button

This button update old datas of personel with entering new datas as to personel id. Add one sqlcommand into project for update. Codes write in update button event.

3.4.8. Clear Button

Clear datas on form.

3.5 Firm Registration And Setting Form

Save firms and doing all set of firms in this form. Show in figure 3.6.

	SDAC5 - Superma	arket Delivery Auctoma	tion System		
Home Page	Client Registration And Setting	Firm Registration A	And Setting	tok Control And Setting	
Firm Information) 				11
Firm ID		ID Search	Phone 1		<u>riome Page</u>
Firm Name		Name search	Phone 2		
Address			Fax 1		
			Fax 2		
E - Mail			Web Page		
ADD	DELETE	IPDATE	CLEAR	L	ST ALL FIRM
Firms				L	
1.15					
L		in de mineres astronicas	······································		

Figure 3.6. Firm Registration And Setting Form

3.5.1. ID Search Button

Search registered firm acording to id of firm.

3.5.2. Name Search Button

Search registered firm acording to name of firm.

3.5.3. Home Page Link's codes

When click this link, go to hame page form. Codes write in linklabel click event. Code gives below.

TabControl1.SelectedIndex = 0

3.5.4. Add Button

Add new firm into database as to datas on form. Codes write in add button click event.

3.5.5. Delete Button

Delete firm from database acording to firm id. All codes write in delete button event.

3.5.6. Update Button

Update datas of firm with entering new datas as to firm id. Codes write in update button click event.

3.5.7. Clear Button

Clear datas on form.

3.5.8. List All Firm Button

List registred firm in database at firms table.

3.6 Stock Control And Setting Form

This form manage the stock. Can add new product, update and delete product and make a campain as to date or without date in this form. show in figure 3.7.

Product Informat	ions		Campaign		Home Pa
larcode		Barcode Search	Campaign Price	1	Calculat
tem Type		Type Search	Notes		
fark		Set			
ackage	S	let	Use Date		
ackage Unit	S	iet	Starting Date	28.06.2008	
ackage Type	S	iet	Finishing Date	28.06.2008	
elling Price		Set	Make Campaign	Cancel Campaign	Update Campaign
tock Amount	S	let	Add New	Clear	
ocation	S	let	Delete	Update	List All Products



3.6.1. Barcode Search Button

When click this button, search product as to entering barcode and show the finding product into products tables. Write following code in barcode search button click event.

3.6.2. Type Search Button

Search product acording to product types and show finding product(s) into products table.

3.6.3. Set Buttons

Set buttons using update the product. Set buttons obtain set updated data of product. Mission of set buttons only make enable properties of textbox true.

3.6.4. Home Page Link

When click this link, go to hame page form. Codes write in linklabel click event.

TabControl1.SelectedIndex = 0

3.6.5. Add New Button

Mission of add new button is adding new product to database as to entering datas of form.

3.6.6. Delete Button

Delete product from database if stocks of product equal to zero.

3.6.7. Update Button

Update button make update products in database acording to entering datas on form.

3.6.8. Clear Button

Clear the datas on form.

3.6.9. List All Product Button

List all registred product in database at products table. And you can select any product from products table.

3.6.10. Make Campaign Button

This button use for doing campaing to selected product. if select a product and click campaign checkbox, the make campaign button is active. You can do two kind of campaign, first without date and second use date. Codes write in make campaign button click event.

3.6.11. Cancel Campaign Button

The aim of this button cancel to doing beforehand campaign.

3.6.12. Update Campaign Button

This button update to doing beforhand campaign according to entering new datas.

3.7 Entering Invoice Form

At this form, record buying pruduct to database as invoice. Calculate selling price of product automaticly as to beforehand selling policy by firm when you enter invoice. Increase entering product stocks acording to amount items of invoice. And write loan to firm account. This form show in figure 3.8.

Sea and a		524405	- Supermarket Deli	very Austomation System		[♥][≋ Sign
	egistration And Setting	Firm	Registration And Settir	ng	Setting Setting	
Bill no			🜙 Bill Search			Home Pa
Date	28.06.2008			Barcode		-SBarcode Search
Firm ID]	SFirm Search	Product Type		
irm Name			le general de la companya de la companya de la companya de la companya de la companya de la companya de la comp	Mark		
Person ID			****	Package Amount		
^o erson Name	2			Package Type		
Dring						
	·/		AT Cost			Remove
Billitome	·•					
bilino	ti arcode (producttype ma	ik packagea	mou packageunit packagelype	e amount tax	price (jio)
-					🗍 Discou	nt
Save	Update	Delete	Clear	Print	Total VAT	ГО
	_					

Figure 3.8. Entering Invoice Form

3.7.1. Bill Search Button

When click bill search button, load new bill search form. When close the new search form, show datas of bill on form with coming datas from loading new search form. And loading new bill search form show in figure 3.9.

-	Bill Search
⊙ Bill No ⊖ Date	28.06.2008 V 28.06.2008 V Search
Bills	
tatusBar1	

Figure 3.9. Bill Search Form

3.7.2. Bill Search Form And Search Button

Search bill in database acording to bill no and date then show find bill(s) into bills table. Bill search form of source codes are given below.

3.7.3. Firm Search Button

When click firm search button, load new firm search form. When close the new search form, show datas of firm on form with coming datas from loading new search form. And loading new firm search form show in figure 3.10.

S, Firm S	earch 🔽 🛞 🕅
Firm ID Firm Name	Search
Firms	Landard and a second second second second second second second second second second second second second second

Figure 3.10. Firm Search Form

3.7.4. Firm Search Form And Search Button

Search firm in database acording to firm id or firm name then show find firm(s) into firms table.

3.7.5. Barcode Search Button

When click barcode search button, load new product search form. When close the new search form, show datas of product on form with coming datas from loading new search form. And loading new product search form show in figure 3.11.

-	Product Search	
Barcode Product Type	Search	
Products		

Figure 3.10. Product Search Form

3.7.6. Product Search Form And Search Button

Search product in database acording to barcode or product type then show find product(s) into products table.

3.7.7. Add Button

This button use for add items(product) to invoice. When click this button, increase total of invoice and vat as to price and vat of adding product.

3.7.8. Remove Button

This button use for remove items(product) to invoice. When click this button, decrease total of invoice and vat as to price and vat of removing product.

3.7.10. Save Button

Save button record invoice to database. Calculate selling price acording to firm policy. Write loan to firm account. And increase stock at products of invoice.

3.7.11. Update Button

Update entering invoice, firm account and of course product stocks. If wants, update to selling price.

3.7.12. Delete Button

Delete invoice from database. And set necessary setting about firn account, product stocks.

3.7.13. Clear Button

This button clear the form.

3.8 Cashier Selling Form

Selling the product to customer. Calculate the cost of bill. When the selling agree, save bill to database and set necessary setting of stocks. Cashier selling form shown in figure 3.11.

	SDAES - Supermark	ket Delivery Austomation Sy	stem	[♥]ゑ] Sign Ot
Firm Registration Ar	nd Setting	etting S Entering Invoid	cashier - Setting	Cashier · Whole
Barcode	J.Search	Total	D	Home Page
	× 1	VAT Total	0	
		Repayment		
	1- Alter 10 - 10 -	1.Cash	3.Cash And Credit Card	3 5.Add
	WILLIAM STATE	2.Credit Card	4.Clear	53 6.Remove
Bill Items	allouis			10-
barco de produ	otype naik packajsamou p	ackageunit packagetype am	ount tax price	moneyumit taxia

Figure 3.11. Cashier Selling Form

3.8.1. Add Button

Add selling product to bill. And increase total of bill and vat as to price and vat of adding product.

3.8.2. Remove Button

Remove selling product to bill. And decrease total of bill and vat as to price and vat of removing product.

3.8.3. Cash Button

This button use cash selling. When click the cash button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash selling form show in figure 3.12.

Cash Selling	
Bill Total	a new set and
Total Vat	10 20 10 10 10 10
	The second second
Payment	
Repayment U	
Are You Accept This	Selling?
Cancel	Accept

Figure 3.12. Cash Selling Accept Form

3.8.4. Cash Selling Accept Form

This form only an aggreement form.

3.8.5. Credit Card Button

This button use selling with credit card. When click the credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept credit card selling form show in figure 3.13.

redit Card	
Bill Total	
Total Vat	
Card Ma	[
Lard No	
Are You	Accept This Selling?
S Car	cel Accept

Figure 3.13. Credit Card Accept Form

3.8.6. Credit Card Selling Accept Form

This form only an aggreement form.

3.8.7. Cash And Credit Card Button

This button use selling with credit card and cash. When click the cash and credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash and credit card selling form show in figure 3.14.

Cash And Credit Card	
Bill Total	
Total Vat	
Reminder	
Card No	
Card Payment	
Cash Payment	
Repayment 0	
Are You Acc	ept This Selling?
Cancel	Accept

Figure 3.14. Cash And Credit Card Selling Accept Form

3.8.8. Cash And Credit Card Selling Accept Form

This form only an aggreement form.

3.8.9. Clear Button

This button clear the form.

3.9. Cashier Whole Form

Whole selling the product to customer. Calculate the cost of bill. When the selling agree, save bill to database and set necessary setting of stocks. Cashier selling form shown in figure 3.15.

50AC5 - 50	ermarket Delivery Auntomation 5ys	tem .	[♥][Ձ][Ջ Sign Ou
Firm Registration And Setting	of And Setting	Cashier - Selling	Cashier · Whole
Barcode	Total	0	Home Page
L	Discount 1	%	
Firm ID Firm Sear	ch 1.Cash	3.Cash And Credit Card	5.Add
Firm Name	2.Credit Card	4.Clear	6.Remove
Eilfitems barcode producttyp mark packs	ugea packageun packagety am	nount tax pri	ce moneyunit taxc
4			

Figure 3.15. Cashier Whole Form

3.9.1. Add Button

Add selling product to bill. And increase total of bill and vat as to price and vat of adding product.

3.9.2. Remove Button

Remove selling product to bill. And decrease total of bill and vat as to price and vat of removing product.

3.9.3. Cash Button

This button use cash selling. When click the cash button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash selling form show in figure 3.16.

Cash Selling	and the second second second second second second second second second second second second second second second
Bill Total	and all the mon duk has
Total Vat	and a straight and a straight of
Starting and Start	
Payment	
Repayment 0	
Are You Accept	This Selling?
Cancel	Accept

Figure 3.16. Cash Selling Accept Form

3.9.4. Cash Selling Accept Form

This form only an aggreement form for whole selling

3.9.5. Credit Card Button

This button use selling with credit card. When click the credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept credit card selling form show in figure 3.17.

Iredit Card	
Bill Total	
Total Vat	
Card No	
de al-le a le al-	
Are You Accep	t This Selling?
S Cancel	Accept

Figure 3.17. Credit Card Accept Form

3.9.6. Credit Card Selling Accept Form

This form only an aggreement form for whole selling.

3.9.7. Cash And Credit Card Button

This button use selling with credit card and cash. When click the cash and credit card button, load new accept form. If agree selling, doing set necessary setting about stocks of product. And save this bill into database. Accept cash and credit card selling form show in figure 3.18.

ash And Credit Card Bill Total			
Total Vat			
Reminder			
Card No			
Card Payment			
Cash Payment			
Repayment	0		
Are You Ac	ccept ⁻	This S	Selling?
S Cancel		1	Accept

Figure 3.18. Cash And Credit Card Selling Accept Form

3.9.8. Cash And Credit Card Selling Accept Form

This form only an aggreement form for whole selling.

3.9.9. Clear Button

This button clear the form.

3.10. Strongbox Form

Strongbox show total money of firm as to cashier name, firm name and date. Show in figure 3.19.

SDAC5 - Superm	arket Delivery Aud	omation System		
				Sign Out
Entering Invoice Cashier - Setting	Cashier · Whole	3 Cashier - Canceling	Strongbox	Depts And F
Date 28.06.2008 - 28.06.2008 -		General Total	0	
	Find	General Vat Total	0	
Cashier Name	2 - 110	General Cash Tota	u 0	
Firm Name		General Credit Ca	rd Total ()	
			The III	
	- 0			
Cash Total Credit Card Total	0			
VAT Total	0			
1 Utal	U			
	dies			and the second se
Cash Total	n			
Credit Card Total	0		Clear	Print
Home Page Tatal	0		CIEUI	CS · ·····
l utal	U			

Figure 3.19. Strongbox Form

3.10.1. Find Button

Find total money of firm as to cashier name, firm name and date. And show.

3.10.2. Clear Button

This button clear the form.

3.11. Deps And Payment Receipt Form

Show depts and paymant as to paymentfirm and recipient firm. This form support to doing payment between firms. Show in figure 3.20.

SDAES -	Supermarket Delive	ry Austernation 5)	/stem -		
					Sign Out
Cashier · Selling Cashier · Whole	Cashier - Canc	seling Sta	rongbox	Depts And Paym	hent Program
Recipt Cashier Account		Daumant			
Payment Firm		Payment			
Payment Firm ID	\square	Payment Da	ate 05.	06.2008	•
Payment Firm Name	Firm Search	Payment An	nount		
Recipient Fim Recipient Fim ID			Balance	e	
Recipient Firm Name	Firm Search	According To Recipient Firm	05.06.2008 ListDepts	• 05.06.2008	List All Depts And Payments
Depts		Payment		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
id date firmid bil	Ino recipier	id	date	firmid bil	llno recipientfir r
Total Depts 0	Þ	[1]	Tote	il Payment 0	F
Print	С	lear I	Payment Delete	Payment Update	Pay

Figure 3.20. Receipt Form

3.11.1. According to Receipt Firm Button

Show all depts and payment and balance as to recepient firm.

3.11.2. List Depts - Payment By Date Button

Show balance, depts and payment of firm as to date.

3.11.3. List All Depts And Payments Button

Show all depts and payment and balance of firm.

3.11.4. Pay Button

Save doing payment to payment firm account.

3.11.5. Payment Update Button

Update doing payment, setting necessary correction in database.

3.11.6. Payment Delete Button And Codes

Delete payment from firm account.

3.11.7. Clear Button And Codes

Clear the form.

3.12. Depts And Payment Cashier Account

This form keep account of cashier with dates and search account of cashiers according to person id, person name, date and then show them. Also save payment of cashiers and calculate total of depts and payment, balance. The form show in figure 3.21.

SDACS - Supermarket De	Livery Austomation System.
Cashier - Selling Cashier - Whole Cashier -	Canceling Strongbox Depts And Payment Rogram
Person ID Search Person Name Date 28.06.2008 V Find	Payment General Dept Total 0 Amount Of Payment Pay Balance 0
Depts	Payment
Seliing Bill(s)	Cashier Payment(s)
	1 1 N
Total 0	
Total 0 Whole Selling Bill(s)	
Total 0 Whole Selling Bill(s)	
Total 0 Whole Selling Bill(s)	Total

Figure 3.21. Cashier Account Form

3.13. Cashier Canceling Form

This form canceling the selected selling(bill). And set necessary modification in person account and stock. Also doing search bill as to date, bill no, cashier name, firm name. Form show in figure 3.22.

		SDACS - Supermarket	Delivery Auotomation	5ystem		Sign Ou
Stok Control Ar	nd Setting		Cashier - Selling	Cashier · Whole	Cashier - C	anceling
Date	28.06.2008	▼ 28.06.2008 ▼				Home Page
Bill No]				
Cashier Name		Sashier Search	 Selling 	Search	Clear	S Gancel Bill
Firm Name		Firm Search	O Whole Selling			
BILL(S)	-				di di si	
						-
	-					
ITEM(S)	C. Street and	The state			12	1
1 _1						

Figure 3.22. Cashier Canceling Form

3.14. Program Settings Form

This form to enable to set of any setting of programing. When click program setting, guide you setting page first and setting page directly guide you setting. Setting page show in figure 3.23.

	SDACS - Supermarket Selivery Austama	tion System	Sign Out
Ceshier · Whole Ces Setting Page Unit Settings Setting Pr	hier - Canceling Strongbox	Depts And Payment Program Settings	Report:
UNIT SETTINGS	SELLING PRICE CALCULATOR SETTING	CLIENT PERMISSION AND SETTING	Uniterade

Figure 3.23. Setting page

3.14.1. Unit Setting Form

This form add or delete any unit. For example money unit, package unit... form show in figure 3.24.

6	SDAC5 - Supermarke	L Delivery Austomation System		N A X
	200			Sign Out
Cashier - Wh	nole S Cashier - Canceling S	trongbox Depts And Paym	ent Rogram Settings	Report:
Setting Page	Settings Setling Price Calculater Settings Clier	nt Permissions And Settings Reset		
_ Money Unit Se	tting	-Sex Setting	<u>Go To Se</u>	etting Page
Money Unit	ADD	Sex	ADD	
	SET		DELETE	
	DELETE			
1		I 1		
Package Unit	Setting	Package Type Setting		
Package Unit	ADD	Package Type	ADD	
	T DELETE		• DELETE	
-Mark Setting-		Location Setting		
Mark	ADD	Location	ADD [
	DELETE		DELETE	
		3		

Figure 3.24. Unit Setting

3.14.2. Selling Price Calculating Setting

This form set policy of firm of how is calculate selling price. Show in figure 3.25.

selling Price	selling Price Calculater Set selling Price Buying Price	inge Litent Permissions	And Settings Heset	<u>Ga To Setting Pa</u>
Clear	1 2 3 4 5 6 7 8 9 <- 0 .	% + ()	Set Selling Price Calculator	

Figure 3.25. Selling Price Calculator Setting

3.14.3. Client Permission And Setting

This form add, delete or update statute, also set the permission of statute. Form show in figure 3.26.

SBAES - Supermarke	t Delivery Auctomation System	
Cashier · Whole Cashier · Canceling S	trongbox Depts And Payment	Program Settings
Statue Name	nt Permissions. And Settings	<u>Go To Setting Page</u>
Statue Name ADD	CASHIER SELLING	REPORTS
	CASHIER WHOLE SELLING	
STOCK CONTROL AND SETTING		-
	STRONG BOX	
DEPTS AND PAYMENTS	PROGRAM SETTINGS	

Figure 3.26. Client Permissions and Setting Form

CHAPTER FOUR: CREATE SQL TABLES AND SQL LANGUAGE OF STORED PROSEDURE

4.1. Created Tables

Create table in sql server. Created tables show in figure 4.1.



Figure 4.1. Created Sql Tables

4.2. Created SQL Stored Procedure

Create sql procedure for interrogate database tables. Write sql code in sql query analyzer.

CONCLUSION

In practice, this program which manages a supermarket's automation system. Also it makes arrangements of the super market's sale, purchasing, stocks and accounting process.

In chapters, there are informations about definition, evolution development and history of visual studio.net 2003 and sql server 2000 and also give informations about instruction of the program, how is database management system, moreover, gives and explain the codes of program.

The aims of this program are to make easy to sale and purchasing, stocking, accounting. Besides it gives datas to management departements so it contributes to develop and to manage better to the supermarket. The program provides to reach to the informations about supermarket faster.

In this program it is aimed that to decrease the missing rates in such managements. It enables the customers to make shopping faster and safely.

Appendix Visual Basic .NET

Public Class Form1

Inherits System. Windows. Forms. Form Private Sub Button1 Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles dbc Button1.Click dbc ProgressBar1.Value = 0dbc ProgressBar1.Visible = True dbc_Label1.Enabled = False dbc Label2.Enabled = False dbc TextBox1.Enabled = False dbc TextBox2.Enabled = False dbc Button1.Enabled = False dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 15 If dbc_TextBox1.Text = "" Or dbc_TextBox2.Text = "" Then dbc ProgressBar1.Value = dbc ProgressBar1.Value + 85 dbc_ProgressBar1.Visible = False MsgBox("You Have To Enter Server Name or Database Name", MessageBoxIcon.Warning) dbc Label1.Enabled = True dbc_Label2.Enabled = True dbc TextBox1.Enabled = True dbc_TextBox2.Enabled = True dbc Button1.Enabled = True Else dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 15 Dim s As String s = "Data Source=" & dbc_TextBox1.Text & ";" & "Initial Catalog=" & dbc_TextBox2.Text & ";" & "Integrated Security=True"

connstr = s

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 20

Dim c As New SqlClient.SqlConnection(s)

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25

c.Open()

If c.State = ConnectionState.Open Then

dbc ProgressBar1.Value = dbc ProgressBar1.Value + 25

dbc_ProgressBar1.Visible = False

connetrl = 1

Me.Hide()

ContextMenu1.MenuItems(1).Enabled = True

NotifyIcon1.Icon = New Icon("C:\Program

Files\SDACS\icons\enable server.ico")

Dim f2 As New Form2

f2.ShowDialog()

End If

Catch ex As SqlClient.SqlException

If ex.Number = 17 Then

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25 dbc_ProgressBar1.Visible = False

MsgBox("Invalid Server Name", MessageBoxIcon.Error)

dbc TextBox1.Text = ""

dbc TextBox1.Focus()

ElseIf ex.Number = 4060 Then

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25

dbc_ProgressBar1.Visible = False

MsgBox("Invalid Database Name", MessageBoxIcon.Error)

dbc_TextBox2.Text = ""

dbc_TextBox2.Focus()

Else

dbc_ProgressBar1.Value = dbc_ProgressBar1.Value + 25 dbc_ProgressBar1.Visible = False

MsgBox(ex.Message & "(" & ex.Number & ")")

End If

dbc_Label1.Enabled = True

dbc_Label2.Enabled = True

dbc_TextBox1.Enabled = True

dbc_TextBox2.Enabled = True

dbc_Button1.Enabled = True Finally c.Close() End Try End If End Sub

Private Sub NotifyIcon1_DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles NotifyIcon1.DoubleClick

Me.Show()

End Sub

Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles dbc_Button2.Click

Me.Hide() End Sub

Private Sub MenuItem1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem1.Click

Me.Close() End Sub

Private Sub dbc_Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles dbc_Button3.Click

connctrl = 0
dbc_Label1.Enabled = True
dbc_Label2.Enabled = True
dbc_TextBox1.Enabled = True
dbc_TextBox2.Enabled = True
dbc_Button1.Enabled = True
dbc_TextBox1.Text = ""
dbc_TextBox2.Text = ""
NotifyIcon1.Icon = New Icon("C:\Program

Files\SDACS\icons\desable_server.ico")

End Sub

Private Sub MenuItem2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem2.Click

Me.Show()

End Sub

Private Sub MenuItem4_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem4.Click

Dim f2 As New Form2

f2.ShowDialog()

End Sub

```
Private Sub ContextMenu1_Popup(ByVal sender As Object, ByVal e As
```

System.EventArgs) Handles ContextMenu1.Popup

```
If signinctrl = 0 Or connetrl = 0 Then
```

ContextMenu1.MenuItems(1).Enabled = False

Else

ContextMenu1.MenuItems(1).Enabled = True End If End Sub

End Class

Public Class Form2

Inherits System.Windows.Forms.Form

Private Sub lgn_Button1_Click(ByVal sender As System.Object, ByVal e As

System.EventArgs) Handles lgn_Button1.Click

lgn_Label1.Enabled = False lgn_Label2.Enabled = False lgn_TextBox1.Enabled = False lgn_TextBox2.Enabled = False lgn_Button1.Enabled = False If lgn_TextBox1.Text = "" Then

MsgBox("You Have To Enter Your Person ID", MessageBoxIcon.Information) lgn Label1.Enabled = True lgn Label2.Enabled = True lgn TextBox1.Enabled = True lgn TextBox2.Enabled = True lgn Button1.Enabled = True ElseIf connctrl = 1 Then c.ConnectionString = connstr Ds2.persondat.Clear() da.Fill(Ds2.persondat) Dim dr As DataRow Dim i As Integer = 0Dim ctrl As Integer = 0For Each dr In Ds2.persondat.Rows If Not IsNumeric(lgn TextBox1.Text) Then MsgBox("Invalid Person ID", MessageBoxIcon.Error) lgn Label1.Enabled = True lgn Label2.Enabled = True lgn TextBox1.Enabled = True lgn_TextBox2.Enabled = True lgn Button1.Enabled = True Exit Sub End If If dr.Item("id") = lgn_TextBox1.Text And dr.Item("password") = Ign TextBox2.Text Then Me.Hide() signinctrl = 1pid = dr.Item("id")statue = dr.Item("statue") pname = dr.Item("name") surname = dr.Item("surname") sex = dr.Item("sex")Dim f3 As New Form3 f3.ShowDialog()

Me.Show()

signinctrl = 0

lgn_Label1.Enabled = True

lgn_Label2.Enabled = True

lgn_TextBox1.Enabled = True

lgn_TextBox2.Enabled = True

lgn_Button1.Enabled = True

lgn_TextBox1.Text = ""

lgn TextBox2.Text = ""

```
\operatorname{ctrl} = 0
```

Exit Sub

Else

ctrl = 1

End If

Next

If ctrl = 1 Then

MsgBox("Wrong Person Id or Password", MessageBoxIcon.Error)

 $lgn_Label1.Enabled = True$

lgn Label2.Enabled = True

lgn_TextBox1.Enabled = True

lgn_TextBox2.Enabled = True

lgn_Button1.Enabled = True

End If

Else

MsgBox("Connection Problem You Have To Connect To Server Before Login", MessageBoxIcon.Error)

lgn_Label1.Enabled = True lgn_Label2.Enabled = True lgn_TextBox1.Enabled = True lgn_TextBox2.Enabled = True lgn_Button1.Enabled = True Me.Close() End If End Sub Private Sub Form2_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

lgn_TextBox1.Focus()

End Sub

Private Sub Form2_Closing(ByVal sender As Object, ByVal e As System.ComponentModel.CancelEventArgs) Handles MyBase.Closing signinctrl = 1

End Sub

End Class

Public Class Form4 Inherits System. Windows. Forms. Form Dim cm As CurrencyManager Dim change As String Dim changel As String Private Sub Form4_Load(ByVal sender As System.Object, ByVal e As System. EventArgs) Handles MyBase. Load Label1.Text = sex & " " & pname & " " & surname pc.ConnectionString = connstr Dim co As New SqlClient.SqlCommand Dim da As New SqlClient.SqlDataAdapter Dim ds As New DataSet \sim co.Connection = pc co.CommandText = "select * from [permissions] where (id=" & statue & ")" da.SelectCommand = cods.Clear() da.Fill(ds, "per") Dim dr As DataRow For Each dr In ds. Tables("per"). Rows If dr.Item("cregandest") = 1 Then Button102.Visible = True TabControl1.TabPages(1).Enabled = True

```
ElseIf dr.Item("cregandest") = 0 Then
TabControl1.TabPages(1).Enabled = False
Button102.Visible = False
End If
```

```
If dr.Item("fregandset") = 1 Then
   Button105.Visible = True
  TabControl1.TabPages(2).Enabled = True
ElseIf dr.Item("fregandset") = 0 Then
   TabControl1.TabPages(2).Enabled = False
  Button105.Visible = False
End If
If dr.Item("sconandset") = 1 Then
  Button108.Visible = True
  TabControl1.TabPages(3).Enabled = True
ElseIf dr.Item("sconandset") = 0 Then
  TabControl1.TabPages(3).Enabled = False
  Button108.Visible = False
End If
If dr.Item("entinvoice") = 1 Then
  Button111.Visible = True
  TabControl1.TabPages(4).Enabled = True
ElseIf dr.Item("entinvoice") = 0 Then
  TabControl1.TabPages(4).Enabled = False
  Button111.Visible = False
End If
If dr.Item("casselling") = 1 Then
  Button103.Visible = True
  TabControl1.TabPages(5).Enabled = True
ElseIf dr.Item("casselling") = 0 Then
  TabControl1.TabPages(5).Enabled = False
  Button103.Visible = False
End If
If dr.Item("caswselling") = 1 Then
```

```
Button106.Visible = True
  TabControl1.TabPages(6).Enabled = True
ElseIf dr.Item("caswselling") = 0 Then
  TabControl1.TabPages(6).Enabled = False
  Button106.Visible = False
End If
If dr.Item("cascanceling") = 1 Then
  Button109.Visible = True
  TabControl1.TabPages(7).Enabled = True
ElseIf dr.Item("cascanceling") = 0 Then
  TabControl1.TabPages(7).Enabled = False
  Button109.Visible = False
End If
If dr.Item("strongbox") = 1 Then
  Button114.Visible = True
  TabControl1.TabPages(8).Enabled = True
ElseIf dr.Item("strongbox") = 0 Then
  TabControl1.TabPages(8).Enabled = False
  Button114.Visible = False
End If
If dr.Item("deptandpayment") = 1 Then
  Button104.Visible = True
  TabControl1.TabPages(9).Enabled = True
ElseIf dr.Item("deptandpayment") = 0 Then
  TabControl1.TabPages(9).Enabled = False
  Button104.Visible = False
End If
If dr.Item("progset") = 1 Then
  Button 107. Visible = True
  TabControl1.TabPages(10).Enabled = True
ElseIf dr.Item("progset") = 0 Then
  TabControl1.TabPages(10).Enabled = False
  Button 107. Visible = False
End If
```

If dr.Item("reports") = 1 Then Button110.Visible = True TabControl1.TabPages(11).Enabled = True ElseIf dr.Item("reports") = 0 Then TabControl1.TabPages(11).Enabled = False Button110.Visible = False End If Next

End Sub

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
```

If connectrl = 1 Then

If TextBox1.Text = "" Then

MsgBox("Please enter id number", MessageBoxIcon.Error)

Else

If IsNumeric(TextBox1.Text) Then

Dim dset As New DataSet

Dim da As New SqlClient.SqlDataAdapter

pc.ConnectionString = connstr

idsrc.Parameters("@xx").Value = TextBox1.Text

da.SelectCommand = idsrc

da.Fill(dset, "f")

DataView1.Table = dset.Tables("f")

Else

MsgBox("invalid ID", MessageBoxIcon.Error)

End If

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button6_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button6.Click
```

If connctrl = 1 Then

Dim dset As New DataSet

Dim da As New SqlClient.SqlDataAdapter

pc.ConnectionString = connstr

nmsrc.Parameters("@xx").Value = TextBox2.Text & "%"

da.SelectCommand = nmsrc

da.Fill(dset, "f")

DataView1.Table = dset.Tables("f")

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub DataGrid1_DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid1.DoubleClick

cm = CType(Me.BindingContext(DataView1), CurrencyManager) TextBox1.Text = DataGrid1.Item(cm.Position, 0) TextBox2.Text = DataGrid1.Item(cm.Position, 1) TextBox3.Text = DataGrid1.Item(cm.Position, 2) ComboBox1.Text = DataGrid1.Item(cm.Position, 3) TextBox6.Text = DataGrid1.Item(cm.Position, 4) TextBox7.Text = DataGrid1.Item(cm.Position, 5) TextBox8.Text = DataGrid1.Item(cm.Position, 6) TextBox5.Text = DataGrid1.Item(cm.Position, 7) TextBox4.Text = DataGrid1.Item(cm.Position, 8) ComboBox3.Text = DataGrid1.Item(cm.Position, 9) DateTimePicker1.Text = DataGrid1.Item(cm.Position, 10) ComboBox2.Text = DataGrid1.Item(cm.Position, 11)
End Sub

Private Sub TabControl1_SelectedIndexChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles TabControl1.SelectedIndexChanged

If TabControl1.SelectedTab.Name = "TabPage1" Then Me.AcceptButton = Button2 pc.ConnectionString = connstr Pds1.persondat.Clear() pda.Fill(Pds1.persondat)

Dim ss As New DataSet ComboBox1.Items.Clear() sexda.Fill(ss, "a") Dim dr As DataRow For Each dr In ss.Tables("a").Rows ComboBox1.Items.Add(dr.Item("sex")) Next Dim st As New DataSet Dim stda As New SqlClient.SqlDataAdapter Dim stco As New SqlClient.SqlCommand stco.Connection = pcstco.CommandText = "select statute from [permissions]" stda.SelectCommand = stco ComboBox2.Items.Clear() stda.Fill(st, "s") Dim drst As DataRow For Each drst In st.Tables("s").Rows ComboBox2.Items.Add(drst.Item("statute"))

Next

Dim u As New DataSet Dim uda As New SqlClient.SqlDataAdapter Dim uco As New SqlClient.SqlCommand uco.Connection = pc

```
uco.CommandText = "select unit from moneyunit"
uda.SelectCommand = uco
ComboBox3.Items.Clear()
uda.Fill(u, "s")
Dim dru As DataRow
For Each dru In u.Tables("s").Rows
ComboBox3.Items.Add(dru.Item("unit"))
Next
End If
If TabControl1.SelectedIndex = 3 Then
Me.AcceptButton = Button9
End If
End Sub
```

```
Private Sub LinkLabel1_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel1.LinkClicked
TabControl1.SelectedIndex = 0
```

End Sub

```
Private Sub Button5_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button5.Click
```

```
If connctrl = 1 Then
TextBox1.Text = ""
TextBox2.Text = ""
TextBox3.Text = ""
TextBox4.Text = ""
TextBox5.Text = ""
TextBox6.Text = ""
TextBox7.Text = ""
ComboBox3.Text = ""
ComboBox1.Text = ""
```

DateTimePicker1.Text = "" Pds1.persondat.Clear() DataView1.Table = Pds1.persondat

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button4 Click(ByVal sender As System.Object, ByVal e As System. EventArgs) Handles Button4. Click If connctrl = 1 Then If TextBox1.Text = "" Or Not IsNumeric(TextBox1.Text) Then MsgBox("Invalid ID Number", MsgBoxStyle.Information) Else pc.ConnectionString = connstr Dim st As New DataSet Dim statueid As Integer pc.Open() findstid.Parameters("@statue").Value = ComboBox2.Text statueid = findstid.ExecuteScalar pc.Close() persnupt.Parameters("@id").Value = TextBox1.Text persnupt.Parameters("@name").Value = TextBox2.Text persnupt.Parameters("@surname").Value = TextBox3.Text persnupt.Parameters("@sex").Value = ComboBox1.Text persnupt.Parameters("@address").Value = TextBox6.Text persnupt.Parameters("@phone").Value = TextBox7.Text persnupt.Parameters("@email").Value = TextBox8.Text persnupt.Parameters("@password").Value = TextBox5.Text persnupt.Parameters("@salery").Value = TextBox4.Text persnupt.Parameters("@moneyunit").Value = ComboBox3.Text persnupt.Parameters("@startingdate").Value = DateTimePicker1.Text persnupt.Parameters("@statue").Value = statueid

Try

Dim i As Integer

i = MsgBox("Do You Want to Save Changes Realy", MsgBoxStyle.YesNo, "UPDATE")

If i = 6 Then

pc.Open()

persnupt.ExecuteNonQuery()

MsgBox("Updated Successful", MsgBoxStyle.Information)

End If

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

pc.ConnectionString = connstr

```
Pds1.persondat.Clear()
```

pda.Fill(Pds1.persondat)

DataView1.Table = Pds1.persondat

End Try

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click

If connctrl = 1 Then

dltpersn.Parameters("@id").Value = TextBox1.Text

Try

Dim i As Integer

i = MsgBox("Do You Want to Delete Person Realy", MsgBoxStyle.YesNo, "DELETE")

If i = 6 Then

pc.ConnectionString = connstr

pc.Open()

dltpersn.ExecuteNonQuery()

MsgBox("Person Deleted", MsgBoxStyle.Information)

End If

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

pc.ConnectionString = connstr

Pds1.persondat.Clear()

pda.Fill(Pds1.persondat)

DataView1.Table = Pds1.persondat

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

```
Me.Close()
End If
End Sub
```

```
Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click
```

If connctrl = 1 Then pc.ConnectionString = connstr Dim st As New DataSet Dim statueid As Integer pc.Open() findstid.Parameters("@statue").Value = ComboBox2.Text statueid = findstid.ExecuteScalar pc.Close() saveperson.Parameters("@id").Value = TextBox1.Text

If TextBox2.Text = "" Then

MsgBox("Enter A Name", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@name").Value = TextBox2.Text
End If

If TextBox3.Text = "" Then

MsgBox("Enter A Surname", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@surname").Value = TextBox3.Text End If

If ComboBox1.Text = "" Then

MsgBox("Select A Sex", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@sex").Value = ComboBox1.Text

End If

If TextBox6.Text = "" Then

MsgBox("Enter An Address", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@address").Value = TextBox6.Text
End If

If TextBox7.Text = "" Then

saveperson.Parameters("@phone").Value = "-"

Else

saveperson.Parameters("@phone").Value = TextBox7.Text
End If

.

If TextBox8.Text = "" Then

saveperson.Parameters("@email").Value = "-"

Else

saveperson.Parameters("@email").Value = TextBox8.Text

End If

If TextBox5.Text = "" Then

MsgBox("Enter A Password", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@password").Value = TextBox5.Text
End If

If TextBox4.Text = "" Then

saveperson.Parameters("@salery").Value = DBNull.Value Else

saveperson.Parameters("@salery").Value = TextBox4.Text

End If

If ComboBox3.Text = "" Then

MsgBox("Select a Moneyunit", MsgBoxStyle.Information) Exit Sub

Else

saveperson.Parameters("@moneyunit").Value = ComboBox3.Text
End If

```
saveperson.Parameters("@startingdate").Value = DateTimePicker1.Value
If ComboBox2.Text = "" Then
```

MsgBox("Select A Statute", MsgBoxStyle.Information)

Exit Sub

Else

saveperson.Parameters("@statue").Value = statueid

End If

Try

Dim i As Integer

i = MsgBox("Do You Want to Save Person Realy", MsgBoxStyle.YesNo, "SAVE")

If i = 6 Then

pc.ConnectionString = connstr

pc.Open()

saveperson.ExecuteNonQuery()

MsgBox("Saved Personel Successfully", MsgBoxStyle.Information)

End If

Catch ex As SqlClient.SqlException

If ex.Number = 2627 Then

MsgBox(TextBox1.Text & "Person ID Already Exist Please Change

Person ID and Try Again", MessageBoxIcon.Error)

Else

MsgBox(ex.Message & " (" & ex.Number & ")")

End If

Finally

pc.Close()

pc.ConnectionString = connstr

Pds1.persondat.Clear()

pda.Fill(Pds1.persondat)

DataView1.Table = Pds1.persondat

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub TextBox2_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox2.TextChanged

Me.AcceptButton = Button6

End Sub

Private Sub TextBox1_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox1.TextChanged

Me.AcceptButton = Button1

End Sub

Private Sub CheckBox2_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CheckBox2.CheckedChanged If CheckBox2.Checked = True Then Label37.Enabled = True Label38.Enabled = True DateTimePicker2.Enabled = True DateTimePicker3.Enabled = True End If If CheckBox2.Checked = False Then Label37.Enabled = False Label38.Enabled = False DateTimePicker2.Enabled = False DateTimePicker3.Enabled = False End If

Private Sub TextBox11_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs)

Me.AcceptButton = Button9

If change = ComboBox16.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

End Sub

```
Private Sub LinkLabel2_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel2.LinkClicked
ComboBox16.Enabled = True
change = ComboBox16.Text
End Sub
```

Private Sub LinkLabel3_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles LinkLabel3.LinkClicked

```
TextBox12.Enabled = True
change = TextBox12.Text
End Sub
```

```
Private Sub LinkLabel4_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel4.LinkClicked
```

```
ComboBox4.Enabled = True
change = ComboBox4.Text
End Sub
```

```
Private Sub LinkLabel5_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
```

LinkLabel5.LinkClicked

ComboBox5.Enabled = True

```
change = ComboBox5.Text
```

End Sub

```
Private Sub LinkLabel6_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
```

LinkLabel6.LinkClicked

```
TextBox14.Enabled = True
change = TextBox14.Text
spcctrl = 1
End Sub
```

Private Sub LinkLabel7_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles

LinkLabel7.LinkClicked

TextBox13.Enabled = True ComboBox6.Enabled = True change = TextBox13.Text change1 = ComboBox6.Text spcctrl = 1

End Sub

Private Sub LinkLabel8_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles

LinkLabel8.LinkClicked

TextBox15.Enabled = True change = TextBox15.Text End Sub

```
Private Sub LinkLabel9_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel9.LinkClicked
ComboBox8.Enabled = True
```

```
change = ComboBox8.Text
End Sub
```

```
Private Sub TextBox12_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox12.TextChanged
```

```
If change = TextBox12.Text Then
Button10.Enabled = False
Else
Button10.Enabled = True
End If
End Sub
```

```
Private Sub ComboBox4_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ComboBox4.SelectedIndexChanged
If change = ComboBox4.Text Then
Button10.Enabled = False
Else
Button10.Enabled = True
End If
End Sub
```

```
Private Sub ComboBox5_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ComboBox5.SelectedIndexChanged
If change = ComboBox5.Text Then
Button10.Enabled = False
Else
Button10.Enabled = True
End If
End Sub
```

Private Sub TextBox14_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox14.TextChanged

If change = TextBox14.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

If TextBox13.Text = "" Or TextBox14.Text = "" Or Not

IsNumeric(TextBox13.Text) Or Not IsNumeric(TextBox14.Text) Or spectrl = 0 Then

```
Exit Sub
End If
Dim price As Double
Dim vad As Double
Dim vadcost As Double
price = TextBox13.Text
vad = TextBox14.Text
vad = (vad / 100) + 1
vadcost = price - (price / vad)
Label61.Text = Math.Round(vadcost, 2)
End Sub
```

Private Sub TextBox13_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox13.TextChanged If change = TextBox13.Text Then Button10.Enabled = False Else

Button10.Enabled = True

End If

```
If TextBox13.Text = "" Or TextBox14.Text = "" Or Not
```

IsNumeric(TextBox14.Text) Or Not IsNumeric(TextBox13.Text) Or spectrl = 0 Then

Exit Sub End If Dim price As Double Dim vad As Double Dim vadcost As Double price = TextBox13.Text vad = TextBox14.Text vad = (vad / 100) + 1 vadcost = price - (price / vad) Label61.Text = Math.Round(vadcost, 2) End Sub

Private Sub ComboBox6_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ComboBox6.SelectedIndexChanged

If change1 = ComboBox6.Text Then Button10.Enabled = False Else Button10.Enabled = True End If End Sub

Private Sub TextBox15_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox15.TextChanged

If change = TextBox15.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

End Sub

Private Sub ComboBox8_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ComboBox8.SelectedIndexChanged

If change = ComboBox8.Text Then

Button10.Enabled = False

Else

Button10.Enabled = True

End If

End Sub

```
Private Sub CheckBox1_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CheckBox1.CheckedChanged
```

If CheckBox1.Checked = True Then

GroupBox5.Enabled = True

Else

```
GroupBox5.Enabled = False
TextBox23.Text = ""
ComboBox13.Text = ""
TextBox24.Text = ""
DateTimePicker2.Text = ""
DateTimePicker3.Text = ""
CheckBox2.Checked = False
End If
End Sub
```

```
Private Sub Button9_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button9.Click
If connctrl = 1 Then
If DateTimePicker3.Value < DateTimePicker2.Value Then
MsgBox("Campaign Starting date Not Greater Then Campaign Finishing
date", MessageBoxIcon.Error)
Exit Sub
End If
If TextBox9.Text = "" Or Not IsNumeric(TextBox9.Text) Then
```

MsgBox("Invalid Barcode", MessageBoxIcon.Error) Exit Sub

End If

productadd.Parameters("@barcode").Value = TextBox9.Text

If ComboBox14.Text = "" Then

MsgBox("Please Select A Product Type", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@producttype").Value = ComboBox14.Text End If

If ComboBox16.Text = "" Then

MsgBox("Please Enter A Mark", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@mark").Value = ComboBox16.Text

End If

If TextBox12.Text = "" Then

MsgBox("Please Enter A Package Amount", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@packageamount").Value = TextBox12.Text End If

If ComboBox4.Text = "" Then

MsgBox("Please Select A Package Unit", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@packageunit").Value = ComboBox4.Text End If

If ComboBox5.Text = "" Then

MsgBox("Please Select A Package Type", MessageBoxIcon.Error) Exit Sub

Else

productadd.Parameters("@packagetype").Value = ComboBox5.Text

End If

If TextBox14.Text = "" Then

productadd.Parameters("@tax").Value = 0

Else

productadd.Parameters("@tax").Value = TextBox14.Text

End If

If TextBox13.Text = "" Then

productadd.Parameters("@sellingprice").Value = 0

Else

productadd.Parameters("@sellingprice").Value = TextBox13.Text End If

productadd.Parameters("@moneyunit").Value = ComboBox6.Text

productadd.Parameters("@taxcost").Value = Label61.Text

If TextBox15.Text = "" Then

productadd.Parameters("(a)stock").Value = 0

Else

```
productadd.Parameters("@stock").Value = TextBox15.Text
```

End If

If ComboBox8.Text = "" Then

productadd.Parameters("@location").Value = "-"

Else

productadd.Parameters("@location").Value = ComboBox8.Text End If

Try

pc.ConnectionString = connstr

pc.Open()

productadd.ExecuteNonQuery()

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

campaignadd.Parameters("@barcode").Value = TextBox9.Text

If CheckBox2.Checked = True And CheckBox1.Checked = True Then campaignadd.Parameters("@startingdate").Value = DateTimePicker2.Text campaignadd.Parameters("@finishingdate").Value = DateTimePicker3.Text

```
ElseIf CheckBox1.Checked = False Then
```

campaignadd.Parameters("@startingdate").Value = "31.12.9998" campaignadd.Parameters("@finishingdate").Value = "31.12.9998"

ElseIf CheckBox1.Checked = True And CheckBox2.Checked = False Then campaignadd.Parameters("@startingdate").Value = DateTime.Today campaignadd.Parameters("@finishingdate").Value = "31.12.9998" End If

If TextBox24.Text = "" Then

campaignadd.Parameters("@notes").Value = "-"

Else

campaignadd.Parameters("@notes").Value = TextBox24.Text End If

If CheckBox1.Checked = True Then

```
If TextBox23.Text = "" Then
```

MsgBox("Please Enter A campaign Price or Calculate Campaign Price", MessageBoxIcon.Error)

Exit Sub

Else

campaignadd.Parameters("@campaignprice").Value = TextBox23.Text End If

Else

```
campaignadd.Parameters("@campaignprice").Value = 0
```

End If

If CheckBox1.Checked = True Then

If ComboBox13.Text = "" Then

MsgBox("Please Select Money Unit", MessageBoxIcon.Error) Exit Sub

Else

campaignadd.Parameters("@moneyunit").Value = ComboBox13.Text End If

Else

```
campaignadd.Parameters("@moneyunit").Value = "-"
End If
Try
  pc.ConnectionString = connstr
  pc.Open()
  campaignadd.ExecuteNonQuery()
  MsgBox("Product Add Successfully", MsgBoxStyle.Information)
Catch ex As SqlClient.SqlException
  MsgBox(ex.Message & " (" & ex.Number & ")")
Finally
  pc.Close()
End Try
pc.ConnectionString = connstr
Prdctds1.products.Clear()
listallproducts.Fill(Prdctds1.products)
Dim slctdr As DataRow
Dim i As Integer = 0
cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)
For Each slctdr In Prdctds1.products.Rows
  If slctdr.Item("barcode") = TextBox9.Text Then
    DataGrid2.Select(i)
    cm.Position = i
  End If
  i += 1
Next
TextBox9.Text = ""
ComboBox16.Text = ""
TextBox12.Text = ""
TextBox13.Text = ""
TextBox14.Text = ""
TextBox15.Text = ""
ComboBox14.Text = ""
ComboBox4.Text = ""
```

```
ComboBox5.Text = ""
```

ComboBox6.Text = "" ComboBox8.Text = "" CheckBox1.Checked = False ComboBox16.Enabled = True TextBox12.Enabled = True TextBox13.Enabled = True TextBox14.Enabled = True TextBox15.Enabled = True ComboBox4.Enabled = True ComboBox5.Enabled = True ComboBox6.Enabled = True Button11.Enabled = False Button10.Enabled = False

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

```
Private Sub LinkLabel10_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel10.LinkClicked
```

TabControl1.SelectedIndex = 0

End Sub

Private Sub Button14_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button14.Click

```
If connctrl = 1 Then
```

TextBox9.Text = ""

ComboBox16.Text = ""

TextBox12.Text = ""

```
TextBox13.Text = ""
```

TextBox14.Text = "" TextBox15.Text = "" ComboBox14.Text = "" ComboBox4.Text = "" ComboBox5.Text = "" ComboBox6.Text = "" ComboBox8.Text = "" CheckBox1.Checked = False Prdctds1.products.Clear() ComboBox16.Enabled = TrueTextBox12.Enabled = True TextBox13.Enabled = False TextBox14.Enabled = False TextBox15.Enabled = TrueComboBox4.Enabled = TrueComboBox5.Enabled = TrueComboBox6.Enabled = False ComboBox8.Enabled = True Button9.Enabled = True Button 11. Enabled = False Button 10. Enabled = FalseLabel61.Text = 0prdctDataView.RowFilter = "" Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button15_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button15.Click

If connectrl = 1 Then

prdctDataView.RowFilter = ""

ProgressBar1.Visible = True ProgressBar1.Value = 1 pc.ConnectionString = connstr ProgressBar1.Value = ProgressBar1.Value + 49 Prdctds1.products.Clear() ProgressBar1.Value = ProgressBar1.Value + 30 listallproducts.Fill(Prdctds1.products) ProgressBar1.Value = ProgressBar1.Value + 20 ProgressBar1.Visible = False

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub DataGrid2 DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid2.DoubleClick cm = CType(Me.BindingContext(prdctDataView), CurrencyManager) TextBox9.Text = DataGrid2.Item(cm.Position, 0) ComboBox14.Text = DataGrid2.Item(cm.Position, 1) ComboBox16.Text = DataGrid2.Item(cm.Position, 2) TextBox12.Text = DataGrid2.Item(cm.Position, 3) ComboBox4.Text = DataGrid2.Item(cm.Position, 4) ComboBox5.Text = DataGrid2.Item(cm.Position, 5) TextBox14.Text = DataGrid2.Item(cm.Position, 6) TextBox13.Text = DataGrid2.Item(cm.Position, 7) ComboBox6.Text = DataGrid2.Item(cm.Position, 8) Label61.Text = DataGrid2.Item(cm.Position, 9) ComboBox8.Text = DataGrid2.Item(cm.Position, 10) TextBox15.Text = DataGrid2.Item(cm.Position, 11) If DataGrid2.Item(cm.Position, 15) = 0 Then CheckBox1.Checked = False

CheckBox1.Checked = True

TextBox23.Text = DataGrid2.Item(cm.Position, 15)

ComboBox13.Text = DataGrid2.Item(cm.Position, 16)

TextBox24.Text = DataGrid2.Item(cm.Position, 14)

If DataGrid2.Item(cm.Position, 12) = "31.12.9999" Then

CheckBox2.Checked = False

Else

CheckBox2.Checked = True

DateTimePicker2.Text = DataGrid2.Item(cm.Position, 12)

DateTimePicker3.Text = DataGrid2.Item(cm.Position, 13)

End If

End If

ComboBox16.Enabled = False

TextBox12.Enabled = False

TextBox13.Enabled = False

TextBox14.Enabled = False

TextBox15.Enabled = False

ComboBox4.Enabled = False

ComboBox5.Enabled = False

ComboBox6.Enabled = False

ComboBox8.Enabled = False

Button9.Enabled = False

Button10.Enabled = False

Button11.Enabled = True

End Sub

Private Sub Button7_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button7.Click If connctrl = 1 Then If TextBox9.Text = "" Or Not IsNumeric(TextBox9.Text) Then MsgBox("Invalid Barcode", MessageBoxIcon.Error) Exit Sub End If Dim bsda As New SqlClient.SqlDataAdapter pc.ConnectionString = connstr barcodesrc.Parameters("@barcode").Value = TextBox9.Text bsda.SelectCommand = barcodesrc Prdctds1.products.Clear() bsda.Fill(Prdctds1.products) cm = CType(Me.BindingContext(prdctDataView), CurrencyManager) If cm.Position ≥ 0 Then TextBox9.Text = DataGrid2.Item(cm.Position, 0) ComboBox14.Text = DataGrid2.Item(cm.Position, 1) ComboBox16.Text = DataGrid2.Item(cm.Position, 2) TextBox12.Text = DataGrid2.Item(cm.Position, 3) ComboBox4.Text = DataGrid2.Item(cm.Position, 4) ComboBox5.Text = DataGrid2.Item(cm.Position, 5) TextBox14.Text = DataGrid2.Item(cm.Position, 6) TextBox13.Text = DataGrid2.Item(cm.Position, 7) ComboBox6.Text = DataGrid2.Item(cm.Position, 8) Label61.Text = DataGrid2.Item(cm.Position, 9) ComboBox8.Text = DataGrid2.Item(cm.Position, 10) TextBox15.Text = DataGrid2.Item(cm.Position, 11) If DataGrid2.Item(cm.Position, 15) = 0 Then CheckBox1.Checked = False Else CheckBox1.Checked = TrueTextBox23.Text = DataGrid2.Item(cm.Position, 15) ComboBox13.Text = DataGrid2.Item(cm.Position, 16) TextBox24.Text = DataGrid2.Item(cm.Position, 14) If DataGrid2.Item(cm.Position, 12) = "31.12.9999" Then CheckBox2.Checked = False Else CheckBox2.Checked = TrueDateTimePicker2.Text = DataGrid2.Item(cm.Position, 12) DateTimePicker3.Text = DataGrid2.Item(cm.Position, 13) End If End If

Dim sletdr As DataRow Dim i As Integer = 0 cm = CType(Me.BindingContext(prdctDataView), CurrencyManager) For Each sletdr In Prdctds1.products.Rows If sletdr.Item("barcode") = TextBox9.Text Then

DataGrid2.Select(i)

cm.Position = i

End If

i += 1

Next

ComboBox16.Enabled = False

TextBox12.Enabled = False

TextBox13.Enabled = False

TextBox14.Enabled = False

TextBox15.Enabled = False

ComboBox4.Enabled = False

ComboBox5.Enabled = False

ComboBox6.Enabled = False

ComboBox8.Enabled = False

Else

MsgBox("Product Was Not Found (Invalid Barcode)",

MessageBoxIcon.Error)

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub TextBox9_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox9.TextChanged

Me.AcceptButton = Button7

Button11.Enabled = False

End Sub

```
Private Sub ComboBox14_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ComboBox14.SelectedIndexChanged
```

Me.AcceptButton = Button8

End Sub

```
Private Sub Button8_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button8.Click
```

If connctrl = 1 Then

If ComboBox14.Text = "" Then

MsgBox("Please Select A Product Type", MsgBoxStyle.Information) Exit Sub

End If

pc.ConnectionString = connstr

Dim typda As New SqlClient.SqlDataAdapter

typesrc.Parameters("@producttype").Value = ComboBox14.Text & "%"

typda.SelectCommand = typesrc

Prdctds1.products.Clear()

typda.Fill(Prdctds1.products)

cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)

If cm.Position < 0 Then

MsgBox("Product Was Not Found", MessageBoxIcon.Error) End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button11_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button11.Click

If connctrl = 1 Then

Dim i As Integer

i = MsgBox("Do You Want to Delete Product Realy", MsgBoxStyle.YesNo, "DELETE")

If i = 6 Then

pc.ConnectionString = connstr

Try

pc.Open()

Dim co As New SqlClient.SqlCommand

co.CommandText = "delete from products where (barcode=" &

TextBox9.Text & ")"

co.Connection = pc

co.ExecuteNonQuery()

MsgBox("Product Deleted Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

End If

pc.ConnectionString = connstr

Prdctds1.products.Clear()

listallproducts.Fill(Prdctds1.products)

TextBox9.Text = ""

ComboBox16.Text = ""

TextBox12.Text = ""

TextBox13.Text = ""

TextBox14.Text = ""

TextBox15.Text = ""

ComboBox14.Text = ""

ComboBox4.Text = ""

ComboBox5.Text = ""

ComboBox6.Text = ""

ComboBox8.Text = ""

CheckBox1.Checked = False

ComboBox16.Enabled = True TextBox12.Enabled = True TextBox13.Enabled = True TextBox14.Enabled = True TextBox15.Enabled = True ComboBox4.Enabled = True ComboBox5.Enabled = True ComboBox6.Enabled = True Button11.Enabled = False Button10.Enabled = False

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button10_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button10.Click

If connctrl = 1 Then

If ComboBox14.Text = "" Then

MsgBox("Please Select A Product Type", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@producttype").Value = ComboBox14.Text End If

If ComboBox16.Text = "" Then

MsgBox("Please Enter A Mark", MessageBoxIcon.Error)

Exit Sub

Else

productupdate.Parameters("@mark").Value = ComboBox16.Text End If

If TextBox12.Text = "" Then

MsgBox("Please Enter A Package Amount", MessageBoxIcon.Error) Exit Sub

Elself Not IsNumeric(TextBox12.Text) Then

MsgBox("Invalid Package Amount", MessageBoxIcon.Error)

Exit Sub

Else

productupdate.Parameters("@packageamount").Value = TextBox12.Text End If

If ComboBox4.Text = "" Then

MsgBox("Please Select A Package Unit", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@packageunit").Value = ComboBox4.Text End If

If ComboBox5.Text = "" Then

MsgBox("Please Select A Package Type", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@packagetype").Value = ComboBox5.Text End If

If TextBox14.Text = "" Then

MsgBox("Please Enter A Tax", MessageBoxIcon.Error)

Exit Sub

ElseIf Not IsNumeric(TextBox14.Text) Then

MsgBox("Invalid Tax Amount", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@tax").Value = TextBox14.Text End If

If TextBox13.Text = "" Then

MsgBox("Please Enter A Selling Price", MessageBoxIcon.Error) Exit Sub

ElseIf Not IsNumeric(TextBox13.Text) Then

MsgBox("Invalid Selling Price", MessageBoxIcon.Error)

Exit Sub

Else

productupdate.Parameters("@sellingprice").Value = TextBox13.Text End If

If ComboBox6.Text = "" Then

MsgBox("Please Select A Money Unit", MessageBoxIcon.Error) Exit Sub

Else

productupdate.Parameters("@moneyunit").Value = ComboBox6.Text End If

productupdate.Parameters("@taxcost").Value = Label61.Text

If TextBox15.Text = "" Then

MsgBox("Please Enter Stock Amount", MessageBoxIcon.Error) Exit Sub

ElseIf Not IsNumeric(TextBox15.Text) Then

MsgBox("Invalid Stok Amount", MessageBoxIcon.Error) Exit Sub

Else

```
productupdate.Parameters("@stock").Value = TextBox15.Text
```

End If

```
If ComboBox8.Text = "" Then
```

productupdate.Parameters("@location").Value = "-"

Else

productupdate.Parameters("@location").Value = ComboBox8.Text End If

productupdate.Parameters("@barcode").Value = TextBox9.Text Try

Dim i As Integer

i = MsgBox("Do You Want to Update Product Realy", MsgBoxStyle.YesNo, "UPDATE")

If i = 6 Then

pc.ConnectionString = connstr

pc.Open()

productupdate.ExecuteNonQuery()

MsgBox("Product Updated Successfully", MsgBoxStyle.Information) End If Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Finally pc.Close() End Try pc.ConnectionString = connstr Prdctds1.products.Clear() listallproducts.Fill(Prdctds1.products) prdctDataView.RowFilter = "barcode=" & TextBox9.Text spcctrl = 0 Else MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button18_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button18.Click
```

```
If connctrl = 1 Then
```

If DateTimePicker3.Value < DateTimePicker2.Value Then

```
MsgBox("Campaign Starting date Not Greater Then Campaign Finishing
```

date", MessageBoxIcon.Error)

Exit Sub

End If

Dim i As Integer

i = MsgBox("Do You Want to Make A Campaign Realy", MsgBoxStyle.YesNo, "CAMPAIGN")

If i = 6 Then

If CheckBox2.Checked = True And CheckBox1.Checked = True Then campaignupdate.Parameters("@startingdate").Value =

DateTimePicker2.Text

campaignupdate.Parameters("@finishingdate").Value =

DateTimePicker3.Text

ElseIf CheckBox1.Checked = False Then

campaignupdate.Parameters("@startingdate").Value = "31.12.9998"

campaignupdate.Parameters("@finishingdate").Value = "31.12.9998"

ElseIf CheckBox1.Checked = True And CheckBox2.Checked = False Then campaignupdate.Parameters("@startingdate").Value = DateTime.Today campaignupdate.Parameters("@finishingdate").Value = "31.12.9998"

End If

If TextBox23.Text = "" Then

MsgBox("Please Enter A Campaign Price Or Calculate",

MessageBoxIcon.Error)

Exit Sub

ElseIf Not IsNumeric(TextBox15.Text) Then

MsgBox("Invalid Campaignprice", MessageBoxIcon.Error) Exit Sub

Else

campaignupdate.Parameters("@campaignprice").Value = TextBox23.Text End If

If ComboBox13.Text = "" Then

MsgBox("Please Select A Money Unit", MessageBoxIcon.Error) Exit Sub

Else

campaignupdate.Parameters("@moneyunit").Value = ComboBox13.Text End If

```
If TextBox24.Text = "" Then
```

campaignupdate.Parameters("@notes").Value = "-"

Else

campaignupdate.Parameters("@notes").Value = TextBox24.Text End If

campaignupdate.Parameters("@barcode").Value = TextBox9.Text Try

pc.ConnectionString = connstr

pc.Open()

campaignupdate.ExecuteNonQuery()

MsgBox("Made Campaign Successfully", MsgBoxStyle.Information) Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

pc.ConnectionString = connstr

Prdctds1.products.Clear()

listallproducts.Fill(Prdctds1.products)

Dim slctdr As DataRow

Dim slcti As Integer = 0

cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)

For Each slctdr In Prdctds1.products.Rows

If slctdr.Item("barcode") = TextBox9.Text Then

DataGrid2.Select(slcti)

cm.Position = slcti

End If

slcti += 1

Next

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button17_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button17.Click

If connctrl = 1 Then

If DateTimePicker3.Value < DateTimePicker2.Value Then

MsgBox("Campaign Starting date Not Greater Then Campaign Finishing date", MessageBoxIcon.Error)

Exit Sub

End If

Dim i As Integer

i = MsgBox("Do You Want to Update Campaign Realy", MsgBoxStyle.YesNo, "CAMPAIGN")

If i = 6 Then

If CheckBox2.Checked = True And CheckBox1.Checked = True Then campaignupdate.Parameters("@startingdate").Value =

DateTimePicker2.Text

campaignupdate.Parameters("@finishingdate").Value =

DateTimePicker3.Text

ElseIf CheckBox1.Checked = False Then

campaignupdate.Parameters("@startingdate").Value = "31.12.9998"

campaignupdate.Parameters("@finishingdate").Value = "31.12.9998"

ElseIf CheckBox1.Checked = True And CheckBox2.Checked = False Then

campaignupdate.Parameters("@startingdate").Value = DateTime.Today

campaignupdate.Parameters("@finishingdate").Value = "31.12.9998"

End If

If TextBox23.Text = "" Then

MsgBox("Please Enter A Campaign Price Or Calculate",

MessageBoxIcon.Error)

Exit Sub

Elself Not IsNumeric(TextBox15.Text) Then

MsgBox("Invalid Campaignprice", MessageBoxIcon.Error)

Exit Sub

Else

campaignupdate.Parameters("@campaignprice").Value = TextBox23.Text End If

If ComboBox13.Text = "" Then

MsgBox("Please Select A Money Unit", MessageBoxIcon.Error)

Exit Sub

Else

campaignupdate.Parameters("@moneyunit").Value = ComboBox13.Text End If

```
If TextBox24.Text = "" Then
```

campaignupdate.Parameters("@notes").Value = "-"

Else

campaignupdate.Parameters("@notes").Value = TextBox24.Text End If

campaignupdate.Parameters("@barcode").Value = TextBox9.Text

Try

pc.ConnectionString = connstr

pc.Open()

campaignupdate.ExecuteNonQuery()

MsgBox("Campaign Updated Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

pc.ConnectionString = connstr

Prdctds1.products.Clear()

listallproducts.Fill(Prdctds1.products)

Dim slctdr As DataRow

Dim slcti As Integer = 0

cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)

For Each slctdr In Prdctds1.products.Rows

If slctdr.Item("barcode") = TextBox9.Text Then

DataGrid2.Select(slcti)

cm.Position = slcti

```
End If
```

```
slcti += 1
```

Next

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button16_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button16.Click

If connctrl = 1 Then

pc.ConnectionString = connstr

Dim i As Integer

i = MsgBox("Do You Want to Cancel Campaign Realy", MsgBoxStyle.YesNo, "CAMPAIGN")

If i = 6 Then

campaignupdate.Parameters("@startingdate").Value = "31.12.9998" campaignupdate.Parameters("@finishingdate").Value = "31.12.9998" campaignupdate.Parameters("@campaignprice").Value = 0 campaignupdate.Parameters("@moneyunit").Value = "-" campaignupdate.Parameters("@notes").Value = "-" campaignupdate.Parameters("@barcode").Value = TextBox9.Text

Try

pc.Open()

campaignupdate.ExecuteNonQuery()

MsgBox("Campaign Canceled Successfully", MsgBoxStyle.Information) Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

CheckBox1.Checked = False

Prdctds1.products.Clear()

listallproducts.Fill(Prdctds1.products)

Dim slctdr As DataRow

Dim slcti As Integer = 0

cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)

For Each slctdr In Prdctds1.products.Rows

If slctdr.Item("barcode") = TextBox9.Text Then

```
DataGrid2.Select(slcti)

cm.Position = slcti

End If

slcti += 1

Next

End If

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)
```

Me.Close()

End If

End Sub

```
Private Sub CheckBox3_CheckedChanged(ByVal sender As System.Object, ByVal e
```

```
As System.EventArgs) Handles CheckBox3.CheckedChanged
```

```
If CheckBox3.Checked = True Then
```

```
TextBox32.Enabled = True
```

TextBox32.Focus()

Else

```
TextBox32.Enabled = False
TextBox32.Text = ""
Dim total As Double = 0
Dim dr As DataRow
For Each dr In Bbillitems1.bbitems.Rows
total = total + dr.Item("price")
Next
Label48.Text = total
End If
End Sub
```

Private Sub LinkLabel12_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles LinkLabel12.LinkClicked

```
TabControl1.SelectedIndex = 0
```
End Sub

Private Sub Button13 Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button13.Click If connctrl = 1 Then Dim f5 As New Form5 f5.ShowDialog() If bsctrl = 0 Then Button25.Enabled = False Exit Sub End If Button25.Enabled = True TextBox16.Text = billnoDateTimePicker4.Text = bdate TextBox17.Text = firmidDim fc As New SqlClient.SqlConnection Dim fco As New SqlClient.SqlCommand Dim fname As String fc.ConnectionString = connstr fco.Connection = fcfco.CommandText = "select name from firmdat where (id=" & firmid & ")" fc.Open() fname = fco.ExecuteScalar fc.Close() TextBox18.Text = fnameTextBox19.Text = personid Dim prsnc As New SqlClient.SqlConnection Dim pco As New SqlClient.SqlCommand Dim pco1 As New SqlClient.SqlCommand Dim pname As String prsnc.ConnectionString = connstr pco.Connection = prsnc pco1.Connection = prsnc pco.CommandText = "select name from persondat where (id=" & personid & ")" pco1.CommandText = "select surname from persondat where (id=" & personid & ")"

)

prsnc.Open() pname = pco.ExecuteScalar & " " & pco1.ExecuteScalar prsnc.Close() TextBox20.Text = pname pc.ConnectionString = connstr Dim bida As New SqlClient.SqlDataAdapter selectbillitems.Parameters("@billno").Value = billno bida.SelectCommand = selectbillitems Bbillitems1.bbitems.Clear() bida.Fill(Bbillitems1.bbitems) Label 45.Text = totaltaxcostLabel46.Text = moneyunit Label 48.Text = totalLabel47.Text = moneyunit If discount = 0 Then CheckBox3.Checked = FalseTextBox32.Text = discountElse CheckBox3.Checked = True TextBox32.Text = discountEnd If bsctrl = 0

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub DataGrid3_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid3.CurrentCellChanged cm = CType(Me.BindingContext(bbitemdw), CurrencyManager)

DataGrid3.Select(cm.Position) End Sub

```
Private Sub DataGrid2_CurrentCellChanged(ByVal sender As Object, ByVal e As
System. EventArgs) Handles DataGrid2. CurrentCellChanged
    cm = CType(Me.BindingContext(prdctDataView), CurrencyManager)
    DataGrid2.Select(cm.Position)
```

End Sub

```
Private Sub Button19_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button19.Click
```

```
If connctrl = 1 Then
  Dim f6 As New Form6
  f6.ShowDialog()
  TextBox17.Text = fid
  TextBox18.Text = firmname
```

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

```
Me.Close()
  End If
End Sub
```

```
Private Sub TabPage4 MouseMove(ByVal sender As Object, ByVal e As
System.Windows.Forms.MouseEventArgs) Handles TabPage4.MouseMove
    If TextBox19.Text = "" Or TextBox20.Text = "" Then
      TextBox19.Text = pid
      TextBox20.Text = pname & " " & surname
    End If
  End Sub
```

Private Sub Button12_Click(ByVal sender As System.Object, ByVal e Assi System.EventArgs) Handles Button12.Click E LIBRARY F

If connctrl = 1 Then

Dim f7 As New Form7 f7.ShowDialog() TextBox21.Text = barcode TextBox22.Text = producttype TextBox25.Text = mark TextBox26.Text = packageamount TextBox27.Text = packageunit TextBox28.Text = packagetype

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close() End If End Sub

```
Private Sub TextBox30_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox30.TextChanged
If TextBox29.Text = "" Or TextBox30.Text = "" Or Not
IsNumeric(TextBox30.Text) Then
Exit Sub
End If
Dim price As Double
Dim vad As Double
Dim vad cost As Double
price = TextBox29.Text
vad = TextBox29.Text
vad = (vad / 100) + 1
vadcost = price - (price / vad)
TextBox33.Text = Math.Round(vadcost, 2)
```

End Sub

Private Sub TextBox29_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox29.TextChanged

If TextBox29.Text = "" Or TextBox30.Text = "" Or Not IsNumeric(TextBox30.Text) Then Exit Sub End If Dim price As Double Dim vad As Double Dim vadcost As Double price = TextBox29.Text vad = TextBox30.Text vad = (vad / 100) + 1 vadcost = price - (price / vad) TextBox33.Text = Math.Round(vadcost, 2) End Sub

Private Sub Button26_Click(ByVal sender As System.Object, ByVal e As

System.EventArgs) Handles Button26.Click

TextBox16.Text = "" DateTimePicker4.Text = "" TextBox17.Text = "" TextBox18.Text = "" TextBox19.Text = "" TextBox20.Text = "" TextBox21.Text = "" TextBox22.Text = "" TextBox25.Text = "" TextBox26.Text = "" TextBox27.Text = "" TextBox28.Text = "" TextBox29.Text = "" ComboBox7.Text = "" TextBox30.Text = "" TextBox31.Text = "" TextBox33.Text = "" CheckBox3.Checked = False TextBox32.Text = "" Label46.Text = "" Label47.Text = "" Label45.Text = 0 Label48.Text = 0 Bbillitems1.bbitems.Clear() Button25.Enabled = False End Sub

```
Private Sub Button21_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button21.Click
    If connctrl = 1 Then
      Dim dr As DataRow
      dr = Bbillitems1.bbitems.NewRow
      If TextBox16.Text = "" Then
         MsgBox("Please Enter A Bill No", MessageBoxIcon.Error)
         TextBox16.Focus()
         Exit Sub
       Else
         dr.Item("billno") = TextBox16.Text
       End If
       If TextBox21.Text = "" Then
         MsgBox("Please Enter A Barcode", MessageBoxIcon.Error)
         TextBox21.Focus()
         Exit Sub
       Else
         dr.Item("barcode") = TextBox21.Text
         dr.Item("producttype") = TextBox22.Text
         dr.Item("mark") = TextBox25.Text
         dr.Item("packageamount") = TextBox26.Text
         dr.Item("packageunit") = TextBox27.Text
         dr.Item("packagetype") = TextBox28.Text
       End If
       If TextBox31.Text = "" Then
```

```
MsgBox("Please Enter Amount", MessageBoxIcon.Error)
  TextBox31.Focus()
  Exit Sub
Else
  dr.Item("amount") = TextBox31.Text
End If
If TextBox30.Text = "" Then
  MsgBox("Please Enter VAD as Percent", MessageBoxIcon.Error)
  TextBox30.Focus()
  Exit Sub
Else
  dr.Item("tax") = TextBox30.Text
End If
If TextBox29.Text = "" Then
  MsgBox("Please Enter A Price", MessageBoxIcon.Error)
  TextBox29.Focus()
  Exit Sub
Else
  dr.Item("price") = TextBox29.Text
End If
If ComboBox7.Text = "" Then
  MsgBox("Please Select A Moneyunit", MessageBoxIcon.Error)
  ComboBox7.Focus()
  Exit Sub
Else
  dr.Item("moneyunit") = ComboBox7.Text
End If
dr.Item("taxcost") = TextBox33.Text
Bbillitems1.bbitems.Rows.Add(dr)
cm = CType(Me.BindingContext(bbitemdw), CurrencyManager)
cm.Position = cm.Count - 1
Dim ttaxcost As Double
Dim total As Double
ttaxcost = Label 45.Text
```

total = Label48.Text

Label45.Text = Math.Round(ttaxcost + TextBox33.Text, 2) Label48.Text = Math.Round(total + TextBox29.Text, 2) Label46.Text = ComboBox7.Text Label47.Text = ComboBox7.Text TextBox20.Text = "" TextBox21.Text = "" TextBox22.Text = "" TextBox25.Text = "" TextBox26.Text = ""

TextBox28.Text = ""

TextBox29.Text = ""

TextBox30.Text = ""

TextBox31.Text = ""

TextBox33.Text = ""

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button22_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button22.Click

If connctrl = 1 Then

If cm.Position ≥ 0 Then

If CheckBox3.Checked = True And TextBox32.Text <> "" Then MsgBox("You Must Cancel Discouunt Before Item Remove", MessageBoxIcon.Error)

Exit Sub

End If

cm = CType(Me.BindingContext(bbitemdw), CurrencyManager)
Dim ttaxcost As Double

Dim total As Double

ttaxcost = Label45.Text

total = Label48.Text

Label45.Text = Math.Round(ttaxcost - DataGrid3.Item(cm.Position, 11), 2)

```
Label48.Text = Math.Round(total - DataGrid3.Item(cm.Position, 9), 2)
```

Bbillitems1.bbitems.Rows.RemoveAt(cm.Position)

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub TextBox32_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox32.TextChanged
```

If TextBox32.Text = "" Or Not IsNumeric(TextBox32.Text) Or

CheckBox3.Checked = False Then

Dim ototal As Double = 0

Dim odr As DataRow

For Each odr In Bbillitems1.bbitems.Rows

```
ototal = ototal + odr.Item("price")
```

Next

Label48.Text = ototal

Exit Sub

End If

Dim total As Double = 0

Dim taxcost As Double = 0

Dim discountamount As Double

Dim dr As DataRow

For Each dr In Bbillitems1.bbitems.Rows

```
total = total + dr.Item("price")
```

```
taxcost = taxcost + dr.Item("taxcost")
```

Next

```
discountamount = ((Math.Round(total - taxcost, 2)) * (TextBox32.Text / 100))
Label48.Text = (Math.Round(Math.Round(total - taxcost, 2) - discountamount, 2))
+ taxcost
```

End Sub

```
Private Sub Button23 Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button23.Click
    If connctrl = 1 Then
       If TextBox16.Text = "" Then
         MsgBox("Please Enter A Bill No", MessageBoxIcon.Error)
         TextBox16.Focus()
         Exit Sub
       Else
         bbilladd.Parameters("@billno").Value = TextBox16.Text
       End If
       bbilladd.Parameters("@bdate").Value = DateTimePicker4.Text
       If TextBox17.Text = "" Then
         MsgBox("Please Enter A Firm", MessageBoxIcon.Error)
         TextBox17.Focus()
         Exit Sub
       Else
         bbilladd.Parameters("@firmid").Value = TextBox17.Text
       End If
```

bbilladd.Parameters("@personid").Value = TextBox19.Text bbilladd.Parameters("@totaltaxcost").Value = Label45.Text bbilladd.Parameters("@total").Value = Label48.Text bbilladd.Parameters("@moneyunit").Value = Label47.Text If TextBox32.Text = "" Then bbilladd.Parameters("@discount").Value = 0 Else

bbilladd.Parameters("@discount").Value = TextBox32.Text End If

'firm account save

faccountsave.Parameters("@date").Value = DateTimePicker4.Value

faccoun	tsave.Parameters("@firmid").Value = 0	
faccoun	faccountsave.Parameters("@billno").Value = TextBox16.Text	
faccountsave.Parameters("@recipientfirmid").Value = TextBox17.Text		
faccountsave.Parameters("@recipientfirm").Value = TextBox18.Text		
faccoun	faccountsave.Parameters("@dept").Value = Label48.Text	
faccoun	tsave.Parameters("@payment").Value = 0	
faccoun	ntsave.Parameters("@moneyunit").Value = Label47.Text	
Try		
pc.Co	onnectionString = connstr	
pc.Oj	pen()	
bbilla	add.ExecuteNonQuery() 'buyying bill add	
faccountsave.ExecuteNonQuery() 'firm account save		
Dim	incdr As DataRow	
cm =	CType(Me.BindingContext(bbitemdw), CurrencyManager)	
cm.P	Position = 0	
For H	Each incdr In Bbillitems1.bbitems.Rows	
'bi	llitems add	
bb	itemsadd.Parameters("@billno").Value = DataGrid3.Item(cm.Position,	
0)		
bb	itemsadd.Parameters("@barcode").Value = DataGrid3.Item(cm.Position,	
1)		
bb	itemsadd.Parameters("@amount").Value = DataGrid3.Item(cm.Position,	
7)		
bb	itemsadd.Parameters("@tax").Value = DataGrid3.Item(cm.Position, 8)	
bb	vitemsadd.Parameters("@price").Value = DataGrid3.Item(cm.Position, 9)	
bb	itemsadd.Parameters("@moneyunit").Value =	
DataGrid3.Iten	n(cm.Position, 10)	
bb	vitemsadd.Parameters("@taxcost").Value = DataGrid3.Item(cm.Position,	
11)		
bb	vitemsadd.ExecuteNonQuery()	
'in	creace stock	
Di	im sco As New SqlClient.SqlCommand	
Di	im stock As Double	
SC	o.Connection = pc	

sco.CommandText = "select stock from products where (barcode=" & _ DataGrid3.Item(cm.Position, 1) & ")" stock = sco.ExecuteScalar() stock = stock + DataGrid3.Item(cm.Position, 7) Dim co As New SqlClient.SqlCommand co.Connection = pcco.CommandText = "update products set stock=" & stock & _ "where (barcode=" & DataGrid3.Item(cm.Position, 1) & ")" co.ExecuteNonQuery() 'calculate selling price Dim i As Integer 'find real stok (stock - DataGrid3.Item(cm.Position, 7)) 'find stock amount before not increace If stock - DataGrid3.Item(cm.Position, 7) > 0 Then $i = MsgBox("There Are " \& stock - DataGrid3.Item(cm.Position, 7) \& _$ "-" & DataGrid3.Item(cm.Position, 1) & " -" & DataGrid3.Item(cm.Position, 3) & _ " -" & DataGrid3.Item(cm.Position, 4) & " -" & DataGrid3.Item(cm.Position, 5) & "-" & DataGrid3.Item(cm.Position, 6) & "in Stock" & _ "In Do You Want To Change Selling Price With New Calculated Selling Price", MsgBoxStyle.YesNo, "Change Selling Price") Else

Eise

i = 6

End If

If i = 6 Then

'calculate selling price according to setting formula

Dim sp As Double = 0

Dim wt As Double = 0

Dim utc As Double = 0

Dim total As Double = 0

Dim taxcost As Double = 0

total = incdr.Item("price")

taxcost = incdr.Item("taxcost")

```
wt = Math.Round((total - taxcost) / incdr.Item("amount"), 2)
'read formula from data base
Dim spcco As New SqlClient.SqlCommand
Dim spcda As New SqlClient.SqlDataAdapter
Dim spcds As New DataSet
spcco.Connection = pc
spcco.CommandText = "select * from sellingpricecalc"
spcda.SelectCommand = spcco
spcds.Clear()
spcda.Fill(spcds, "sp")
Dim spcdr As DataRow
Dim pq As Integer = 0
'apply the formula
For Each spcdr In spcds.Tables("sp").Rows
  If spcdr.Item("p1") = "%" Then
     sp = Math.Round(wt * spcdr.Item("p1a"), 2)
     pq = 1
  End If
  If spcdr.Item("p1") = "+" Then
     sp = Math.Round(wt + spcdr.Item("p1a"), 2)
     pq = 1
  End If
  If pq = 1 And spcdr.Item("p2") = "+" Then
     sp = Math.Round(sp + spcdr.Item("p2a"), 2)
  End If
  If pq = 1 And spcdr.Item("p2") = "%" Then
     sp = Math.Round(sp * spcdr.Item("p2a"), 2)
  End If
  If pq = 0 And spcdr.Item("p2") = "+" Then
     sp = Math.Round(wt + spcdr.Item("p2a"), 2)
  End If
  If pq = 0 And spcdr.Item("p2") = "%" Then
     sp = Math.Round(wt * spcdr.Item("p2a"), 2)
  End If
```

Next

utc = Math.Round(taxcost / incdr.Item("amount"), 2)
sp = Math.Round(sp + utc, 2)
'converter (convert x,x to x.x) to sql server
Dim cntr As Integer = 0
Dim nsp As String = ""
Dim nutc As String = ""
While (cntr < sp.ToString.Length)
If sp.ToString.Chars(cntr) = "," Then
 nsp = nsp + "."
Else
 nsp += sp.ToString.Chars(cntr)
End If
 cntr += 1
End While</pre>

cntr = 0

While (cntr < utc.ToString.Length)
If utc.ToString.Chars(cntr) = "," Then
 nutc = nutc + "."
Else
 nutc += utc.ToString.Chars(cntr)
End If</pre>

```
cntr += 1
```

End While

'converter end (price convert x,x to x.x for accept command by sql

query)

Dim spuco As New SqlClient.SqlCommand

spuco.Connection = pc

spuco.CommandText = "update products set sellingprice=" & nsp & _

", taxcost=" & nutc & _

", tax=" & DataGrid3.Item(cm.Position, 8) & _____

"where(barcode=" & DataGrid3.Item(cm.Position, 1) & ")"

spuco.ExecuteNonQuery()

End If

cm.Position += 1

Next

MsgBox("Save Bill Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

If ex.Number = 2627 Then

MsgBox("Already Exist Bill With This Bill No", MessageBoxIcon.Error) Else

MsgBox(ex.Message & " (" & ex.Number & ")")

End If

Finally

pc.Close()

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub ComboBox7_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ComboBox7.SelectedIndexChanged
```

```
Label46.Text = ComboBox7.Text
```

Label47.Text = ComboBox7.Text

End Sub

```
Private Sub Button24_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button24.Click
pc.ConnectionString = connstr
If connctrl = 1 Then
If TextBox16.Text = "" Then
MsgBox("Please Select A Bill No", MessageBoxIcon.Error)
TextBox16.Focus()
Exit Sub
```

End If Dim ic As Integer ic = MsgBox("Do You Want to Update Buyying Bill Realy", MsgBoxStyle.YesNo, "UPDATE") If ic \sim 6 Then Exit Sub

End If

Dim cdr As DataRow

cm = CType(Me.BindingContext(bbitemdw), CurrencyManager)

cm.Position = 0

For Each cdr In Bbillitems1.bbitems.Rows

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

DataGrid3.Item(cm.Position, 1) & ")"

pc.Open()

stock = sco.ExecuteScalar()

pc.Close()

Dim biac As New SqlClient.SqlCommand Dim bia As Double

biac.Connection = pc

biac.CommandText = "select amount from bbitems where (billno=" & _

DataGrid3.Item(cm.Position, 0) & "and barcode=" &

DataGrid3.Item(cm.Position, 1) & _

")"

pc.Open()
bia = biac.ExecuteScalar()

pc.Close()

If stock - bia < 0 Then

MsgBox("You Have Not Enaugh Stok For Update", MessageBoxIcon.Error) Exit Sub End If cm.Position += 1Next cm.Position = 0Dim dr As DataRow For Each dr In Bbillitems1.bbitems.Rows 'Product Stock Update 'find now product's stok Dim sco As New SqlClient.SqlCommand Dim stock As Double sco.Connection = pc sco.CommandText = "select stock from products where (barcode=" & _ DataGrid3.Item(cm.Position, 1) & ")" pc.Open() stock = sco.ExecuteScalar() pc.Close() 'find old added stok Dim biac As New SqlClient.SqlCommand Dim bia As Double biac.Connection = pcbiac.CommandText = "select amount from bbitems where (billno=" & _ DataGrid3.Item(cm.Position, 0) & "and barcode=" & DataGrid3.Item(cm.Position, 1) & _ ")" pc.Open() bia = biac.ExecuteScalar() pc.Close() 'update Product' s Stok Dim ups As New SqlClient.SqlCommand ups.Connection = pc

ups.CommandText = "update products set stock=" & stock - bia & _ "where (barcode=" & DataGrid3.Item(cm.Position, 1) & ")" pc.Open() ups.ExecuteNonQuery() pc.Close() 'increase product stock Dim rsco As New SqlClient.SqlCommand Dim rstock As Double rsco.Connection = pcrsco.CommandText = "select stock from products where (barcode=" & _ DataGrid3.Item(cm.Position, 1) & ")" pc.Open() rstock = rsco.ExecuteScalar() pc.Close() Dim ips As New SqlClient.SqlCommand ips.Connection = pc ips.CommandText = "update products set stock=" & rstock + DataGrid3.Item(cm.Position, 7) & _ "where (barcode=" & DataGrid3.Item(cm.Position, 1) & ")" pc.Open() ips.ExecuteNonQuery() pc.Close() 'finish product's Stock update 'update buying bill items Dim bbida As New SqlClient.SqlDataAdapter 'bbida = buying bill item data adapter Dim bbico As New SqlClient.SqlCommand Dim bbids As New DataSet bbico.Connection = pc bbico.CommandText = "select * from bbitems where billno=" &

TextBox16.Text

bbida.SelectCommand = bbico

bbids.Clear()

bbida.Fill(bbids, "cbbi")

Dim bbidr As DataRow

For Each bbidr In bbids.Tables("cbbi").Rows

If bbidr.Item("barcode") = DataGrid3.Item(cm.Position, 1) Then 'buying bill items update

bbitemsupdate.Parameters("@billno").Value =

DataGrid3.Item(cm.Position, 0)

bbitemsupdate.Parameters("@barcode").Value =

DataGrid3.Item(cm.Position, 1)

bbitemsupdate.Parameters("@amount").Value =

DataGrid3.Item(cm.Position, 7)

bbitemsupdate.Parameters("@tax").Value =

DataGrid3.Item(cm.Position, 8)

bbitemsupdate.Parameters("@price").Value =

DataGrid3.Item(cm.Position, 9)

```
bbitemsupdate.Parameters("@moneyunit").Value =
```

DataGrid3.Item(cm.Position, 10)

bbitemsupdate.Parameters("@taxcost").Value =

DataGrid3.Item(cm.Position, 11)

Try

```
pc.Open()
```

bbitemsupdate.ExecuteNonQuery()

Exit For

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

Else

'buying bill items add

bbitemsadd.Parameters("@billno").Value = DataGrid3.Item(cm.Position,

```
bbitemsadd.Parameters("@barcode").Value =
```

DataGrid3.Item(cm.Position, 1)

bbitemsadd.Parameters("@amount").Value =

DataGrid3.Item(cm.Position, 7)

bbitemsadd.Parameters("@tax").Value = DataGrid3.Item(cm.Position, 8) bbitemsadd.Parameters("@price").Value = DataGrid3.Item(cm.Position,

9)

```
bbitemsadd.Parameters("@moneyunit").Value =
```

DataGrid3.Item(cm.Position, 10)

```
bbitemsadd.Parameters("@taxcost").Value =
```

DataGrid3.Item(cm.Position, 11)

Try

pc.Open() bbitemsadd.ExecuteNonQuery() Exit For Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try End If

'calculate selling price

Dim i As Integer

Next

If stock - bia > 0 Then

i = MsgBox("There Are " & stock & _

```
" -" & DataGrid3.Item(cm.Position, 1) &
```

```
"-" & DataGrid3.Item(cm.Position, 3) &
```

"-" & DataGrid3.Item(cm.Position, 4) &

" -" & DataGrid3.Item(cm.Position, 5) & _

" -" & DataGrid3.Item(cm.Position, 6) & "in Stock" &

"\n Do You Want To Change Selling Price With New Calculated Selling Price", MsgBoxStyle.YesNo, "Change Selling Price")

Else

i = 6

End If

If i = 6 Then

'calculate selling price according to setting formula

Dim sp As Double = 0

Dim wt As Double = 0

Dim utc As Double = 0

Dim total As Double = 0

Dim taxcost As Double = 0

total = dr.Item("price")

taxcost = dr.Item("taxcost")

wt = Math.Round((total - taxcost) / dr.Item("amount"), 2)

'read formula from data base

Dim spcco As New SqlClient.SqlCommand

Dim spcda As New SqlClient.SqlDataAdapter

Dim spcds As New DataSet

spcco.Connection = pc

spcco.CommandText = "select * from sellingpricecalc"

spcda.SelectCommand = spcco

spcds.Clear()

spcda.Fill(spcds, "sp")

Dim spcdr As DataRow

Dim pq As Integer = 0

'apply the formula

For Each spcdr In spcds.Tables("sp").Rows

If spcdr.Item("p1") = "%" Then

sp = Math.Round(wt * spcdr.Item("p1a"), 2)

pq = 1

End If

If spcdr.Item("p1") = "+" Then

sp = Math.Round(wt + spcdr.Item("p1a"), 2)

```
pq = 1
 End If
 If pq = 1 And spcdr.Item("p2") = "+" Then
    sp = Math.Round(sp + spcdr.Item("p2a"), 2)
 End If
 If pq = 1 And spcdr.Item("p2") = "%" Then
    sp = Math.Round(sp * spcdr.Item("p2a"), 2)
  End If
  If pq = 0 And spcdr.Item("p2") = "+" Then
    sp = Math.Round(wt + spcdr.Item("p2a"), 2)
  End If
  If pq = 0 And spcdr.Item("p2") = "%" Then
    sp = Math.Round(wt * spcdr.Item("p2a"), 2)
  End If
Next
utc = Math.Round(taxcost / dr.Item("amount"), 2)
sp = Math.Round(sp + utc, 2)
'converter (convert x,x to x.x) to sql server
Dim cntr As Integer = 0
Dim nsp As String = ""
Dim nutc As String = ""
While (cntr < sp.ToString.Length)
   If sp.ToString.Chars(cntr) = "," Then
     nsp = nsp + "."
   Else
```

```
nsp += sp.ToString.Chars(cntr)
End If
cntr += 1
End While
MsgBox(nsp)
cntr = 0
While (cntr < utc.ToString.Length)
If utc.ToString.Chars(cntr) = "," Then
nutc = nutc + "."</pre>
```

```
Else
```

nutc += utc.ToString.Chars(cntr)

End If

cntr += 1

End While

'converter end (price convert x,x to x.x for accept command by sql query)

Dim spuco As New SqlClient.SqlCommand

spuco.Connection = pc

spuco.CommandText = "update products set sellingprice=" & nsp & _

", taxcost=" & nutc & _

", tax=" & DataGrid3.Item(cm.Position, 8) & _

"where(barcode=" & DataGrid3.Item(cm.Position, 1) & ")"

pc.Open()

```
spuco.ExecuteNonQuery()
```

pc.Close()

End If

```
cm.Position = cm.Position + 1
```

Next

'if product have not in new list delete and product stock update

Dim cbbida As New SqlClient.SqlDataAdapter 'cbbida = control buying bill item data adapter

Dim cbbico As New SqlClient.SqlCommand

Dim cbbids As New DataSet

cbbico.Connection = pc

cbbico.CommandText = "select * from bbitems where billno=" &

TextBox16.Text

cbbida.SelectCommand = cbbico

cbbids.Clear()

cbbida.Fill(cbbids, "cbbi")

Dim cbbidr As DataRow

cm.Position = 0

For Each cbbidr In cbbids.Tables("cbbi").Rows

If cbbidr.Item("barcode") \Leftrightarrow DataGrid3.Item(cm.Position, 1) Then

```
Dim rsco As New SqlClient.SqlCommand
          Dim rstock As Double
          rsco.Connection = pc
          cbbidr.Item("barcode") & ")"
          pc.Open()
          rstock = rsco.ExecuteScalar()
          pc.Close()
          Dim ups As New SqlClient.SqlCommand
          ups.Connection = pc
          ups.CommandText = "update products set stock=" & rstock -
cbbidr.Item("amount") & _
          "where (barcode=" & cbbidr.Item("barcode") & ")"
          pc.Open()
          ups.ExecuteNonQuery()
          pc.Close()
          Dim dico As New SqlClient.SqlCommand
          dico.Connection = pc
          dico.CommandText = "delete from bbitems where(billno=" &
TextBox16.Text &
          "and barcode=" & cbbidr.Item("barcode") & ")"
          pc.Open()
          dico.ExecuteNonQuery()
          pc.Close()
        End If
        cm.Position += 1
      Next
```

buyingbillupdate.Parameters("@billno").Value = TextBox16.Text buyingbillupdate.Parameters("@bdate").Value = DateTimePicker4.Text If TextBox17.Text = "" Then MsgBox("Please Select A Firm", MessageBoxIcon.Error) TextBox17.Focus() Exit Sub

Else

buyingbillupdate.Parameters("@firmid").Value = TextBox17.Text End If

buyingbillupdate.Parameters("@personid").Value = TextBox19.Text buyingbillupdate.Parameters("@totaltaxcost").Value = Label45.Text buyingbillupdate.Parameters("@total").Value = Label48.Text buyingbillupdate.Parameters("@moneyunit").Value = Label47.Text If TextBox32.Text = "" Then

buyingbillupdate.Parameters("@discount").Value = 0

Else

buyingbillupdate.Parameters("@discount").Value = TextBox32.Text End If

'firm account update

faccountupdate.Parameters("@date").Value = DateTimePicker4.Value faccountupdate.Parameters("@firmid").Value = 0

faccountupdate.Parameters("@billno").Value = TextBox16.Text

faccountupdate.Parameters("@recipientfirmid").Value = TextBox17.Text

faccountupdate.Parameters("@recipientfirm").Value = TextBox18.Text

faccountupdate.Parameters("@dept").Value = Label48.Text

faccountupdate.Parameters("@payment").Value = 0

faccountupdate.Parameters("@moneyunit").Value = Label47.Text

Try

pc.ConnectionString = connstr

pc.Open()

buyingbillupdate.ExecuteNonQuery() 'buyying bill update

faccountupdate.ExecuteNonQuery() 'firm account update

MsgBox("Update Bill Successfully", MsgBoxStyle.Information) Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close() End Try Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button25_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button25.Click

If connctrl = 1 Then

Dim faco As New SqlClient.SqlCommand

Dim dco As New SqlClient.SqlCommand

Dim dico As New SqlClient.SqlCommand

pc.ConnectionString = connstr

faco.Connection = pc

dco.Connection = pc

dico.Connection = pc

faco.CommandText = "delete from firmaccount where(billno=" &

TextBox16.Text & ")"

```
dco.CommandText = "delete from buyingbill where(billno= " &
```

TextBox16.Text & ")"

dico.CommandText = "delete from bbitems where(billno=" & TextBox16.Text
& ")"

Try

Dim i As Integer

i = MsgBox("Do You Want to Delete Buyying Bill Realy. This Process Maybe Effect Another Process", MsgBoxStyle.YesNo + MessageBoxIcon.Question, "DELETE")

```
If i = 6 Then

pc.Open()

Dim cdr As DataRow

Dim dr As DataRow

cm = CType(Me.BindingContext(bbitemdw), CurrencyManager)

cm.Position = 0
```

For Each cdr In Bbillitems1.bbitems.Rows

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

DataGrid3.Item(cm.Position, 1) & ")"

stock = sco.ExecuteScalar()

If stock < DataGrid3.Item(cm.Position, 7) Then

MsgBox("Canceled Delete Process You Have Not Enough Stock",

MsgBoxStyle.Critical, "cancel")

Exit Sub

End If

Next

'decrease stock

cm.Position = 0

For Each dr In Bbillitems1.bbitems.Rows

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

DataGrid3.Item(cm.Position, 1) & ")"

stock = sco.ExecuteScalar()

stock = stock - DataGrid3.Item(cm.Position, 7)

Dim co As New SqlClient.SqlCommand

co.Connection = pc

co.CommandText = "update products set stock=" & stock & _

"where (barcode=" & DataGrid3.Item(cm.Position, 1) & ")"

co.ExecuteNonQuery()

cm.Position += 1

Next

'decrease stok end

faco.ExecuteNonQuery()

dco.ExecuteNonQuery()

dico.ExecuteNonQuery()

MsgBox("Buying Bill Deleted Successfully", MsgBoxStyle.Information) TextBox16.Text = "" DateTimePicker4.Text = "" TextBox17.Text = "" TextBox18.Text = "" TextBox19.Text = "" TextBox20.Text = "" Label45.Text = "" Label46.Text = "" Label47.Text = "" Label48.Text = "" CheckBox3.Checked = False TextBox32.Text = "" Bbillitems1.bbitems.Clear() Button 25. Enabled = FalseEnd If Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Finally pc.Close() End Try Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub LinkLabel13_LinkClicked(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
LinkLabel13.LinkClicked
```

TabControl1.SelectedIndex = 0 End Sub Private Sub Button20_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button20.Click

If connectrl = 1 Then

cm = CType(Me.BindingContext(fisdw), CurrencyManager)

If TextBox10.Text = "" Or Not IsNumeric(TextBox10.Text) Then

MsgBox("Invalid Firm ID", MessageBoxIcon.Error)

Exit Sub

End If

Dim fisco As New SqlClient.SqlCommand

Dim fisda As New SqlClient.SqlDataAdapter

Dim fisds As New DataSet

pc.ConnectionString = connstr

fisco.Connection = pc

fisco.CommandText = "select * from firmdat where (id=" & TextBox10.Text &

")"

fisda.SelectCommand = fisco

```
fisda.Fill(fisds, "fis")
```

fisdw.Table = fisds.Tables("fis")

If cm.Position < 0 Then

MsgBox("Firm Not Found (Invalid Firm No)", MessageBoxIcon.Error)

TextBox10.Focus()

End If

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub TextBox10_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox10.TextChanged

Me.AcceptButton = Button20

End Sub

Private Sub TextBox34_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox34.TextChanged

Me.AcceptButton = Button28

End Sub

```
Private Sub Button28_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button28.Click
```

If connctrl = 1 Then

cm = CType(Me.BindingContext(fisdw), CurrencyManager)

If TextBox34.Text = "" Then

MsgBox("Firm Name Not Equal To Blank", MessageBoxIcon.Error) Exit Sub

End If

Dim fnsco As New SqlClient.SqlCommand

Dim fnsda As New SqlClient.SqlDataAdapter

Dim fnsds As New DataSet

pc.ConnectionString = connstr

fnsco.Connection = pc

fnsco.CommandText = "select * from firmdat where (name like " &

TextBox34.Text & "%')"

fnsda.SelectCommand = fnsco

fnsda.Fill(fnsds, "fns")

fisdw.Table = fnsds.Tables("fns")

If cm.Position < 0 Then

MsgBox("Firm(s) Not Found At This Name", MessageBoxIcon.Error) TextBox34.Focus()

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub LinkLabel14_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles LinkLabel14.LinkClicked

Dim i As Integer i = MsgBox("Are Sure Exit Your Account", MsgBoxStyle.YesNo, "Sign Out") If i = 6 Then Me.Close() End If End Sub

```
Private Sub Button29_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button29.Click
```

If connctrl = 1 Then

If TextBox34.Text = "" Then

MsgBox("Enter A Firm Name", MessageBoxIcon.Error)

TextBox34.Focus()

Exit Sub

Else

firmsadd.Parameters("@name").Value = TextBox34.Text

End If

If TextBox35.Text = "" Then

MsgBox("Enter An Address", MessageBoxIcon.Error)

TextBox35.Focus()

Exit Sub

Else

firmsadd.Parameters("@address").Value = TextBox35.Text End If

Linu n

If TextBox37.Text = "" Then

firmsadd.Parameters("@phone1").Value = "-"

Else

firmsadd.Parameters("@phone1").Value = TextBox37.Text

End If

If TextBox38.Text = "" Then

firmsadd.Parameters("@phone2").Value = "-"

Else

```
firmsadd.Parameters("@phone2").Value = TextBox38.Text
 End If
If TextBox39.Text = "" Then
   firmsadd.Parameters("@fax1").Value = "-"
Else
   firmsadd.Parameters("@fax1").Value = TextBox39.Text
End If
If TextBox40.Text = "" Then
   firmsadd.Parameters("@fax2").Value = "-"
Else
   firmsadd.Parameters("@fax2").Value = TextBox40.Text
End If
If TextBox36.Text = "" Then
  firmsadd.Parameters("@email").Value = "-"
Else
  firmsadd.Parameters("@email").Value = TextBox36.Text
End If
If TextBox41.Text = "" Then
  firmsadd.Parameters("@webpage").Value = "-"
Else
  firmsadd.Parameters("@webpage").Value = TextBox41.Text
End If
Try
  pc.ConnectionString = connstr
  pc.Open()
  firmsadd.ExecuteNonQuery()
  MsgBox("Firm Save Successfully", MsgBoxStyle.Information)
Catch ex As SqlClient.SqlException
  MsgBox(ex.Message & " (" & ex.Number & ")")
  Exit Sub
Finally
  pc.Close()
```

```
End Try
```

Dim lafco As New SqlClient.SqlCommand Dim lafda As New SqlClient.SqlDataAdapter Dim lafds As New DataSet lafds.Clear() pc.ConnectionString = connstr lafco.Connection = pc lafco.CommandText = "select * from firmdat" lafda.SelectCommand = lafco lafda.Fill(lafds, "laf") fisdw.Table = lafds.Tables("laf")

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub DataGrid5 DoubleClick(ByVal sender As Object, ByVal e As System. EventArgs) Handles DataGrid5. DoubleClick cm = CType(Me.BindingContext(fisdw), CurrencyManager) TextBox10.Text = DataGrid5.Item(cm.Position, 0) TextBox34.Text = DataGrid5.Item(cm.Position, 1) TextBox35.Text = DataGrid5.Item(cm.Position, 2) TextBox37.Text = DataGrid5.Item(cm.Position, 3) TextBox38.Text = DataGrid5.Item(cm.Position, 4) TextBox39.Text = DataGrid5.Item(cm.Position, 5) TextBox40.Text = DataGrid5.Item(cm.Position, 6) TextBox36.Text = DataGrid5.Item(cm.Position, 7) TextBox41.Text = DataGrid5.Item(cm.Position, 8) TextBox10.Enabled = False Button30.Enabled = True Button31.Enabled = TrueButton 29. Enabled = False End Sub

Private Sub Button33_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button33.Click

ProgressBar2.Visible = True ProgressBar2.Value = 10Dim lafco As New SqlClient.SqlCommand ProgressBar2.Value += 10 Dim lafda As New SqlClient.SqlDataAdapter ProgressBar2.Value += 10 Dim lafds As New DataSet lafds.Clear() ProgressBar2.Value += 15pc.ConnectionString = connstr ProgressBar2.Value += 10lafco.Connection = pclafco.CommandText = "select * from firmdat" ProgressBar2.Value += 15 lafda.SelectCommand = lafco ProgressBar2.Value += 10 lafda.Fill(lafds, "laf") ProgressBar2.Value += 10 fisdw.Table = lafds.Tables("laf") ProgressBar2.Value += 10ProgressBar2.Visible = False End Sub

Private Sub Button32_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button32.Click

TextBox10.Text = "" TextBox34.Text = "" TextBox35.Text = "" TextBox36.Text = "" TextBox37.Text = "" TextBox38.Text = "" TextBox39.Text = "" TextBox40.Text = "" TextBox41.Text = "" fisdw.Table.Reset() TextBox10.Enabled = True Button29.Enabled = True Button30.Enabled = False Button31.Enabled = False End Sub

Private Sub Button30_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button30.Click

Dim i As Integer

i = MsgBox("Do You Want to Delete This Firm Realy", MsgBoxStyle.YesNo) If i \diamond 6 Then

Exit Sub

End If

Dim dfco As New SqlClient.SqlCommand

dfco.Connection = pc

pc.ConnectionString = connstr

dfco.CommandText = "delete from firmdat where ([id]=" & TextBox10.Text & ")"

Try

pc.Open()

dfco.ExecuteNonQuery()

MsgBox("Firm Deleted Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

Dim lafco As New SqlClient.SqlCommand

Dim lafda As New SqlClient.SqlDataAdapter

Dim lafds As New DataSet

lafds.Clear() pc.ConnectionString = connstr lafco.Connection = pclafco.CommandText = "select * from firmdat" lafda.SelectCommand = lafco lafda.Fill(lafds, "laf") fisdw.Table = lafds.Tables("laf") TextBox10.Text = "" TextBox34.Text = "" TextBox35.Text = "" TextBox36.Text = "" TextBox37.Text = "" TextBox38.Text = "" TextBox39.Text = "" TextBox40.Text = "" TextBox41.Text = "" TextBox10.Enabled = TrueButton29.Enabled = True Button 30. Enabled = False Button 31.Enabled = FalseEnd Sub

Private Sub Button31_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button31.Click

If connectrl = 1 Then

Dim i As Integer

i = MsgBox("Do You Want to Update This Firm Realy", MsgBoxStyle.YesNo)

If $i \diamond 6$ Then

Exit Sub

End If

If TextBox34.Text = "" Then

MsgBox("Enter A Firm Name", MessageBoxIcon.Error)

TextBox34.Focus()

Exit Sub
Else

firmupdate.Parameters("@name").Value = TextBox34.Text End If

If TextBox35.Text = "" Then

MsgBox("Enter An Address", MessageBoxIcon.Error)

TextBox35.Focus()

Exit Sub

Else

firmupdate.Parameters("@address").Value = TextBox35.Text

End If

If TextBox37.Text = "" Then

firmupdate.Parameters("@phone1").Value = "-"

Else

firmupdate.Parameters("@phone1").Value = TextBox37.Text

End If

If TextBox38.Text = "" Then

firmupdate.Parameters("@phone2").Value = "-"

Else

firmupdate.Parameters("@phone2").Value = TextBox38.Text

End If

If TextBox39.Text = "" Then

firmupdate.Parameters("@fax1").Value = "-"

Else

firmupdate.Parameters("@fax1").Value = TextBox39.Text

End If

```
If TextBox40.Text = "" Then
```

firmupdate.Parameters("@fax2").Value = "-"

Else

firmupdate.Parameters("@fax2").Value = TextBox40.Text End If

If TextBox36.Text = "" Then

firmupdate.Parameters("@email").Value = "-"

Else

firmupdate.Parameters("@email").Value = TextBox36.Text

End If

If TextBox41.Text = "" Then

firmupdate.Parameters("@webpage").Value = "-"

Else

firmupdate.Parameters("@webpage").Value = TextBox41.Text End If

firmupdate.Parameters("@id").Value = TextBox10.Text

Try

pc.ConnectionString = connstr

pc.Open()

firmupdate.ExecuteNonQuery()

MsgBox("Firm Updated Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

Dim lafco As New SqlClient.SqlCommand

Dim lafda As New SqlClient.SqlDataAdapter

Dim lafds As New DataSet

lafds.Clear()

pc.ConnectionString = connstr

lafco.Connection = pc

lafco.CommandText = "select * from firmdat"

lafda.SelectCommand = lafco

lafda.Fill(lafds, "laf")

fisdw.Table = lafds.Tables("laf")

TextBox10.Text = ""

TextBox34.Text = ""

TextBox35.Text = ""

TextBox36.Text = ""

TextBox37.Text = ""

TextBox38.Text = ""

TextBox39.Text = "" TextBox40.Text = "" TextBox41.Text = "" TextBox10.Enabled = True Button29.Enabled = True Button30.Enabled = False Button31.Enabled = False Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub MenuItem1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem1.Click

cm = CType(Me.BindingContext(fisdw), CurrencyManager) TextBox10.Text = DataGrid5.Item(cm.Position, 0) TextBox34.Text = DataGrid5.Item(cm.Position, 1) TextBox35.Text = DataGrid5.Item(cm.Position, 2) TextBox37.Text = DataGrid5.Item(cm.Position, 3) TextBox38.Text = DataGrid5.Item(cm.Position, 4) TextBox39.Text = DataGrid5.Item(cm.Position, 5) TextBox40.Text = DataGrid5.Item(cm.Position, 6) TextBox36.Text = DataGrid5.Item(cm.Position, 7) TextBox41.Text = DataGrid5.Item(cm.Position, 8) TextBox10.Enabled = False Button30.Enabled = True Button31.Enabled = True

End Sub

Private Sub DataGrid5_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid5.CurrentCellChanged

```
cm = CType(Me.BindingContext(fisdw), CurrencyManager)
DataGrid5.Select(cm.Position)
End Sub
```

```
Private Sub Button35_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button35.Click
```

Dim f7 As New Form7 f7.ShowDialog()

If spctrl = 0 Then

Exit Sub

End If

```
Label59.Text = mark & " " & producttype & " " & packageamount & " " &
```

packageunit & " " & packagetype

TextBox43.Text = barcode

If campaignprice = 0 Then

TextBox42.Text = sellingprice

ElseIf startingdate <= DateTime.Today And finishingdate >= DateTime.Today Then

TextBox42.Text = campaignprice

Else

TextBox42.Text = sellingprice

End If

Label62.Text = moneyunit

TextBox44.Text = 1

TextBox44.Focus()

TextBox44.SelectAll()

Me.AcceptButton = Button40

spctrl = 0

End Sub

Private Sub Button39_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button39.Click

TextBox43.Text = "" TextBox42.Text = "" TextBox44.Text = 1 Label59.Text = "" Label62.Text = "" Label65.Text = 0 Label66.Text = "" Label68.Text = 0 Label69.Text = "" Label71.Text = "" Label72.Text = "" Button36.Enabled = False Button37.Enabled = False Button38.Enabled = False Sbillitems1.sellingbill.Clear()

Private Sub LinkLabel15_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles LinkLabel15.LinkClicked

TabControl1.SelectedIndex = 0

End Sub

Private Sub Button40_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button40.Click If connctrl = 1 Then

pc.ConnectionString = connstr Dim sco As New SqlClient.SqlCommand Dim stock As Double sco.Connection = pc sco.CommandText = "select stock from products where (barcode=" & _ TextBox43.Text & ")" pc.Open() stock = sco.ExecuteScalar() pc.Close() If stock - TextBox44.Text < 0 Then</pre> MsgBox("There Is Not Enough Stock For This " & Label59.Text & " Product", MessageBoxIcon.Error)

Exit Sub End If Dim dr As DataRow dr = Sbillitems1.sellingbill.NewRow If TextBox43.Text = "" Then MsgBox("Please Enter A Barcode", MessageBoxIcon.Error) TextBox43.Focus() Exit Sub Else dr.Item("barcode") = TextBox43.Text dr.Item("producttype") = producttype dr.Item("mark") = mark dr.Item("packageamount") = packageamount dr.Item("packageunit") = packageunit dr.Item("packagetype") = packagetype End If If TextBox44.Text = "" Then MsgBox("Please Enter Amount", MessageBoxIcon.Error) TextBox44.Focus() Exit Sub Else dr.Item("amount") = TextBox44.Text End If dr.Item("tax") = taxdr.Item("price") = TextBox42.Text dr.Item("moneyunit") = Label62.Text dr.Item("taxcost") = taxcost Sbillitems1.sellingbill.Rows.Add(dr) cm = CType(Me.BindingContext(sbillitemsdw), CurrencyManager)

cm.Position = cm.Count - 1

Dim total As Double

Dim ttaxcost As Double

ttaxcost = taxcost * TextBox44.Text total = Math.Round(TextBox42.Text * TextBox44.Text, 2) Label68.Text = Math.Round(ttaxcost + Label68.Text, 2) Label65.Text = Math.Round(total + Label65.Text, 2) Label66.Text = moneyunit Label69.Text = moneyunit TextBox43.Text = "" TextBox42.Text = "" TextBox44.Text = 1 Label59.Text = "" Label71.Text = "" Button36.Enabled = True Button37.Enabled = True

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Button 38. Enabled = True

Private Sub Button41_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button41.Click

If connctrl = 1 Then cm = CType(Me.BindingContext(sbillitemsdw), CurrencyManager) If cm.Position >= 0 Then Dim ttaxcost As Double Dim total As Double ttaxcost = Label68.Text total = Label65.Text Label68.Text = Math.Round(ttaxcost - (DataGrid6.Item(cm.Position, 6) * DataGrid6.Item(cm.Position, 10)), 2) Label65.Text = Math.Round(total - (DataGrid6.Item(cm.Position, 6) * DataGrid6.Item(cm.Position, 8)), 2)

Sbillitems1.sellingbill.Rows.RemoveAt(cm.Position)

End If

If cm.Position < 0 Then

Button36.Enabled = False

Button37.Enabled = False

Button38.Enabled = False

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button36_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button36.Click

If connctrl = 1 Then csbilltotal = Label 65.Textcstaxtotal = Label68.Text csmoneyunit = Label66.Text Dim f8 As New Form8 f8.ShowDialog() If csctrl = 0 Then Exit Sub End If Label71.Text = csrepayment Label72.Text = csmoneyunit cm = CType(Me.BindingContext(sbillitemsdw), CurrencyManager) pc.ConnectionString = connstr Dim bn As Long sbilladd.Parameters("@bdate").Value = DateTime.Today sbilladd.Parameters("@personid").Value = pid

sbilladd.Parameters("@personname").Value = pname & surname sbilladd.Parameters("@totaltaxcost").Value = Label68.Text sbilladd.Parameters("@total").Value = Label65.Text sbilladd.Parameters("@moneyunit").Value = Label62.Text sbilladd.Parameters("@paymenttype").Value = "Cash" sbilladd.Parameters("@cashamount").Value = Label65.Text sbilladd.Parameters("@kkartamount").Value = 0 sbilladd.Parameters("@ccardno").Value = "-" Try

pc.Open()

bn = sbilladd.ExecuteScalar()

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

Dim dr As DataRow

cm.Position = 0

For Each dr In Sbillitems1.sellingbill.Rows

sbitemsadd.Parameters("@billno").Value = bn

sbitemsadd.Parameters("@barcode").Value = DataGrid6.Item(cm.Position, 0) sbitemsadd.Parameters("@amount").Value = DataGrid6.Item(cm.Position, 6) sbitemsadd.Parameters("@tax").Value = DataGrid6.Item(cm.Position, 7) sbitemsadd.Parameters("@price").Value = DataGrid6.Item(cm.Position, 8) sbitemsadd.Parameters("@moneyunit").Value = DataGrid6.Item(cm.Position, 10)

9)

sbitemsadd.Parameters("@taxcost").Value = DataGrid6.Item(cm.Position, 10) Try

pc.Open()
sbitemsadd.ExecuteNonQuery()
Catch ex As SqlClient.SqlException
MsgBox(ex.Message & " (" & ex.Number & ")")
Exit Sub

Finally pc.Close() End Try 'decrease Stock Dim sco As New SqlClient.SqlCommand Dim stock As Double sco.Connection = pcsco.CommandText = "select stock from products where (barcode=" & _ DataGrid6.Item(cm.Position, 0) & ")" pc.Open() stock = sco.ExecuteScalar() pc.Close() Dim ups As New SqlClient.SqlCommand ups.Connection = pc ups.CommandText = "update products set stock=" & stock -DataGrid6.Item(cm.Position, 6) & _ "where (barcode=" & DataGrid6.Item(cm.Position, 0) & ")" pc.Open() ups.ExecuteNonQuery() pc.Close() cm.Position += 1Next TextBox43.Text = "" TextBox42.Text = "" TextBox44.Text = 1Label59.Text = "" Label62.Text = "" Label65.Text = 0Label66.Text = "" Label68.Text = 0Label69.Text = "" Button 36. Enabled = False

Button 37. Enabled = False

Button 38. Enabled = False

Sbillitems1.sellingbill.Clear()

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button37_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button37.Click

If connetrl = 1 Then csbilltotal = Label65.Text cstaxtotal = Label 68.Textcsmoneyunit = Label66.Text Dim f9 As New Form9 f9.ShowDialog() If csctrl = 0 Then Exit Sub End If Label71.Text = csrepayment Label72.Text = csmoneyunit cm = CType(Me.BindingContext(sbillitemsdw), CurrencyManager) pc.ConnectionString = connstr Dim bn As Long sbilladd.Parameters("@bdate").Value = DateTime.Today sbilladd.Parameters("@personid").Value = pid sbilladd.Parameters("@personname").Value = pname & surname sbilladd.Parameters("@totaltaxcost").Value = Label68.Text sbilladd.Parameters("@total").Value = Label65.Text sbilladd.Parameters("@moneyunit").Value = Label62.Text sbilladd.Parameters("@paymenttype").Value = "Credit Card" sbilladd.Parameters("(a)cashamount").Value = 0 sbilladd.Parameters("@kkartamount").Value = Label65.Text sbilladd.Parameters("@ccardno").Value = cscardno

Try

pc.Open() bn = sbilladd.ExecuteScalar() Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try Dim dr As DataRow cm.Position = 0For Each dr In Sbillitems1.sellingbill.Rows sbitemsadd.Parameters("@billno").Value = bn sbitemsadd.Parameters("@barcode").Value = DataGrid6.Item(cm.Position, 0) sbitemsadd.Parameters("@amount").Value = DataGrid6.Item(cm.Position, 6) sbitemsadd.Parameters("@tax").Value = DataGrid6.Item(cm.Position, 7) sbitemsadd.Parameters("@price").Value = DataGrid6.Item(cm.Position, 8) sbitemsadd.Parameters("@moneyunit").Value = DataGrid6.Item(cm.Position,

9)

sbitemsadd.Parameters("@taxcost").Value = DataGrid6.Item(cm.Position, 10) Try

pc.Open()

sbitemsadd.ExecuteNonQuery()

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

'decrease Stock

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

```
DataGrid6.Item(cm.Position, 0) & ")"

pc.Open()

stock = sco.ExecuteScalar()

pc.Close()

Dim ups As New SqlClient.SqlCommand

ups.Connection = pc

ups.CommandText = "update products set stock=" & stock -

DataGrid6.Item(cm.Position, 6) & _

"where (barcode=" & DataGrid6.Item(cm.Position, 0) & ")"

pc.Open()

ups.ExecuteNonQuery()

pc.Close()

cm.Position += 1
```

Next

TextBox43.Text = ""

TextBox42.Text = ""

TextBox44.Text = 1

Label59.Text = ""

Label62.Text = ""

Label65.Text = 0

Label66.Text = ""

Label68.Text = 0

Label69.Text = ""

Sbillitems1.sellingbill.Clear()

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button38_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button38.Click

If connctrl = 1 Then

csbilltotal = Label65.Text cstaxtotal = Label68.Text csmoneyunit = Label66.Text Dim f10 As New Form10 f10.ShowDialog() If csctrl = 0 Then Exit Sub End If Label71.Text = csrepaymentLabel72.Text = csmoneyunit cm = CType(Me.BindingContext(sbillitemsdw), CurrencyManager) pc.ConnectionString = connstr Dim bn As Long sbilladd.Parameters("@bdate").Value = DateTime.Today sbilladd.Parameters("@personid").Value = pid sbilladd.Parameters("@personname").Value = pname & surname sbilladd.Parameters("@totaltaxcost").Value = Label68.Text sbilladd.Parameters("@total").Value = Label65.Text sbilladd.Parameters("@moneyunit").Value = Label62.Text sbilladd.Parameters("@paymenttype").Value = "Cash And Credit Card" sbilladd.Parameters("@cashamount").Value = cscashamount sbilladd.Parameters("@kkartamount").Value = cscardamount sbilladd.Parameters("@ccardno").Value = cscardno Try pc.Open() bn = sbilladd.ExecuteScalar() Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try Dim dr As DataRow cm.Position = 0

For Each dr In Sbillitems1.sellingbill.Rows

sbitemsadd.Parameters("@billno").Value = bn sbitemsadd.Parameters("@barcode").Value = DataGrid6.Item(cm.Position, 0) sbitemsadd.Parameters("@amount").Value = DataGrid6.Item(cm.Position, 6) sbitemsadd.Parameters("@tax").Value = DataGrid6.Item(cm.Position, 7) sbitemsadd.Parameters("@price").Value = DataGrid6.Item(cm.Position, 8) sbitemsadd.Parameters("@moneyunit").Value = DataGrid6.Item(cm.Position, 9)

9)

sbitemsadd.Parameters("@taxcost").Value = DataGrid6.Item(cm.Position, 10) Try

pc.Open()

sbitemsadd.ExecuteNonQuery()

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

'decrease Stock

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

DataGrid6.Item(cm.Position, 0) & ")"

pc.Open()

stock = sco.ExecuteScalar()

pc.Close()

Dim ups As New SqlClient.SqlCommand

ups.Connection = pc

ups.CommandText = "update products set stock=" & stock -

DataGrid6.Item(cm.Position, 6) & _

"where (barcode=" & DataGrid6.Item(cm.Position, 0) & ")"

pc.Open()

ups.ExecuteNonQuery()

pc.Close() cm.Position += 1 Next TextBox43.Text = "" TextBox42.Text = "" TextBox44.Text = 1 Label59.Text = "" Label62.Text = "" Label65.Text = 0 Label66.Text = 0 Label68.Text = 0 Label69.Text = "" Sbillitems1.sellingbill.Clear()

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button42_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button42.Click

Dim f7 As New Form7

f7.ShowDialog()

If spetrl = 0 Then

Exit Sub

End If

Label76.Text = mark & " " & producttype & " " & packageamount & " " & packageunit & " " & packagetype

TextBox46.Text = barcode

If campaignprice = 0 Then

TextBox47.Text = sellingprice

ElseIf startingdate <= DateTime.Today And finishingdate >= DateTime.Today

Then

TextBox47.Text = campaignprice Else TextBox47.Text = sellingprice End If Label74.Text = moneyunit TextBox45.Text = 1 TextBox45.Focus() TextBox45.SelectAll() Me.AcceptButton = Button44 spctrl = 0 End Sub

```
Private Sub Button44_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button44.Click
```

If connctrl = 1 Then

pc.ConnectionString = connstr

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

TextBox46.Text & ")"

pc.Open()

stock = sco.ExecuteScalar()

pc.Close()

If stock - TextBox45.Text < 0 Then

MsgBox("There Is Not Enough Stock For This " & Label59.Text & "

Product", MessageBoxIcon.Error)

Exit Sub

End If

Dim dr As DataRow

dr = Sbillitems1.wsellingbill.NewRow

If TextBox46.Text = "" Then

MsgBox("Please Enter A Barcode", MessageBoxIcon.Error)

TextBox46.Focus()

```
Exit Sub
```

Else

```
dr.Item("barcode") = TextBox46.Text
```

dr.Item("producttype") = producttype

dr.Item("mark") = mark

dr.Item("packageamount") = packageamount

dr.Item("packageunit") = packageunit

dr.Item("packagetype") = packagetype

End If

If TextBox45.Text = "" Then

MsgBox("Please Enter Amount", MessageBoxIcon.Error)

TextBox45.Focus()

Exit Sub

Else

dr.Item("amount") = TextBox45.Text

End If

dr.Item("tax") = tax

dr.Item("price") = TextBox47.Text

dr.Item("moneyunit") = Label74.Text

```
dr.Item("taxcost") = taxcost
```

Sbillitems1.wsellingbill.Rows.Add(dr)

cm = CType(Me.BindingContext(wsbillitemsdw), CurrencyManager)

cm.Position = cm.Count - 1

Dim total As Double

Dim ttaxcost As Double

ttaxcost = taxcost * TextBox45.Text

total = Math.Round(TextBox47.Text * TextBox45.Text, 2)

Label81.Text = Math.Round(ttaxcost + Label81.Text, 2)

Label84.Text = Math.Round(total + Label84.Text, 2)

Label83.Text = moneyunit

Label80.Text = moneyunit

TextBox46.Text = ""

TextBox47.Text = ""

TextBox45.Text = 1

Label76.Text = "" Label78.Text = "" Label77.Text = "" Button46.Enabled = True Button47.Enabled = True Button48.Enabled = True

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub DataGrid6_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid6.CurrentCellChanged

```
cm = CType(Me.BindingContext(sbillitemsdw), CurrencyManager)
```

DataGrid6.Select(cm.Position)

End Sub

```
Private Sub DataGrid7_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid7.CurrentCellChanged
```

cm = CType(Me.BindingContext(wsbillitemsdw), CurrencyManager)
DataGrid7.Select(cm.Position)

End Sub

```
Private Sub Button43_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button43.Click
```

If connctrl = 1 Then cm = CType(Me.BindingContext(wsbillitemsdw), CurrencyManager) If cm.Position >= 0 Then Dim ttaxcost As Double Dim total As Double ttaxcost = Label81.Text total = Label84.Text Label81.Text = Math.Round(ttaxcost - (DataGrid7.Item(cm.Position, 6) * DataGrid7.Item(cm.Position, 10)), 2)

Label84.Text = Math.Round(total - (DataGrid7.Item(cm.Position, 6) *

DataGrid7.Item(cm.Position, 8)), 2)

Sbillitems1.wsellingbill.Rows.RemoveAt(cm.Position)

End If

If cm.Position < 0 Then

Button46.Enabled = False

Button47.Enabled = False

Button48.Enabled = False

End If

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button45_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button45.Click

TextBox47.Text = "" TextBox46.Text = "" TextBox45.Text = 1 Label76.Text = "" Label74.Text = "" Label81.Text = 0 Label83.Text = "" Label84.Text = 0 Label80.Text = "" Label78.Text = "" Label77.Text = "" TextBox48.Text = "" Button46.Enabled = False Button47.Enabled = False Button48.Enabled = False Sbillitems1.wsellingbill.Clear() End Sub

```
Private Sub Button47_Click(ByVal sender As System.Object, ByVal e As
System. EventArgs) Handles Button47. Click
    If connctrl = 1 Then
      If TextBox48.Text = "" Or TextBox49.Text = "" Then
         MsgBox("Please Select A Firm", MessageBoxIcon.Error)
         Exit Sub
      End If
      csbilltotal = Label84.Text
       cstaxtotal = Label81.Text
       csmoneyunit = Label 83.Text
       Dim f8 As New Form8
       f8.ShowDialog()
       If csctrl = 0 Then
         Exit Sub
       End If
       Label78.Text = csrepayment
       Label77.Text = csmoneyunit
       cm = CType(Me.BindingContext(wsbillitemsdw), CurrencyManager)
       pc.ConnectionString = connstr
       Dim bn As Long
       swbilladd.Parameters("@bdate").Value = DateTime.Today
       swbilladd.Parameters("@personid").Value = pid
       swbilladd.Parameters("@personname").Value = pname & surname
       swbilladd.Parameters("@firmid").Value = TextBox48.Text
       swbilladd.Parameters("@firmname").Value = TextBox49.Text
       swbilladd.Parameters("@totaltaxcost").Value = Label81.Text
       swbilladd.Parameters("@total").Value = Label84.Text
       swbilladd.Parameters("@moneyunit").Value = Label83.Text
       swbilladd.Parameters("@paymenttype").Value = "Cash"
```

```
swbilladd.Parameters("@cashamount").Value = Label84.Text
swbilladd.Parameters("@kkartamount").Value = 0
swbilladd.Parameters("@ccardno").Value = "-"
Try
  pc.Open()
  bn = swbilladd.ExecuteScalar()
Catch ex As SqlClient.SqlException
  MsgBox(ex.Message & " (" & ex.Number & ")")
  Exit Sub
Finally
  pc.Close()
End Try
Dim co As New SqlClient.SqlCommand
Dim ffn As String
co.Connection = pc
co.CommandText = "select name from firmdat where([id]=0)"
pc.Open()
ffn = co.ExecuteScalar
pc.Close()
'save firm account
faccountsave.Parameters("@date").Value = DateTime.Today
faccountsave.Parameters("@firmid").Value = TextBox48.Text
faccountsave.Parameters("@billno").Value = bn
faccountsave.Parameters("@recipientfirmid").Value = 0
faccountsave.Parameters("@recipientfirm").Value = ffn
faccountsave.Parameters("@dept").Value = Label84.Text
faccountsave.Parameters("(a) payment").Value = 0
faccountsave.Parameters("@moneyunit").Value = Label83.Text
Try
  pc.Open()
  faccountsave.ExecuteNonQuery()
Catch ex As SqlClient.SqlException
```

MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub

Finally pc.Close() End Try Dim dr As DataRow cm.Position = 0For Each dr In Sbillitems1.wsellingbill.Rows swbitemsadd.Parameters("@billno").Value = bn swbitemsadd.Parameters("@barcode").Value = DataGrid7.Item(cm.Position, swbitemsadd.Parameters("@amount").Value = DataGrid7.Item(cm.Position, swbitemsadd.Parameters("@tax").Value = DataGrid7.Item(cm.Position, 7) swbitemsadd.Parameters("@price").Value = DataGrid7.Item(cm.Position, 8) swbitemsadd.Parameters("@moneyunit").Value = DataGrid7.Item(cm.Position, 9)

swbitemsadd.Parameters("@taxcost").Value = DataGrid7.Item(cm.Position,

10)

Try

0)

6)

pc.Open() swbitemsadd.ExecuteNonQuery() Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try 'decrease Stock Dim sco As New SqlClient.SqlCommand Dim stock As Double sco.Connection = pcsco.CommandText = "select stock from products where (barcode=" & DataGrid7.Item(cm.Position, 0) & ")" pc.Open() stock = sco.ExecuteScalar()

pc.Close()

Dim ups As New SqlClient.SqlCommand

ups.Connection = pc

ups.CommandText = "update products set stock=" & stock -

DataGrid7.Item(cm.Position, 6) & _

"where (barcode=" & DataGrid7.Item(cm.Position, 0) & ")"

pc.Open()

ups.ExecuteNonQuery()

pc.Close()

cm.Position += 1

Next

TextBox47.Text = ""

TextBox46.Text = ""

TextBox45.Text = 1

Label76.Text = ""

Label74.Text = ""

Label81.Text = 0

Label83.Text = ""

Label84.Text = 0

Label80.Text = ""

TextBox48.Text = ""

TextBox49.Text = ""

Button46.Enabled = False

Button47.Enabled = False

Button48.Enabled = False

Sbillitems1.wsellingbill.Clear()

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button49_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button49.Click

If connctrl = 1 Then

Dim f6 As New Form6

f6.ShowDialog()

TextBox48.Text = fid

TextBox49.Text = firmname

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button46_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button46.Click

```
If connctrl = 1 Then
  If TextBox48.Text = "" Or TextBox49.Text = "" Then
    MsgBox("Please Select A Firm", MessageBoxIcon.Error)
    Exit Sub
  End If
  csbilltotal = Label84.Text
  cstaxtotal = Label 81.Text
  csmoneyunit = Label83.Text
  Dim f9 As New Form9
  f9.ShowDialog()
  If csctrl = 0 Then
    Exit Sub
  End If
  Label78.Text = csrepayment
  Label77.Text = csmoneyunit
  cm = CType(Me.BindingContext(wsbillitemsdw), CurrencyManager)
  pc.ConnectionString = connstr
  Dim bn As Long
```

swbilladd.Parameters("@bdate").Value = DateTime.Today swbilladd.Parameters("@personid").Value = pid swbilladd.Parameters("@personname").Value = pname & surname swbilladd.Parameters("@firmid").Value = TextBox48.Text swbilladd.Parameters("@firmname").Value = TextBox49.Text swbilladd.Parameters("@totaltaxcost").Value = Label81.Text swbilladd.Parameters("@total").Value = Label84.Text swbilladd.Parameters("@moneyunit").Value = Label83.Text swbilladd.Parameters("@paymenttype").Value = "Credit Card" swbilladd.Parameters("@ccashamount").Value = 0 swbilladd.Parameters("@kkartamount").Value = Label84.Text swbilladd.Parameters("@ccardno").Value = Cardit Card"

pc.Open()

bn = swbilladd.ExecuteScalar()

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

Dim co As New SqlClient.SqlCommand

Dim ffn As String

co.Connection = pc

co.CommandText = "select name from firmdat where([id]=0)"

pc.Open()

ffn = co.ExecuteScalar

pc.Close()

'save firm account

faccountsave.Parameters("@date").Value = DateTime.Today faccountsave.Parameters("@firmid").Value = TextBox48.Text

faccountsave.Parameters("@billno").Value = bn

faccountsave.Parameters("@recipientfirmid").Value = 0

faccountsave.Parameters("@recipientfirm").Value = ffn

faccountsave.Parameters("@dept").Value = Label84.Text faccountsave.Parameters("@payment").Value = 0faccountsave.Parameters("@moneyunit").Value = Label83.Text Try pc.Open() faccountsave.ExecuteNonQuery() Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try Dim dr As DataRow cm.Position = 0For Each dr In Sbillitems1.wsellingbill.Rows swbitemsadd.Parameters("@billno").Value = bn swbitemsadd.Parameters("@barcode").Value = DataGrid7.Item(cm.Position, swbitemsadd.Parameters("@amount").Value = DataGrid7.Item(cm.Position, swbitemsadd.Parameters("@tax").Value = DataGrid7.Item(cm.Position, 7) swbitemsadd.Parameters("@price").Value = DataGrid7.Item(cm.Position, 8) swbitemsadd.Parameters("@moneyunit").Value =

0)

6)

DataGrid7.Item(cm.Position, 9)

swbitemsadd.Parameters("@taxcost").Value = DataGrid7.Item(cm.Position,

10)

Try

```
pc.Open()
  swbitemsadd.ExecuteNonQuery()
Catch ex As SqlClient.SqlException
  MsgBox(ex.Message & " (" & ex.Number & ")")
  Exit Sub
Finally
  pc.Close()
```

```
End Try
         'decrease Stock
         Dim sco As New SqlClient.SqlCommand
         Dim stock As Double
         sco.Connection = pc
         sco.CommandText = "select stock from products where (barcode=" & _
         DataGrid7.Item(cm.Position, 0) & ")"
         pc.Open()
         stock = sco.ExecuteScalar()
         pc.Close()
         Dim ups As New SqlClient.SqlCommand
         ups.Connection = pc
         ups.CommandText = "update products set stock=" & stock -
DataGrid7.Item(cm.Position, 6) & _
         "where (barcode=" & DataGrid7.Item(cm.Position, 0) & ")"
         pc.Open()
         ups.ExecuteNonQuery()
         pc.Close()
         cm.Position += 1
       Next
       TextBox47.Text = ""
       TextBox46.Text = ""
       TextBox45.Text = 1
       Label76.Text = ""
       Label74.Text = ""
       Label81.Text = 0
       Label83.Text = ""
       Label84.Text = 0
       Label80.Text = ""
       TextBox48.Text = ""
       TextBox49.Text = ""
       Button46.Enabled = False
       Button 47. Enabled = False
       Button 48. Enabled = False
```

Sbillitems1.wsellingbill.Clear()

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button48_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button48.Click

If connctrl = 1 Then

If TextBox48.Text = "" Or TextBox49.Text = "" Then

MsgBox("Please Select A Firm", MessageBoxIcon.Error) Exit Sub

End If

csbilltotal = Label84.Text

cstaxtotal = Label81.Text

csmoneyunit = Label83.Text

Dim f10 As New Form10

f10.ShowDialog()

If csctrl = 0 Then

Exit Sub

End If

Label78.Text = csrepayment

Label77.Text = csmoneyunit

cm = CType(Me.BindingContext(wsbillitemsdw), CurrencyManager)

pc.ConnectionString = connstr

Dim bn As Long

swbilladd.Parameters("@bdate").Value = DateTime.Today

swbilladd.Parameters("@personid").Value = pid

swbilladd.Parameters("@personname").Value = pname & surname

swbilladd.Parameters("@firmid").Value = TextBox48.Text

swbilladd.Parameters("@firmname").Value = TextBox49.Text

swbilladd.Parameters("@totaltaxcost").Value = Label81.Text

swbilladd.Parameters("@total").Value = Label84.Text swbilladd.Parameters("@moneyunit").Value = Label83.Text swbilladd.Parameters("@paymenttype").Value = "Cash And Credit Card" swbilladd.Parameters("@cashamount").Value = cscashamount swbilladd.Parameters("@kkartamount").Value = cscardamount swbilladd.Parameters("@ccardno").Value = cscardno Try pc.Open() bn = swbilladd.ExecuteScalar()Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try Dim co As New SqlClient.SqlCommand Dim ffn As String co.Connection = pcco.CommandText = "select name from firmdat where([id]=0)" pc.Open() ffn = co.ExecuteScalar pc.Close() 'save firm account faccountsave.Parameters("@date").Value = DateTime.Today faccountsave.Parameters("@firmid").Value = TextBox48.Text faccountsave.Parameters("@billno").Value = bn faccountsave.Parameters("@recipientfirmid").Value = 0faccountsave.Parameters("@recipientfirm").Value = ffn faccountsave.Parameters("@dept").Value = Label84.Text faccountsave.Parameters("@payment").Value = 0 faccountsave.Parameters("@moneyunit").Value = Label83.Text Try pc.Open()

faccountsave.ExecuteNonQuery()

Catch ex As SqlClient.SqlException MsgBox(ex.Message & " (" & ex.Number & ")") Exit Sub Finally pc.Close() End Try Dim dr As DataRow cm.Position = 0 For Each dr In Sbillitems1.wsellingbill.Rows swbitemsadd.Parameters("@billno").Value = bn swbitemsadd.Parameters("@barcode").Value = DataGrid7.Item(cm.Position,

0)

swbitemsadd.Parameters("@amount").Value = DataGrid7.Item(cm.Position,

6)

swbitemsadd.Parameters("@tax").Value = DataGrid7.Item(cm.Position, 7)
swbitemsadd.Parameters("@price").Value = DataGrid7.Item(cm.Position, 8)
swbitemsadd.Parameters("@moneyunit").Value =

DataGrid7.Item(cm.Position, 9)

swbitemsadd.Parameters("@taxcost").Value = DataGrid7.Item(cm.Position,

10)

Try

pc.Open()

swbitemsadd.ExecuteNonQuery()

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Exit Sub

Finally

pc.Close()

End Try

'decrease Stock

Dim sco As New SqlClient.SqlCommand

Dim stock As Double

sco.Connection = pc

sco.CommandText = "select stock from products where (barcode=" & _

```
DataGrid7.Item(cm.Position, 0) & ")"
         pc.Open()
         stock = sco.ExecuteScalar()
         pc.Close()
         Dim ups As New SqlClient.SqlCommand
         ups.Connection = pc
         ups.CommandText = "update products set stock=" & stock -
DataGrid7.Item(cm.Position, 6) & _
         "where (barcode=" & DataGrid7.Item(cm.Position, 0) & ")"
         pc.Open()
         ups.ExecuteNonQuery()
         pc.Close()
         cm.Position += 1
      Next
       TextBox47.Text = ""
       TextBox46.Text = ""
       TextBox45.Text = 1
       Label76.Text = ""
       Label74.Text = ""
```

Label81.Text = 0 Label83.Text = ""

Label84.Text = 0

Label80.Text = ""

TextBox48.Text = ""

TextBox49.Text = ""

Button46.Enabled = False

Button47.Enabled = False

Button48.Enabled = False

Sbillitems1.wsellingbill.Clear()

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close() End If End Sub

```
Private Sub CheckBox4_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CheckBox4.CheckedChanged
```

If CheckBox4.Checked = True Then

CheckBox5.Checked = False

```
Button54.Enabled = True
```

Else

Button54.Enabled = False

```
TextBox50.Text = ""
```

End If

End Sub

```
Private Sub CheckBox5_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CheckBox5.CheckedChanged
```

```
If CheckBox5.Checked = True Then
```

```
CheckBox4.Checked = False
```

Button 55. Enabled = True

Else

```
TextBox51.Text = ""
```

Button55.Enabled = False

End If

End Sub

```
Private Sub LinkLabel16_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles
```

LinkLabel16.LinkClicked

TabControl1.SelectedIndex = 0 End Sub

```
Private Sub Button50_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button50.Click
```

If connctrl = 1 Then Dim sbds As New DataSet Dim wsbds As New DataSet

pc.ConnectionString = connstr

- If CheckBox4.Checked = False And CheckBox5.Checked = False Then sbfindastodate.Parameters("@date1").Value = DateTimePicker5.Value wsbfindastodate.Parameters("@date1").Value = DateTimePicker5.Value wsbfindastodate.Parameters("@date2").Value = DateTimePicker5.Value Dim sbda As New SqlClient.SqlDataAdapter sbda.SelectCommand = sbfindastodate sbda.Fill(sbds, "sb") sellingbill.Table = sbds.Tables("sb") Dim wsbda As New SqlClient.SqlDataAdapter wsbda.SelectCommand = wsbfindastodate wsbda.Fill(wsbds, "wsb") m wsbda As New SqlClient.SqlDataAdapter wsbda.Fill(wsbds, "wsb") Sellingbill.Table = sbds.Tables("wsb") ElseIf CheckBox4.Checked = True And CheckBox5.Checked = False Then
- sbfindcn.Parameters("@date1").Value = DateTimePicker5.Value sbfindcn.Parameters("@date2").Value = DateTimePicker6.Value sbfindcn.Parameters("@personid").Value = prsnid wsbfindcn.Parameters("@date1").Value = DateTimePicker5.Value wsbfindcn.Parameters("@date2").Value = DateTimePicker6.Value wsbfindcn.Parameters("@personid").Value = prsnid Dim sbda As New SqlClient.SqlDataAdapter sbda.SelectCommand = sbfindcn sbda.Fill(sbds, "sb") sellingbill.Table = sbds.Tables("sb") Dim wsbda As New SqlClient.SqlDataAdapter wsbda.SelectCommand = wsbfindcn wsbda.Fill(wsbds, "wsb") wsellingbill.Table = wsbds.Tables("wsb") ElseIf CheckBox4.Checked = False And CheckBox5.Checked = True Then sellingbill.Table.Clear() wsbfindfn.Parameters("@date1").Value = DateTimePicker5.Value wsbfindfn.Parameters("@date2").Value = DateTimePicker6.Value

```
wsbfindfn.Parameters("@firmid").Value = fid
  Dim wsbda As New SqlClient.SqlDataAdapter
  wsbda.SelectCommand = wsbfindfn
  wsbda.Fill(wsbds, "wsb")
  wsellingbill.Table = wsbds.Tables("wsb")
End If
cm = CType(Me.BindingContext(sellingbill), CurrencyManager)
cm.Position = 0
Dim sbdr As DataRow
Label107.Text = 0
Label104.Text = 0
Label117.Text = 0
Label98.Text = 0
If cm.Position \ge 0 Then
  For Each sbdr In sbds.Tables("sb").Rows
    Label107.Text = Label107.Text + DataGrid8.Item(cm.Position, 8)
    Label104.Text = Label104.Text + DataGrid8.Item(cm.Position, 9)
    Label117.Text = Label117.Text + DataGrid8.Item(cm.Position, 4)
    Label98.Text = Label98.Text + DataGrid8.Item(cm.Position, 5)
    cm.Position += 1
  Next
  Label106.Text = DataGrid8.Item(cm.Position, 6)
  Label103.Text = DataGrid8.Item(cm.Position, 6)
  Label116.Text = DataGrid8.Item(cm.Position, 6)
  Label99.Text = DataGrid8.Item(cm.Position, 6)
End If
cm = CType(Me.BindingContext(wsellingbill), CurrencyManager)
cm.Position = 0
Dim wsbdr As DataRow
Label101.Text = 0
Label110.Text = 0
Label 120.Text = 0
Label113.Text = 0
If cm.Position \geq 0 Then
```

For Each wsbdr In wsbds.Tables("wsb").Rows

Label101.Text = Label101.Text + DataGrid9.Item(cm.Position, 10) Label110.Text = Label110.Text + DataGrid9.Item(cm.Position, 11) Label120.Text = Label120.Text + DataGrid9.Item(cm.Position, 6) Label113.Text = Label113.Text + DataGrid9.Item(cm.Position, 7) cm.Position += 1

Next

Label100.Text = DataGrid9.Item(cm.Position, 8)

Label109.Text = DataGrid9.Item(cm.Position, 8)

Label119.Text = DataGrid9.Item(cm.Position, 8)

Label112.Text = DataGrid9.Item(cm.Position, 8)

End If

Dim gt1 As Double = Label98.Text

Dim gt2 As Double = Label113.Text

Dim gct1 As Double = Label107.Text

Dim gct2 As Double = Label101.Text

Dim gcct1 As Double = Label104.Text

Dim gcct2 As Double = Label110.Text

Dim gvt1 As Double = Label117.Text

Dim gvt2 As Double = Label120.Text

Label89.Text = Math.Round(gt1 + gt2, 2)

Label92.Text = Math.Round(gct1 + gct2, 2)

Label95.Text = Math.Round(gcct1 + gcct2, 2)

Label123.Text = Math.Round(gvt1 + gvt2, 2)

Label90.Text = Label100.Text

Label122.Text = Label100.Text

Label91.Text = Label100.Text

Label94.Text = Label100.Text

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub
Private Sub Button34_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button34.Click

If connctrl = 1 Then pc.ConnectionString = connstr Pds1.persondat.Clear() pda.Fill(Pds1.persondat) DataView1.Table = Pds1.persondat

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button92_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button92.Click

If TextBox68.BackColor.Equals(Color.Lime) Then TextBox69.BackColor = Color.Lime TextBox68.BackColor = Color.Gray

ElseIf TextBox69.BackColor.Equals(Color.Lime) Then TextBox70.BackColor = Color.Lime TextBox69.BackColor = Color.Gray

ElseIf TextBox70.BackColor.Equals(Color.Lime) Then TextBox71.BackColor = Color.Lime TextBox70.BackColor = Color.Gray

ElseIf TextBox71.BackColor.Equals(Color.Lime) Then TextBox68.BackColor = Color.Lime TextBox71.BackColor = Color.Gray End If End Sub Private Sub Button93_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button93.Click

If TextBox68.BackColor.Equals(Color.Lime) Then TextBox71.BackColor = Color.Lime TextBox68.BackColor = Color.Gray

ElseIf TextBox69.BackColor.Equals(Color.Lime) Then TextBox68.BackColor = Color.Lime TextBox69.BackColor = Color.Gray

ElseIf TextBox70.BackColor.Equals(Color.Lime) Then TextBox69.BackColor = Color.Lime TextBox70.BackColor = Color.Gray

ElseIf TextBox71.BackColor.Equals(Color.Lime) Then TextBox70.BackColor = Color.Lime TextBox71.BackColor = Color.Gray End If End Sub

```
Private Sub Button83_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button83.Click
If TextBox69.BackColor.Equals(Color.Lime) Then
TextBox69.Text += "1"
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "1"
End If
End Sub
```

Private Sub Button88_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button88.Click If TextBox69.BackColor.Equals(Color.Lime) Then TextBox69.Text += "2"

```
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "2"
End If
End Sub
```

```
Private Sub Button91_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button91.Click
If TextBox69.BackColor.Equals(Color.Lime) Then
TextBox69.Text += "3"
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "3"
End If
End Sub
```

```
Private Sub Button84_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button84.Click
```

```
If TextBox69.BackColor.Equals(Color.Lime) Then
```

```
TextBox69.Text += "4"
```

ElseIf TextBox71.BackColor.Equals(Color.Lime) Then

```
TextBox71.Text += "4"
```

End If

End Sub

```
Private Sub Button87_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button87.Click
If TextBox69.BackColor.Equals(Color.Lime) Then
TextBox69.Text += "5"
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "5"
End If
End Sub
```

Private Sub Button90_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button90.Click

```
If TextBox69.BackColor.Equals(Color.Lime) Then
TextBox69.Text += "6"
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "6"
End If
End Sub
```

```
Private Sub Button85_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button85.Click
If TextBox69.BackColor.Equals(Color.Lime) Then
```

```
1
```

```
TextBox69.Text += "7"
```

ElseIf TextBox71.BackColor.Equals(Color.Lime) Then

```
TextBox71.Text += "7"
```

End If

End Sub

```
Private Sub Button86_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button86.Click
```

```
If TextBox69.BackColor.Equals(Color.Lime) Then
```

```
TextBox69.Text += "8"
```

ElseIf TextBox71.BackColor.Equals(Color.Lime) Then

```
TextBox71.Text += "8"
```

End If

End Sub

```
Private Sub Button89_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button89.Click
```

```
If TextBox69.BackColor.Equals(Color.Lime) Then
TextBox69.Text += "9"
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "9"
End If
End Sub
```

```
Private Sub Button94_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button94.Click
If TextBox69.BackColor.Equals(Color.Lime) Then
TextBox69.Text += "0"
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
TextBox71.Text += "0"
End If
End Sub
```

```
Private Sub Button96_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button96.Click
If TextBox69.BackColor.Equals(Color.Lime) Then
If TextBox69.Text.IndexOfAny(".") < 0 Then
TextBox69.Text += "."
End If
ElseIf TextBox71.BackColor.Equals(Color.Lime) Then
If TextBox71.Text.IndexOfAny(".") < 0 Then
TextBox71.Text += "."
End If
End If
End If
End If
```

```
Private Sub Button95_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button95.Click
```

If TextBox69.BackColor.Equals(Color.Lime) And TextBox69.Text \Leftrightarrow "" Then TextBox69.Text = TextBox69.Text.Remove(TextBox69.TextLength - 1, 1)

ElseIf TextBox71.BackColor.Equals(Color.Lime) And TextBox71.Text <> ""

TextBox71.Text = TextBox71.Text.Remove(TextBox71.TextLength - 1, 1) End If

End Sub

Private Sub Button81_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button81.Click

```
If TextBox68.BackColor.Equals(Color.Lime) Then
TextBox68.Text = "%"
ElseIf TextBox70.BackColor.Equals(Color.Lime) Then
TextBox70.Text = "%"
End If
End Sub
```

```
Private Sub Button82_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button82.Click
```

If TextBox68.BackColor.Equals(Color.Lime) Then

```
TextBox68.Text = "+"
```

ElseIf TextBox70.BackColor.Equals(Color.Lime) Then

TextBox70.Text = "+"

End If

End Sub

Private Sub Button97_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button97.Click

```
TextBox68.Text = ""
TextBox69.Text = ""
TextBox70.Text = ""
TextBox71.Text = ""
End Sub
```

```
Private Sub Button123_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button123.Click
```

```
If connctrl = 1 Then
Dim f6 As New Form6
f6.ShowDialog()
TextBox72.Text = fid
TextBox73.Text = firmname
```

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

```
Me.Close()
End If
End Sub
```

```
Private Sub Button122_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button122.Click
If connctrl = 1 Then
Dim f6 As New Form6
f6.ShowDialog()
TextBox57.Text = fid
TextBox58.Text = firmname
Else
MsgBox("Connection Problem You Have To Connect To Server",
```

MessageBoxIcon.Error)

Me.Close() End If

End Sub

```
Private Sub Button115 Click(ByVal sender As System.Object, ByVal e As
System. EventArgs) Handles Button115. Click
    If connctrl = 1 Then
      If TextBox72.Text = "" Then
         MsgBox("Please Select A Payment Firm", MessageBoxIcon.Error)
         Exit Sub
      End If
      If TextBox57.Text = "" Then
         MsgBox("Please Select A Recipient Firm", MessageBoxIcon.Error)
         Exit Sub
      End If
      If TextBox74.Text = "" Then
         MsgBox("Please Enter A Payment Amount", MessageBoxIcon.Error)
         Exit Sub
      End If
      If ComboBox20.Text = "" Then
```

MsgBox("Please Select A Moneyunit", MessageBoxIcon.Error) Exit Sub

End If

pc.ConnectionString = connstr

faccountsave.Parameters("@date").Value = DateTimePicker16.Value faccountsave.Parameters("@firmid").Value = TextBox72.Text faccountsave.Parameters("@billno").Value = 0 faccountsave.Parameters("@recipientfirmid").Value = TextBox57.Text

faccountsave.Parameters("@recipientfirm").Value = TextBox58.Text

faccountsave.Parameters("@dept").Value = 0

faccountsave.Parameters("@payment").Value = TextBox74.Text

faccountsave.Parameters("@moneyunit").Value = ComboBox20.Text Try

pc.Open()

faccountsave.ExecuteNonQuery()

MsgBox("Paid Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button116_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button116.Click

If connctrl = 1 Then

Dim ic As Integer

ic = MsgBox("Do You Want to Update This Payment", MsgBoxStyle.YesNo, "UPDATE") If ic > 6 Then

TextBox57.Text = ""

TextBox58.Text = ""

TextBox74.Text = ""

Button116.Enabled = False

Exit Sub

End If

pc.ConnectionString = connstr

cm = CType(Me.BindingContext(paymentdw), CurrencyManager) faccountupdatebyid.Parameters("@id").Value = DataGrid17.Item(cm.Position,

0)

faccountupdatebyid.Parameters("@date").Value = DateTimePicker16.Value faccountupdatebyid.Parameters("@firmid").Value = TextBox72.Text faccountupdatebyid.Parameters("@recipientfirmid").Value = TextBox57.Text faccountupdatebyid.Parameters("@recipientfirm").Value = TextBox58.Text faccountupdatebyid.Parameters("@payment").Value = TextBox74.Text faccountupdatebyid.Parameters("@moneyunit").Value = ComboBox20.Text faccountupdatebyid.Parameters("@moneyunit").Value = ComboBox20.Text

pc.Open()

faccountupdatebyid.ExecuteNonQuery()

MsgBox("Update Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

TextBox57.Text = ""

TextBox58.Text = ""

TextBox74.Text = ""

Dim pymtco As New SqlClient.SqlCommand

Dim pymtda As New SqlClient.SqlDataAdapter

pc.ConnectionString = connstr

pymtco.Connection = pc

pymtco.CommandText = "select [id],[date],firmid,billno,recipientfirmid," & _

"recipientfirm,payment,moneyunit from firmaccount where(billno=" & 0 & _
"and firmid=" & TextBox72.Text & ")"
pymtda.SelectCommand = pymtco
Dandp1.payment.Clear()
pymtda.Fill(Dandp1.payment)
Dim pymtdr As DataRow
Label155.Text = 0
For Each pymtdr In Dandp1.payment.Rows
Label155.Text += pymtdr.Item("payment")

Next

Label161.Text = Label158.Text - Label155.Text

Label160.Text = Label154.Text

If Label161.Text < 0 Then

Label125.Text = "-"

Else

Label125.Text = "+"

End If

Button116.Enabled = False

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button120_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button120.Click

```
If connctrl = 1 Then
```

If TextBox72.Text = "" Then

MsgBox("Pelease Select A PaymentFirm", MessageBoxIcon.Error) Exit Sub

End If

Dim dptco As New SqlClient.SqlCommand

Dim dptda As New SqlClient.SqlDataAdapter

Dim pymtco As New SqlClient.SqlCommand Dim pymtda As New SqlClient.SqlDataAdapter pc.ConnectionString = connstr dptco.Connection = pcpymtco.Connection = pc dptco.CommandText = "select [id],[date],firmid,billno,recipientfirmid," & "recipientfirm,dept,moneyunit from firmaccount where(billno>" & 0 & _ "and firmid=" & TextBox72.Text & ")" pymtco.CommandText = "select [id],[date],firmid,billno,recipientfirmid," & _____ "recipientfirm,payment,moneyunit from firmaccount where(billno=" & 0 & "and firmid=" & TextBox72.Text & ")" dptda.SelectCommand = dptco pymtda.SelectCommand = pymtco Dandp1.depts.Clear() Dandp1.payment.Clear() dptda.Fill(Dandp1.depts) pymtda.Fill(Dandp1.payment) cm = CType(Me.BindingContext(deptsdw), CurrencyManager) Dim dptdr As DataRow Label158.Text = 0If cm.Count > 0 Then For Each dptdr In Dandp1.depts.Rows Label158.Text += dptdr.Item("dept") Next Label157.Text = dptdr.Item("moneyunit") End If cm = CType(Me.BindingContext(paymentdw), CurrencyManager) Dim pymtdr As DataRow Label155.Text = 0If cm.Count > 0 Then For Each pymtdr In Dandp1.payment.Rows Label155.Text += pymtdr.Item("payment") Next Label154.Text = pymtdr.Item("moneyunit")

End If Label161.Text = Label158.Text - Label155.Text Label160.Text = Label154.Text If Label161.Text > 0 Then Label125.Text = "+" End If Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub DataGrid17_DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid17.DoubleClick

Button116.Enabled = True

cm = CType(Me.BindingContext(paymentdw), CurrencyManager)

TextBox57.Text = DataGrid17.Item(cm.Position, 4)

TextBox58.Text = DataGrid17.Item(cm.Position, 5)

TextBox74.Text = DataGrid17.Item(cm.Position, 6)

ComboBox20.Text = DataGrid17.Item(cm.Position, 7)

End Sub

Private Sub Button118_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button118.Click

TextBox72.Text = "" TextBox73.Text = "" TextBox57.Text = "" TextBox58.Text = "" TextBox74.Text = "" Label160.Text = "" Label161.Text = "" Dandp1.Clear() Label158.Text = 0 Label155.Text = 0 Label157.Text = "" Label154.Text = "" Label125.Text = "" Button116.Enabled = False End Sub

Private Sub Button117_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button117.Click

If connectrl = 1 Then

Dim ic As Integer

ic = MsgBox("Do You Want to Delete This Payment", MsgBoxStyle.YesNo, "DELETE")

If ic > 6 Then

Exit Sub

End If

pc.ConnectionString = connstr

Dim pdco As New SqlClient.SqlCommand

pdco.Connection = pc

cm = CType(Me.BindingContext(paymentdw), CurrencyManager)

pdco.CommandText = "delete from firmaccount where ([id]=" & _

DataGrid17.Item(cm.Position, 0) & ")"

Try

pc.Open()

pdco.ExecuteNonQuery()

Dim pymtco As New SqlClient.SqlCommand

Dim pymtda As New SqlClient.SqlDataAdapter

pymtco.Connection = pc

pymtco.CommandText = "select [id],[date],firmid,billno,recipientfirmid," & _
"recipientfirm,payment,moneyunit from firmaccount where(billno=" & 0 & _

"and firmid=" & TextBox72.Text & ")"

pymtda.SelectCommand = pymtco

Dandp1.payment.Clear()

pymtda.Fill(Dandp1.payment)

```
Dim pymtdr As DataRow
Label155.Text = 0
For Each pymtdr In Dandp1.payment.Rows
Label155.Text += pymtdr.Item("payment")
Next
Label161.Text = Label158.Text - Label155.Text
Label160.Text = Label154.Text
If Label161.Text < 0 Then
Label125.Text = "-"
```

Else

Label125.Text = "+"

End If

MsgBox("Payment Delete Successfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button53_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button53.Click
```

If connctrl = 1 Then

If TextBox57.Text = "" Then

MsgBox("Pelease Select A ReceipientFirm", MessageBoxIcon.Error) Exit Sub

End If

If TextBox72.Text = "" Then

MsgBox("Pelease Select A PaymentFirm", MessageBoxIcon.Error)

Exit Sub

End If

Dim dptco As New SqlClient.SqlCommand

Dim dptda As New SqlClient.SqlDataAdapter

Dim pymtco As New SqlClient.SqlCommand

Dim pymtda As New SqlClient.SqlDataAdapter

pc.ConnectionString = connstr

dptco.Connection = pc

pymtco.Connection = pc

dptco.CommandText = "select [id],[date],firmid,billno,recipientfirmid," & _ "recipientfirm,dept,moneyunit from firmaccount where(billno<>" & 0 & _ "and firmid=" & TextBox72.Text & "and recipientfirmid=" & TextBox57.Text

& ")"

pymtco.CommandText = "select [id],[date],firmid,billno,recipientfirmid," & _
"recipientfirm,payment,moneyunit from firmaccount where(billno=" & 0 & _
"and firmid=" & TextBox72.Text & "and recipientfirmid=" & TextBox57.Text

& ")"

dptda.SelectCommand = dptco pymtda.SelectCommand = pymtco Dandp1.depts.Clear() Dandp1.payment.Clear() dptda.Fill(Dandp1.depts) pymtda.Fill(Dandp1.payment) cm = CType(Me.BindingContext(deptsdw), CurrencyManager) Dim dptdr As DataRow Label158.Text = 0If cm.Count > 0 Then For Each dptdr In Dandp1.depts.Rows Label158.Text += dptdr.Item("dept") Next Label157.Text = dptdr.Item("moneyunit") End If cm = CType(Me.BindingContext(paymentdw), CurrencyManager) Dim pymtdr As DataRow

Label155.Text = 0

If cm.Count > 0 Then

For Each pymtdr In Dandp1.payment.Rows

Label155.Text += pymtdr.Item("payment")

Next

Label154.Text = pymtdr.Item("moneyunit")

End If

Label161.Text = Label158.Text - Label155.Text

```
Label160.Text = Label154.Text
```

If Label161.Text > 0 Then

Label125.Text = "+"

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button121_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button121.Click
```

```
If connctrl = 1 Then
```

If TextBox72.Text = "" Then

MsgBox("Pelease Select A PaymentFirm", MessageBoxIcon.Error) Exit Sub

End If

Dim dptda As New SqlClient.SqlDataAdapter

Dim pymtda As New SqlClient.SqlDataAdapter

pc.ConnectionString = connstr

finddeptbydate.Parameters("@firmid").Value = TextBox72.Text

finddeptbydate.Parameters("@date1").Value = DateTimePicker15.Value

finddeptbydate.Parameters("@date2").Value = DateTimePicker14.Value

findpaymentbydate.Parameters("@firmid").Value = TextBox72.Text

findpaymentbydate.Parameters("@date1").Value = DateTimePicker15.Value

findpaymentbydate.Parameters("@date2").Value = DateTimePicker14.Value dptda.SelectCommand = finddeptbydate pymtda.SelectCommand = findpaymentbydate Dandp1.depts.Clear() Dandp1.payment.Clear() dptda.Fill(Dandp1.depts) pymtda.Fill(Dandp1.payment) cm = CType(Me.BindingContext(deptsdw), CurrencyManager) Dim dptdr As DataRow Label158.Text = 0If cm.Count > 0 Then For Each dptdr In Dandp1.depts.Rows Label158.Text += dptdr.Item("dept") Next Label157.Text = dptdr.Item("moneyunit") End If cm = CType(Me.BindingContext(paymentdw), CurrencyManager) Dim pymtdr As DataRow Label155.Text = 0If cm.Count > 0 Then For Each pymtdr In Dandp1.payment.Rows Label155.Text += pymtdr.Item("payment") Next Label154.Text = pymtdr.Item("moneyunit") End If Label161.Text = Label158.Text - Label155.Text Label160.Text = Label154.Text If Label161.Text > 0 Then Label125.Text = "+" End If Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If End Sub

Private Sub LinkLabel17_LinkClicked(ByVal sender As System.Object, ByVal e As System.Windows.Forms.LinkLabelLinkClickedEventArgs) Handles LinkLabel17.LinkClicked

TabControl1.SelectedIndex = 0 End Sub

Private Sub Button52_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button52.Click wsellingbill.Table.Clear() sellingbill.Table.Clear() CheckBox4.Checked = False CheckBox5.Checked = False Label107.Text = 0Label104.Text = 0Label117.Text = 0Label 98. Text = 0Label101.Text = 0Label110.Text = 0Label 120.Text = 0Label113.Text = 0Label89.Text = 0Label123.Text = 0Label92.Text = 0Label 95. Text = 0DateTimePicker5.Value = Today DateTimePicker6.Value = Today

End Sub

Private Sub Button54_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button54.Click Dim fl1 As New Form11

```
f11.ShowDialog()
TextBox50.Text = personname
End Sub
```

```
Private Sub Button55_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button55.Click
Dim f6 As New Form6
f6.ShowDialog()
TextBox51.Text = firmname
End Sub
```

```
Private Sub CheckBox19_CheckedChanged(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles CheckBox19.CheckedChanged
If CheckBox19.Checked = True Then
TextBox52.Enabled = True
TextBox52.Focus()
Else
TextBox52.Enabled = False
TextBox52.Text = ""
```

```
Dim ototal As Double = 0
```

Dim odr As DataRow

For Each odr In Sbillitems1.wsellingbill.Rows

```
ototal = ototal + (Math.Round(odr.Item("price") * odr.Item("amount"), 2))
```

Next

Label84.Text = ototal

```
End If
```

```
End Sub
```

```
Private Sub TextBox52_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox52.TextChanged
If TextBox52.Text = "" Or Not IsNumeric(TextBox52.Text) Or
CheckBox19.Checked = False Then
Dim ototal As Double = 0
Dim odr As DataRow
```

For Each odr In Sbillitems1.wsellingbill.Rows

```
ototal = ototal + (Math.Round(odr.Item("price") * odr.Item("amount"), 2))
      Next
      Label 84.Text = ototal
      Exit Sub
    End If
    Dim total As Double = 0
    Dim taxcost As Double = 0
    Dim discountamount As Double
    Dim dr As DataRow
    For Each dr In Sbillitems1.wsellingbill.Rows
      total = total + (Math.Round(dr.Item("price") * dr.Item("amount"), 2))
      taxcost = taxcost + (Math.Round(dr.Item("taxcost") * dr.Item("amount"), 2))
    Next
    discountamount = ((Math.Round(total - taxcost, 2)) * (TextBox52.Text / 100))
    Label84.Text = (Math.Round(Math.Round(total - taxcost, 2) - discountamount, 2))
+ taxcost
```

End Sub

```
Private Sub Button102_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button102.Click
```

```
TabControl1.SelectedIndex = 1
```

End Sub

```
Private Sub Button105_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button105.Click
```

```
TabControl1.SelectedIndex = 2
End Sub
```

Private Sub Button108_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button108.Click

TabControl1.SelectedIndex = 3 End Sub Private Sub Button111_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button111.Click

TabControl1.SelectedIndex = 4

End Sub

```
Private Sub Button103_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button103.Click
```

TabControl1.SelectedIndex = 5 End Sub

```
Private Sub Button106_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button106.Click
```

TabControl1.SelectedIndex = 6

End Sub

Private Sub Button109_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button109.Click

TabControl1.SelectedIndex = 7

End Sub

Private Sub Button114_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button114.Click

TabControl1.SelectedIndex = 8

End Sub

Private Sub Button104_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button104.Click

TabControl1.SelectedIndex = 9 End Sub

```
Private Sub Button107_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button107.Click
TabControl1.SelectedIndex = 10
End Sub
```

Private Sub Button110_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button110.Click

TabControl1.SelectedIndex = 11

End Sub

Private Sub CCRadioButton1_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CCRadioButton1.CheckedChanged

If CCRadioButton1.Checked = True Then

Label133.Enabled = True DateTimePicker9.Enabled = True DateTimePicker10.Enabled = True CheckBox6.Enabled = True CheckBox7.Enabled = True CheckBox8.Enabled = False TextBox61.Enabled = False Button65.Enabled = False

End If

End Sub

Private Sub CheckBox6_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CheckBox6.CheckedChanged

If CheckBox6.Checked = True Then TextBox59.Enabled = True TextBox59.Focus() Label133.Enabled = False DateTimePicker9.Enabled = False DateTimePicker10.Enabled = False CheckBox7.Enabled = False CheckBox8.Enabled = False ElseIf CheckBox6.Checked = False Then TextBox59.Enabled = False Label133.Enabled = True DateTimePicker9.Enabled = True DateTimePicker10.Enabled = True CheckBox7.Enabled = True If CCRadioButton1.Checked = True Then CheckBox8.Enabled = False Else CheckBox8.Enabled = True End If End If

End Sub

```
Private Sub CheckBox7_CheckedChanged(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles CheckBox7.CheckedChanged
If CheckBox7.Checked = True Then
Button64.Enabled = True
Button64.Focus()
ElseIf CheckBox7.Checked = False Then
Button64.Enabled = False
End If
End Sub
```

```
Private Sub CheckBox8_CheckedChanged(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles CheckBox8.CheckedChanged
If CheckBox8.Checked = True Then
Button65.Enabled = True
Button65.Focus()
TextBox61.Focus()
ElseIf CheckBox8.Checked = False Then
```

Button65.Enabled = False

End If

End Sub

```
Private Sub CCRadioButton2_CheckedChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles CCRadioButton2.CheckedChanged
If CCRadioButton2.Checked = True Then
```

CheckBox8.Enabled = True End If End Sub

Private Sub Button62_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button62.Click
If $connectrl = 1$ Then
If CCRadioButton1.Checked = True Then
pc.ConnectionString = connstr
If CheckBox6.Checked = False And CheckBox7.Checked = False And
CheckBox8.Checked = False Then
Dim ds As New DataSet
Dim da As New SqlClient.SqlDataAdapter
findsbusedate.Parameters("@date1").Value = DateTimePicker9.Value
findsbusedate.Parameters("@date2").Value = DateTimePicker10.Value
da.SelectCommand = findsbusedate
da.Fill(ds, "fsb")
findbills.Table = ds.Tables("fsb")
cm = CType(Me.BindingContext(findbills), CurrencyManager)
If cm.Count - 1 < 0 Then
MsgBox("Bill Not Found Between This Dates", MessageBoxIcon.Error)
Exit Sub
End If
ElseIf CheckBox6.Checked = True And CheckBox7.Checked = False And
CheckBox8.Checked = False Then
Dim ds As New DataSet
Dim da As New SqlClient.SqlDataAdapter
Dim co As New SqlClient.SqlCommand
co.Connection = pc
co.CommandText = "select * from sellingbill where(billno=" &
TextBox59.Text & ")"
da.SelectCommand = co
da.Fill(ds, "fsb")
findbills.Table = ds.Tables("fsb")

```
cm = CType(Me.BindingContext(findbills), CurrencyManager)
           If cm.Count - 1 < 0 Then
             MsgBox("Bill Not Found", MessageBoxIcon.Error)
             Exit Sub
           End If
         ElseIf CheckBox6.Checked = False And CheckBox7.Checked = True And
CheckBox8.Checked = False Then
           Dim ds As New DataSet
           Dim da As New SqlClient.SqlDataAdapter
           findusingcashier.Parameters("@date1").Value = DateTimePicker9.Value
           findusingcashier.Parameters("@date2").Value = DateTimePicker10.Value
           findusingcashier.Parameters("@personid").Value = prsnid
           da.SelectCommand = findusingcashier
           da.Fill(ds, "fsb")
           findbills.Table = ds.Tables("fsb")
           cm = CType(Me.BindingContext(findbills), CurrencyManager)
           If cm.Count - 1 < 0 Then
             MsgBox("Bill Not Found", MessageBoxIcon.Error)
             Exit Sub
           End If
         End If
         Dim ico As New SqlClient.SqlCommand
         Dim ids As New DataSet
         Dim ida As New SqlClient.SqlDataAdapter
         ico.Connection = pc
         ico.CommandText = "select * from sbillitems where(billno=" & _
         DataGrid13.Item(cm.Position, 0) & ")"
         ida.SelectCommand = ico
         ida.Fill(ids, "sbi")
         findbillitems.Table = ids.Tables("sbi")
       ElseIf CCRadioButton2.Checked = True Then
         If CheckBox6.Checked = False And CheckBox7.Checked = False And
CheckBox8.Checked = False Then
```

Dim ds As New DataSet

Dim da As New SqlClient.SqlDataAdapter

findwsbusedate.Parameters("@date1").Value = DateTimePicker9.Value

findwsbusedate.Parameters("@date2").Value = DateTimePicker10.Value

da.SelectCommand = findwsbusedate

da.Fill(ds, "fsb")

findbills.Table = ds.Tables("fsb")

cm = CType(Me.BindingContext(findbills), CurrencyManager)

If cm.Count - 1 < 0 Then

MsgBox("Bill Not Found Between This Dates", MessageBoxIcon.Error) Exit Sub

End If

ElseIf CheckBox6.Checked = True And CheckBox7.Checked = False And

CheckBox8.Checked = False Then

Dim ds As New DataSet

Dim da As New SqlClient.SqlDataAdapter

Dim co As New SqlClient.SqlCommand

co.Connection = pc

co.CommandText = "select * from swholebill where(billno=" &

TextBox59.Text & ")"

da.SelectCommand = co

da.Fill(ds, "fsb")

findbills.Table = ds.Tables("fsb")

cm = CType(Me.BindingContext(findbills), CurrencyManager)

If cm.Count - 1 < 0 Then

MsgBox("Bill Not Found", MessageBoxIcon.Error)

Exit Sub

End If

ElseIf CheckBox6.Checked = False And CheckBox7.Checked = True And CheckBox8.Checked = False Then

Dim ds As New DataSet

Dim da As New SqlClient.SqlDataAdapter

findwsbusingcashier.Parameters("@date1").Value =

DateTimePicker9.Value

```
findwsbusingcashier.Parameters("@date2").Value =
DateTimePicker10.Value
           findwsbusingcashier.Parameters("@personid").Value = prsnid
           da.SelectCommand = findwsbusingcashier
           da.Fill(ds, "fsb")
           findbills.Table = ds.Tables("fsb")
           cm = CType(Me.BindingContext(findbills), CurrencyManager)
           If cm.Count - 1 < 0 Then
              MsgBox("Bill Not Found", MessageBoxIcon.Error)
              Exit Sub
           End If
         ElseIf CheckBox6.Checked = False And CheckBox7.Checked = False And
CheckBox8.Checked = True Then
           Dim ds As New DataSet
           Dim da As New SqlClient.SqlDataAdapter
            findwsusingfirm.Parameters("@date1").Value = DateTimePicker9.Value
            findwsusingfirm.Parameters("@date2").Value = DateTimePicker10.Value
            findwsusingfirm.Parameters("@firmid").Value = fid
            da.SelectCommand = findwsusingfirm
            da.Fill(ds, "fsb")
            findbills.Table = ds.Tables("fsb")
            cm = CType(Me.BindingContext(findbills), CurrencyManager)
            If cm.Count - 1 < 0 Then
              MsgBox("Bill Not Found", MessageBoxIcon.Error)
              Exit Sub
            End If
          ElseIf CheckBox6.Checked = False And CheckBox7.Checked = True And
 CheckBox8.Checked = True Then
            Dim ds As New DataSet
            Dim da As New SqlClient.SqlDataAdapter
```

findwsusingfirmandcashier.Parameters("@date1").Value =

DateTimePicker9.Value

findwsusingfirmandcashier.Parameters("@date2").Value =

DateTimePicker10.Value

findwsusingfirmandcashier.Parameters("@firmid").Value = fid findwsusingfirmandcashier.Parameters("@personid").Value = prsnid da.SelectCommand = findwsusingfirmandcashier da.Fill(ds, "fsb") findbills.Table = ds.Tables("fsb") cm = CType(Me.BindingContext(findbills), CurrencyManager) If cm.Count - 1 < 0 Then MsgBox("Bill Not Found", MessageBoxIcon.Error) Exit Sub End If End If Dim wico As New SqlClient.SqlCommand Dim wids As New DataSet Dim wida As New SqlClient.SqlDataAdapter wico.Connection = pcwico.CommandText = "select * from swholeitems where(billno=" & _ DataGrid13.Item(cm.Position, 0) & ")" wida.SelectCommand = wico wida.Fill(wids, "sbi") findbillitems.Table = wids.Tables("sbi") End If MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Else

Private Sub Button64_Click(ByVal sender As System.Object, ByVal e As System. EventArgs) Handles Button 64. Click

Dim f11 As New Form11

f11.ShowDialog()

TextBox60.Text = personname

End Sub

Private Sub Button65_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button65.Click Dim f6 As New Form6 f6.ShowDialog()

TextBox61.Text = firmname

End Sub

Private Sub DataGrid13_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles DataGrid13.CurrentCellChanged

cm = CType(Me.BindingContext(findbills), CurrencyManager)

DataGrid13.Select(cm.Position)

pc.ConnectionString = connstr

If CCRadioButton1.Checked = True Then

If cm.Count - 1 > 0 Then

Dim co As New SqlClient.SqlCommand

Dim ds As New DataSet

Dim da As New SqlClient.SqlDataAdapter

co.Connection = pc

co.CommandText = "select * from sbillitems where(billno=" & _

DataGrid13.Item(cm.Position, 0) & ")"

da.SelectCommand = co

da.Fill(ds, "sbi")

findbillitems.Table = ds.Tables("sbi")

End If

ElseIf CCRadioButton2.Checked = True Then

If cm.Count - 1 > 0 Then

Dim co As New SqlClient.SqlCommand

Dim ds As New DataSet

Dim da As New SqlClient.SqlDataAdapter

co.Connection = pc

co.CommandText = "select * from swholeitems where(billno=" & _

DataGrid13.Item(cm.Position, 0) & ")"

da.SelectCommand = co

```
da.Fill(ds, "sbi")
findbillitems.Table = ds.Tables("sbi")
End If
End If
End Sub
```

```
Private Sub DataGrid14_CurrentCellChanged(ByVal sender As Object, ByVal e As
System.EventArgs) Handles DataGrid14.CurrentCellChanged
cm = CType(Me.BindingContext(findbillitems), CurrencyManager)
DataGrid14.Select(cm.Position)
End Sub
```

```
Private Sub Button63_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button63.Click
```

```
If connctrl = 1 Then
  pc.ConnectionString = connstr
  If CCRadioButton1.Checked = True Then
    'increase stock
    cm = CType(Me.BindingContext(findbillitems), CurrencyManager)
    cm.Position = 0
    Dim i As Integer = 0
    While (i \leq cm.Count - 1)
       Dim sco As New SqlClient.SqlCommand
       Dim stock As Double = 0
       sco.Connection = pc
       sco.CommandText = "select stock from products where (barcode=" & _
       DataGrid14.Item(cm.Position, 1) & ")"
       pc.Open()
       stock = sco.ExecuteScalar()
       stock = stock + DataGrid14.Item(cm.Position, 2)
       Dim co As New SqlClient.SqlCommand
       co.Connection = pc
       co.CommandText = "update products set stock=" & stock & _
       "where (barcode=" & DataGrid14.Item(cm.Position, 1) & ")"
```

```
co.ExecuteNonQuery()
```

pc.Close()

i += 1

cm.Position += 1

End While

'increase stok end

'set person account

Dim payment As Double = 0

cm = CType(Me.BindingContext(findbills), CurrencyManager)

```
selectpayment.Parameters("@personid").Value =
```

DataGrid13.Item(cm.Position, 2)

selectpayment.Parameters("@date").Value = DataGrid13.Item(cm.Position, 1)
selectpayment.Parameters("@moneyunit").Value =

DataGrid13.Item(cm.Position, 6)

pc.Open()

payment = selectpayment.ExecuteScalar()

pc.Close()

personaccountupdate.Parameters("@personid").Value =

```
DataGrid13.Item(cm.Position, 2)
```

personaccountupdate.Parameters("@date").Value =

DataGrid13.Item(cm.Position, 1)

personaccountupdate.Parameters("@moneyunit").Value =

DataGrid13.Item(cm.Position, 6)

personaccountupdate.Parameters("@payment").Value =

Math.Round(payment - DataGrid13.Item(cm.Position, 5), 2)

pc.Open()
personaccountupdate.ExecuteNonQuery()
pc.Close()
'end of set personaccount
'delete bill
Dim dco As New SqlClient.SqlCommand
dco.Connection = pc
dco.CommandText = "delete from sellingbill where(billno=" & _
DataGrid13.Item(cm.Position, 0) & ")"

pc.Open() dco.ExecuteNonQuery() pc.Close() 'end of delete bill MsgBox("Bill Canceled Sucessfully", MsgBoxStyle.Information) DateTimePicker9.Text = "" DateTimePicker10.Text = "" CheckBox6.Checked = False CheckBox7.Checked = False CheckBox8.Checked = False findbills.Table.Clear() findbillitems.Table.Clear() ElseIf CCRadioButton2.Checked = True Then 'increase stock cm = CType(Me.BindingContext(findbillitems), CurrencyManager) cm.Position = 0Dim i As Integer = 0While (i \leq cm.Count - 1) Dim sco As New SqlClient.SqlCommand Dim stock As Double = 0sco.Connection = pcsco.CommandText = "select stock from products where (barcode=" & _ DataGrid14.Item(cm.Position, 1) & ")" pc.Open() stock = sco.ExecuteScalar() stock = stock + DataGrid14.Item(cm.Position, 2) Dim co As New SqlClient.SqlCommand co.Connection = pcco.CommandText = "update products set stock=" & stock & _ "where (barcode=" & DataGrid14.Item(cm.Position, 1) & ")" co.ExecuteNonQuery() pc.Close() i += 1cm.Position += 1

End While

'increase stok end

'set person account

Dim payment As Double = 0

cm = CType(Me.BindingContext(findbills), CurrencyManager)

selectpayment.Parameters("@personid").Value =

DataGrid13.Item(cm.Position, 2)

selectpayment.Parameters("@date").Value = DataGrid13.Item(cm.Position, 1)
selectpayment.Parameters("@moneyunit").Value =

DataGrid13.Item(cm.Position, 8)

pc.Open()

payment = selectpayment.ExecuteScalar()

pc.Close()

personaccountupdate.Parameters("@personid").Value =

DataGrid13.Item(cm.Position, 2)

personaccountupdate.Parameters("@date").Value =

```
DataGrid13.Item(cm.Position, 1)
```

personaccountupdate.Parameters("@moneyunit").Value =

DataGrid13.Item(cm.Position, 8)

personaccountupdate.Parameters("@payment").Value =

Math.Round(payment - DataGrid13.Item(cm.Position, 7), 2)

pc.Open()

personaccountupdate.ExecuteNonQuery()

pc.Close()

'end of set personaccount

'set firm account

Dim sfco As New SqlClient.SqlCommand

sfco.Connection = pc

sfco.CommandText = "delete from firmaccount where (firmid=" & _

DataGrid13.Item(cm.Position, 4) & " and billno=" & _

DataGrid13.Item(cm.Position, 0) & ")"

pc.Open()

sfco.ExecuteNonQuery()

pc.Close()

'end of set firm account 'delete bill Dim dco As New SqlClient.SqlCommand dco.Connection = pcdco.CommandText = "delete from swholebill where(billno=" & _ DataGrid13.Item(cm.Position, 0) & ")" pc.Open() dco.ExecuteNonQuery() pc.Close() 'end of delete bill MsgBox("Bill Canceled Sucessfully", MsgBoxStyle.Information) DateTimePicker9.Text = "" DateTimePicker10.Text = "" CheckBox6.Checked = False CheckBox7.Checked = FalseCheckBox8.Checked = False findbills.Table.Clear() findbillitems.Table.Clear() End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button56_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button56.Click
Dim fl1 As New Form11
```

fl11.ShowDialog() TextBox53.Text = prsnid TextBox54.Text = personname End Sub Private Sub Button57_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button57.Click

If connctrl = 1 Then

If TextBox54.Text = "" Then

MsgBox("Please Select A Person", MsgBoxStyle.Information)

Exit Sub

End If

pc.ConnectionString = connstr

findsbusedate.Parameters("@date1").Value = DateTimePicker7.Value

findsbusedate.Parameters("@date2").Value = DateTimePicker8.Value

Dim da As New SqlClient.SqlDataAdapter

Dim ds As New DataSet

da.SelectCommand = findsbusedate

da.Fill(ds, "sb")

deptsbill.Table = ds.Tables("sb")

Dim i As Integer = 0

Dim total As Double = 0

cm = CType(Me.BindingContext(deptsbill), CurrencyManager)

```
If cm.Count > 0 Then
```

Label149.Text = 0

cm.Position = 0

While (i \leq cm.Count - 1)

total += DataGrid12.Item(cm.Position, 5)

cm.Position += 1

i += 1

End While

Label149.Text = total

Label150.Text = DataGrid12.Item(cm.Position, 6)

End If

findwsbusedate.Parameters("@date1").Value = DateTimePicker7.Value findwsbusedate.Parameters("@date2").Value = DateTimePicker8.Value da.SelectCommand = findwsbusedate da.Fill(ds, "wsb")

deptswbill.Table = ds.Tables("wsb")

```
cm = CType(Me.BindingContext(deptswbill), CurrencyManager)
If cm.Count > 0 Then
  Label152.Text = 0
  cm.Position = 0
  total = 0
  i = 0
  While (i \leq cm.Count - 1)
    total += DataGrid16.Item(cm.Position, 7)
     cm.Position += 1
    i += 1
  End While
  Label152.Text = total
  Label151.Text = DataGrid16.Item(cm.Position, 8)
End If
Label 130.Text = 0
Dim t1 As Double = Label149.Text
Dim t2 As Double = Label152.Text
Label130.Text = Math.Round(t1 + t2, 2)
If Label151.Text \Leftrightarrow "" Then
  Label131.Text = Label151.Text
Else
   Label131.Text = Label150.Text
End If
findcashierpayment.Parameters("@date1").Value = DateTimePicker7.Value
findcashierpayment.Parameters("@date2").Value = DateTimePicker8.Value
findcashierpayment.Parameters("@personid").Value = TextBox53.Text
da.SelectCommand = findcashierpayment
da.Fill(ds, "cp")
cashierpayment.Table = ds.Tables("cp")
cm = CType(Me.BindingContext(cashierpayment), CurrencyManager)
If cm.Count > 0 Then
   Label 170.Text = 0
   cm.Position = 0
   total = 0
```
```
i = 0
While (i <= cm.Count - 1)
total += DataGrid19.Item(cm.Position, 2)
cm.Position += 1
i += 1
End While
Label170.Text = total
Label169.Text = DataGrid19.Item(cm.Position, 3)</pre>
```

Label174.Text = 0 Dim bt1 As Double = Label130.Text Dim bt2 As Double = Label170.Text Label174.Text = Math.Round(bt1 - bt2, 2) Label173.Text = Label169.Text If Label174.Text > 0 Then Label175.Text = "+"

Else

Label175.Text = ""

End If

End If

Else

MsgBox("Connection Problem You Have To Connect To Server",

```
MessageBoxIcon.Error)
```

Me.Close()

End If

End Sub

Private Sub Button58_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button58.Click

```
If connectionString = connstr

If TextBox55.Text = "" Or Not IsNumeric(TextBox55.Text) Then

Exit Sub

End If
```

savecashierpayment.Parameters("@personid").Value = TextBox53.Text savecashierpayment.Parameters("@date").Value = Date.Today savecashierpayment.Parameters("@payment").Value = TextBox55.Text savecashierpayment.Parameters("@moneyunit").Value = ComboBox21.Text

Try

pc.Open()

savecashierpayment.ExecuteNonQuery()

MsgBox("Paid Sucessfuly", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

Dim da As New SqlClient.SqlDataAdapter

Dim ds As New DataSet

Dim i As Integer

```
findcashierpayment.Parameters("@date1").Value = DateTimePicker7.Value
findcashierpayment.Parameters("@date2").Value = DateTimePicker8.Value
findcashierpayment.Parameters("@personid").Value = TextBox53.Text
```

da.SelectCommand = findcashierpayment

da.Fill(ds, "cp")

cashierpayment.Table = ds.Tables("cp")

cm = CType(Me.BindingContext(cashierpayment), CurrencyManager)

If cm.Count > 0 Then

```
Label170.Text = 0
```

cm.Position = 0

```
total = 0
```

i = 0

```
While (i \leq cm.Count - 1)
```

total += DataGrid19.Item(cm.Position, 2)

cm.Position += 1

```
i += 1
```

```
End While
```

Label170.Text = total

Label169.Text = DataGrid19.Item(cm.Position, 3)

Label174.Text = 0 Dim bt1 As Double = Label130.Text Dim bt2 As Double = Label170.Text Label174.Text = Math.Round(bt1 - bt2, 2) Label173.Text = Label169.Text If Label174.Text > 0 Then Label175.Text = "+"

Else

Label175.Text = ""

End If

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button59_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button59.Click
```

```
If connctrl = 1 Then
```

Dim ic As Integer

ic = MsgBox("Do You Want to Delete Selected Payment",

MsgBoxStyle.YesNo, "DELETE")

If ic > 6 Then

Exit Sub

End If

pc.ConnectionString = connstr

cm = CType(Me.BindingContext(cashierpayment), CurrencyManager)

cashierpaymentdel.Parameters("@personid").Value =

```
DataGrid19.Item(cm.Position, 0)
```

cashierpaymentdel.Parameters("@date").Value = DataGrid19.Item(cm.Position,

1)

cashierpaymentdel.Parameters("@payment").Value =

DataGrid19.Item(cm.Position, 2)

cashierpaymentdel.Parameters("@moneyunit").Value =

DataGrid19.Item(cm.Position, 3)

Try

pc.Open()

cashierpaymentdel.ExecuteNonQuery()

MsgBox("Selected Payment Deleted Sucessfully", MsgBoxStyle.Information)

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

Dim da As New SqlClient.SqlDataAdapter

Dim ds As New DataSet

Dim i As Integer

find cashier payment. Parameters ("@date1"). Value = DateTimePicker7. Value

findcashierpayment.Parameters("@date2").Value = DateTimePicker8.Value

findcashierpayment.Parameters("@personid").Value = TextBox53.Text

da.SelectCommand = findcashierpayment

da.Fill(ds, "cp")

cashierpayment.Table = ds.Tables("cp")

cm = CType(Me.BindingContext(cashierpayment), CurrencyManager)

If cm.Count > 0 Then

```
Label170.Text = 0

cm.Position = 0

total = 0

i = 0

While (i <= cm.Count - 1)

total += DataGrid19.Item(cm.Position, 2)

cm.Position += 1

i += 1
```

End While Label170.Text = total Label169.Text = DataGrid19.Item(cm.Position, 3)

Label174.Text = 0 Dim bt1 As Double = Label130.Text Dim bt2 As Double = Label170.Text Label174.Text = Math.Round(bt1 - bt2, 2) Label173.Text = Label169.Text If Label174.Text > 0 Then Label175.Text = "+"

Else

Label175.Text = ""

End If

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button61_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button61.Click

If connctrl = 1 Then TextBox53.Text = "" TextBox54.Text = "" DateTimePicker7.Text = "" DateTimePicker8.Text = "" deptsbill.Table.Clear() deptswbill.Table.Clear() cashierpayment.Table.Clear() Label149.Text = 0 Label150.Text = ""

```
Label151.Text = ""
Label152.Text = 0
Label130.Text = 0
Label131.Text = ""
Label169.Text = ""
Label170.Text = 0
Label173.Text = ""
```

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button60_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button60.Click

```
DateTimePicker9.Text = ""
DateTimePicker10.Text = ""
CheckBox6.Checked = False
CheckBox7.Checked = False
CheckBox8.Checked = False
findbills.Table.Clear()
findbillitems.Table.Clear()
```

End Sub

Private Sub TabControl2_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TabControl2.SelectedIndexChanged If TabControl2.SelectedTab.Name = "TabPage12" Then Dim co As New SqlClient.SqlCommand Dim da As New SqlClient.SqlDataAdapter Dim ds As New DataSet co.Connection = pc pc.ConnectionString = connstr co.CommandText = "select unit from moneyunit" da.SelectCommand = co ds.Clear() ComboBox9.Items.Clear() da.Fill(ds, "mu") Dim dr As DataRow For Each dr In ds.Tables("mu").Rows ComboBox9.Items.Add(dr.Item("unit")) Next

Dim sco As New SqlClient.SqlCommand Dim sda As New SqlClient.SqlDataAdapter Dim sds As New DataSet sco.Connection = pc sco.CommandText = "select sex from sex" sda.SelectCommand = sco sds.Clear() ComboBox11.Items.Clear() sda.Fill(sds, "mu") Dim sdr As DataRow For Each sdr In sds.Tables("mu").Rows ComboBox11.Items.Add(sdr.Item("sex")) Next

Dim puco As New SqlClient.SqlCommand Dim puda As New SqlClient.SqlDataAdapter Dim puds As New DataSet puco.Connection = pc puco.CommandText = "select packageunit from packageunit" puda.SelectCommand = puco puds.Clear() ComboBox10.Items.Clear() puda.Fill(puds, "mu") Dim pudr As DataRow For Each pudr In puds.Tables("mu").Rows ComboBox10.Items.Add(pudr.Item("packageunit")) Next

Dim ptco As New SqlClient.SqlCommand Dim ptda As New SqlClient.SqlDataAdapter Dim ptds As New DataSet ptco.Connection = pc ptco.CommandText = "select packagetype from packagetype" ptda.SelectCommand = ptco ptds.Clear() ComboBox12.Items.Clear() ptda.Fill(ptds, "mu") Dim ptdr As DataRow For Each ptdr In ptds.Tables("mu").Rows ComboBox12.Items.Add(ptdr.Item("packagetype")) Next

Dim mco As New SqlClient.SqlCommand Dim mda As New SqlClient.SqlDataAdapter Dim mds As New DataSet mco.Connection = pc mco.CommandText = "select mark from mark" mda.SelectCommand = mco mds.Clear() ComboBox15.Items.Clear() mda.Fill(mds, "mu") Dim mdr As DataRow For Each mdr In mds.Tables("mu").Rows ComboBox15.Items.Add(mdr.Item("mark")) Next

Dim Ico As New SqlClient.SqlCommand

Dim Ida As New SqlClient.SqlDataAdapter Dim Ids As New DataSet Ico.Connection = pc Ico.CommandText = "select location from location" Ida.SelectCommand = Ico Ids.Clear() ComboBox17.Items.Clear() Ida.Fill(Ids, "mu") Dim Idr As DataRow For Each Idr In Ids.Tables("mu").Rows ComboBox17.Items.Add(Idr.Item("location")) Next End If

If TabControl2.SelectedTab.Name = "TabPage14" Then Dim co As New SqlClient.SqlCommand Dim da As New SqlClient.SqlDataAdapter Dim ds As New DataSet co.Connection = pcpc.ConnectionString = connstr co.CommandText = "select statute from permissions" da.SelectCommand = cods.Clear() ComboBox18.Items.Clear() da.Fill(ds, "mu") Dim dr As DataRow For Each dr In ds. Tables("mu"). Rows ComboBox18.Items.Add(dr.Item("statute")) Next End If End Sub

Private Sub Button66_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button66.Click

If connctrl = 1 Then

Dim aco As New SqlClient.SqlCommand aco.Connection = pcpc.ConnectionString = connstr aco.CommandText = "insert moneyunit values ('" & TextBox62.Text & _ "',0); select * from moneyunit where([id]=@@IDENTITY)" pc.Open() aco.ExecuteNonQuery() MsgBox("Save Money Unit Sucessfully", MsgBoxStyle.Information) pc.Close() Dim co As New SqlClient.SqlCommand Dim da As New SqlClient.SqlDataAdapter Dim ds As New DataSet co.Connection = pc pc.ConnectionString = connstr co.CommandText = "select unit from moneyunit" da.SelectCommand = cods.Clear() ComboBox9.Items.Clear() da.Fill(ds, "mu") Dim dr As DataRow For Each dr In ds. Tables("mu"). Rows ComboBox9.Items.Add(dr.Item("unit")) Next Else MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button67_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button67.Click If connctrl = 1 Then Dim ic As Integer ic = MsgBox("Do You Want to Delete Selected Moneyunit", MsgBoxStyle.YesNo, "DELETE")

```
If ic > 6 Then
```

Exit Sub

End If

Dim dco As New SqlClient.SqlCommand

dco.Connection = pc

pc.ConnectionString = connstr

dco.CommandText = "delete from moneyunit where(unit like " &

ComboBox9.Text & "')"

pc.Open()

dco.ExecuteNonQuery()

pc.Close()

MsgBox("Selected Money Unit Deleted Sucessfully",

MsgBoxStyle.Information)

Dim co As New SqlClient.SqlCommand

Dim da As New SqlClient.SqlDataAdapter

Dim ds As New DataSet

co.Connection = pc

pc.ConnectionString = connstr

co.CommandText = "select unit from moneyunit"

da.SelectCommand = co

ds.Clear()

ComboBox9.Items.Clear()

da.Fill(ds, "mu")

Dim dr As DataRow

For Each dr In ds.Tables("mu").Rows

ComboBox9.Items.Add(dr.Item("unit"))

Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button125_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button125.Click

If connctrl = 1 Then

pc.ConnectionString = connstr

Dim ic As Integer

ic = MsgBox("Do You Want to Change Default Moneyunit",

MsgBoxStyle.YesNo, "CHANGE")

If ic > 6 Then

Exit Sub

End If

Dim id As Integer

Dim co As New SqlClient.SqlCommand

co.Connection = pc

co.CommandText = "select [id],[set] from moneyunit where(unit like " &

ComboBox9.Text & "")"

pc.Open()

id = co.ExecuteScalar() pc.Close() Dim od As Integer co.CommandText = "select [id] from moneyunit where([set]=1)" pc.Open() od = co.ExecuteScalar() pc.Close() co.CommandText = "update moneyunit set [set]=0 where ([id]=" & od & ")" pc.Open() co.ExecuteNonQuery() pc.Close() co.CommandText = "update moneyunit set [set]=1 where ([id]=" & id & ")" pc.Open() co.ExecuteNonQuery() pc.Close() MsgBox("Changed Default Moneyunit Sucessfully", MsgBoxStyle.Information) Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If

End Sub

Private Sub Button71_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button71.Click

If connetrl = 1 Then pc.ConnectionString = connstr Dim co As New SqlClient.SqlCommand co.Connection = pcco.CommandText = "insert sex values(" & TextBox64.Text & _ "'); select * from sex where([id]=@@IDENTITY)" pc.Open() co.ExecuteNonQuery() pc.Close() MsgBox("Save New Sex Sucessfully", MsgBoxStyle.Information) Dim sco As New SqlClient.SqlCommand Dim sda As New SqlClient.SqlDataAdapter Dim sds As New DataSet sco.Connection = pcsco.CommandText = "select sex from sex" sda.SelectCommand = sco sds.Clear() ComboBox11.Items.Clear() sda.Fill(sds, "mu") Dim sdr As DataRow For Each sdr In sds.Tables("mu").Rows ComboBox11.Items.Add(sdr.Item("sex")) Next

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

```
Me.Close()
End If
```

End Sub

Private Sub Button70_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button70.Click

If connctrl = 1 Then

Dim ic As Integer

ic = MsgBox("Do You Want to Delete Selected Sex", MsgBoxStyle.YesNo,

"DELETE")

If ic > 6 Then

Exit Sub

End If

Dim dco As New SqlClient.SqlCommand

dco.Connection = pc

pc.ConnectionString = connstr

dco.CommandText = "delete from sex where(sex like " & ComboBox11.Text &

")"

pc.Open()
dco.ExecuteNonQuery()
pc.Close()
MsgBox("Selected Sex Unit Deleted Sucessfully", MsgBoxStyle.Information)
Dim sco As New SqlClient.SqlCommand
Dim sda As New SqlClient.SqlDataAdapter
Dim sds As New DataSet
sco.Connection = pc
sco.CommandText = "select sex from sex"
sda.SelectCommand = sco
sds.Clear()
ComboBox11.Items.Clear()
sda.Fill(sds, "mu")
Dim sdr As DataRow

For Each sdr In sds.Tables("mu").Rows

ComboBox11.Items.Add(sdr.Item("sex"))

Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub Button69_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button69.Click If connctrl = 1 Then pc.ConnectionString = connstr Dim co As New SqlClient.SqlCommand co.Connection = pcco.CommandText = "insert packageunit values(" & TextBox63.Text & _ "'); select * from packageunit where([id]=@@IDENTITY)" pc.Open() co.ExecuteNonQuery() pc.Close() MsgBox("Save New Packageunit Sucessfully", MsgBoxStyle.Information) Dim puco As New SqlClient.SqlCommand Dim puda As New SqlClient.SqlDataAdapter Dim puds As New DataSet puco.Connection = pcpuco.CommandText = "select packageunit from packageunit" puda.SelectCommand = puco puds.Clear() ComboBox10.Items.Clear() puda.Fill(puds, "mu") Dim pudr As DataRow For Each pudr In puds.Tables("mu").Rows ComboBox10.Items.Add(pudr.Item("packageunit"))

Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button68_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button68.Click

If connctrl = 1 Then

Dim ic As Integer

ic = MsgBox("Do You Want to Delete Selected Packageunit",

MsgBoxStyle.YesNo, "DELETE")

If ic > 6 Then

Exit Sub

End If

Dim dco As New SqlClient.SqlCommand

dco.Connection = pc

pc.ConnectionString = connstr

dco.CommandText = "delete from packageunit where(packageunit like " &

ComboBox10.Text & "")"

pc.Open()

dco.ExecuteNonQuery()

pc.Close()

MsgBox("Selected Package Unit Deleted Sucessfully",

MsgBoxStyle.Information)

Dim puco As New SqlClient.SqlCommand

Dim puda As New SqlClient.SqlDataAdapter

Dim puds As New DataSet

puco.Connection = pc

puco.CommandText = "select packageunit from packageunit"

puda.SelectCommand = puco

puds.Clear()

ComboBox10.Items.Clear()

puda.Fill(puds, "mu")

Dim pudr As DataRow

For Each pudr In puds.Tables("mu").Rows

ComboBox10.Items.Add(pudr.Item("packageunit"))

Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button73_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button73.Click

If connectrl = 1 Then

pc.ConnectionString = connstr

Dim co As New SqlClient.SqlCommand

co.Connection = pc

co.CommandText = "insert packagetype values(" & TextBox65.Text & _

"'); select * from packagetype where([id]=@@IDENTITY)"

pc.Open()

co.ExecuteNonQuery()

pc.Close()

MsgBox("Save New Packagetype Sucessfully", MsgBoxStyle.Information)

Dim ptco As New SqlClient.SqlCommand

Dim ptda As New SqlClient.SqlDataAdapter

Dim ptds As New DataSet

ptco.Connection = pc

ptco.CommandText = "select packagetype from packagetype"

ptda.SelectCommand = ptco

ptds.Clear()

ComboBox12.Items.Clear()

ptda.Fill(ptds, "mu")

Dim ptdr As DataRow

For Each ptdr In ptds.Tables("mu").Rows

ComboBox12.Items.Add(ptdr.Item("packagetype"))

Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button72_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button72.Click

If connctrl = 1 Then

Dim ic As Integer

ic = MsgBox("Do You Want to Delete Selected Packagetype",

MsgBoxStyle.YesNo, "DELETE")

If ic > 6 Then

Exit Sub

End If

Dim dco As New SqlClient.SqlCommand

dco.Connection = pc

pc.ConnectionString = connstr

dco.CommandText = "delete from packagetype where(packagetype like " &

ComboBox12.Text & "')"

pc.Open()

dco.ExecuteNonQuery()

pc.Close()

MsgBox("Selected Package Type Deleted Sucessfully",

MsgBoxStyle.Information)

Dim ptco As New SqlClient.SqlCommand

Dim ptda As New SqlClient.SqlDataAdapter

Dim ptds As New DataSet

ptco.Connection = pc

ptco.CommandText = "select packagetype from packagetype" ptda.SelectCommand = ptco ptds.Clear() ComboBox12.Items.Clear() ptda.Fill(ptds, "mu") Dim ptdr As DataRow For Each ptdr In ptds.Tables("mu").Rows ComboBox12.Items.Add(ptdr.Item("packagetype")) Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If

End Sub

Private Sub Button75_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button75.Click

If connctrl = 1 Then pc.ConnectionString = connstr Dim co As New SqlClient.SqlCommand co.Connection = pcco.CommandText = "insert mark values(" & TextBox66.Text & _ "'); select * from mark where([id]=@@IDENTITY)" pc.Open() co.ExecuteNonQuery() pc.Close() MsgBox("Save New Mark Sucessfully", MsgBoxStyle.Information) Dim mco As New SqlClient.SqlCommand Dim mda As New SqlClient.SqlDataAdapter Dim mds As New DataSet mco.Connection = pcmco.CommandText = "select mark from mark" mda.SelectCommand = mco

mds.Clear() ComboBox15.Items.Clear() mda.Fill(mds, "mu") Dim mdr As DataRow For Each mdr In mds.Tables("mu").Rows ComboBox15.Items.Add(mdr.Item("mark")) Next Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button74_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button74.Click

If connctrl = 1 Then

Dim ic As Integer

ic = MsgBox("Do You Want to Delete Selected Mark", MsgBoxStyle.YesNo, "DELETE")

If ic > 6 Then

Exit Sub

End If

Dim dco As New SqlClient.SqlCommand

dco.Connection = pc

pc.ConnectionString = connstr

dco.CommandText = "delete from mark where(mark like " &

ComboBox15.Text & "")"

pc.Open()

dco.ExecuteNonQuery()

pc.Close()

MsgBox("Selected Mark Deleted Sucessfully", MsgBoxStyle.Information)

Dim mco As New SqlClient.SqlCommand

Dim mda As New SqlClient.SqlDataAdapter

Dim mds As New DataSet mco.Connection = pc mco.CommandText = "select mark from mark" mda.SelectCommand = mco mds.Clear() ComboBox15.Items.Clear() mda.Fill(mds, "mu") Dim mdr As DataRow For Each mdr In mds.Tables("mu").Rows ComboBox15.Items.Add(mdr.Item("mark")) Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button77_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button77.Click
```

```
If connecti = 1 Then

pc.ConnectionString = connstr

Dim co As New SqlClient.SqlCommand

co.Connection = pc

co.CommandText = "insert location values("" & TextBox11.Text & _

""); select * from location where([id]=@@IDENTITY)"

pc.Open()

co.ExecuteNonQuery()

pc.Close()

MsgBox("Save New Location Sucessfully", MsgBoxStyle.Information)

Dim lco As New SqlClient.SqlCommand

Dim lda As New SqlClient.SqlDataAdapter

Dim lds As New DataSet

lco.Connection = pc
```

lco.CommandText = "select location from location"
lda.SelectCommand = lco
lds.Clear()
ComboBox17.Items.Clear()
lda.Fill(lds, "mu")
Dim ldr As DataRow
For Each ldr In lds.Tables("mu").Rows
ComboBox17.Items.Add(ldr.Item("location"))
Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub Button76_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button76.Click

If connctrl = 1 Then

Dim ic As Integer

ic = MsgBox("Do You Want to Delete Selected Location",

MsgBoxStyle.YesNo, "DELETE")

```
If ic > 6 Then
```

Exit Sub

End If

Dim dco As New SqlClient.SqlCommand

dco.Connection = pc

pc.ConnectionString = connstr

dco.CommandText = "delete from location where(location like " &

ComboBox17.Text & "")"

pc.Open()

dco.ExecuteNonQuery()

pc.Close()

MsgBox("Selected location Deleted Sucessfully", MsgBoxStyle.Information)

Dim Ico As New SqlClient.SqlCommand Dim Ida As New SqlClient.SqlDataAdapter Dim Ids As New DataSet Ico.Connection = pc Ico.CommandText = "select location from location" Ida.SelectCommand = Ico Ids.Clear() ComboBox17.Items.Clear() Ida.Fill(Ids, "mu") Dim Idr As DataRow For Each Idr In Ids.Tables("mu").Rows ComboBox17.Items.Add(Idr.Item("location"))

Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button98_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button98.Click
```

```
If connctrl = 1 Then
```

Dim ic As Integer

ic = MsgBox("Do You Want to Change Cofficient of Selling Price Calculator", MsgBoxStyle.YesNo, "DELETE")

```
If ic <> 6 Then
Exit Sub
End If
If TextBox68.Text = "" Then
sellingpriceupdate.Parameters("@p1").Value = "-"
Else
sellingpriceupdate.Parameters("@p1").Value = TextBox68.Text
End If
```

```
If TextBox69.Text = "" Then
         sellingpriceupdate.Parameters("@p1a").Value = 0
       ElseIf TextBox68.Text = "%" Then
         sellingpriceupdate.Parameters("@pla").Value =
Math.Round((TextBox69.Text / 100) + 1, 2)
       ElseIf TextBox68.Text = "+" Then
         sellingpriceupdate.Parameters("@p1a").Value = TextBox69.Text
       End If
       If TextBox70.Text = "" Then
         sellingpriceupdate.Parameters("@p2").Value = "-"
       Else
         sellingpriceupdate.Parameters("@p2").Value = TextBox70.Text
       End If
       If TextBox71.Text = "" Then
         sellingpriceupdate.Parameters("@p2a").Value = 0
       ElseIf TextBox70.Text = "%" Then
          sellingpriceupdate.Parameters("@p2a").Value =
Math.Round((TextBox71.Text / 100) + 1, 2)
       ElseIf TextBox70.Text = "+" Then
          sellingpriceupdate.Parameters("@p2a").Value = TextBox71.Text
       End If
       pc.Open()
       sellingpriceupdate.ExecuteNonQuery()
       MsgBox("Set Selling Price sucessfully", MsgBoxStyle.Information)
       pc.Close()
     Else
        MsgBox("Connection Problem You Have To Connect To Server",
 MessageBoxIcon.Error)
        Me.Close()
     End If
```

End Sub

Private Sub ComboBox18_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ComboBox18.SelectedIndexChanged If connctrl = 1 Then

Dim co As New SqlClient.SqlCommand

Dim da As New SqlClient.SqlDataAdapter

Dim ds As New DataSet

co.Connection = pc

pc.ConnectionString = connstr

co.CommandText = "select * from permissions where(statute like " &

ComboBox18.Text & "")"

da.SelectCommand = co

ds.Clear()

da.Fill(ds, "mu")

Dim dr As DataRow

For Each dr In ds. Tables("mu"). Rows

If dr.Item("cregandest") = 1 Then

CheckBox9.Checked = True

Else

CheckBox9.Checked = False

End If

If dr.Item("fregandset") = 1 Then

CheckBox10.Checked = True

Else

CheckBox10.Checked = False

End If

If dr.Item("sconandset") = 1 Then

```
CheckBox11.Checked = True
```

Else

CheckBox11.Checked = False

End If

If dr.Item("entinvoice") = 1 Then

CheckBox12.Checked = True

Else

CheckBox12.Checked = False

End If

If dr.Item("casselling") = 1 Then

CheckBox14.Checked = True Else CheckBox14.Checked = False End If If dr.Item("caswselling") = 1 Then CheckBox15.Checked = True Else CheckBox15.Checked = False End If If dr.Item("cascanceling") = 1 Then CheckBox16.Checked = True Else CheckBox16.Checked = False End If If dr.Item("strongbox") = 1 Then CheckBox17.Checked = True Else CheckBox17.Checked = False End If If dr.Item("deptandpayment") = 1 Then CheckBox13.Checked = True Else CheckBox13.Checked = False End If If dr.Item("progset") = 1 Then CheckBox18.Checked = True Else CheckBox18.Checked = False End If If dr.Item("reports") = 1 Then CheckBox20.Checked = True Else CheckBox20.Checked = False End If

Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close() End If

End Sub

Private Sub Button78_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button78.Click

```
If connctrl = 1 Then
```

pc.ConnectionString = connstr

If TextBox67.Text = "" Then

MsgBox("Enter A Statute Name", MsgBoxStyle.Information) Exit Sub

```
End If
```

savepermission.Parameters("@statute").Value = TextBox67.Text

```
If CheckBox9.Checked = True Then
```

savepermission.Parameters("@cregandest").Value = 1

```
ElseIf CheckBox9.Checked = False Then
```

savepermission.Parameters("@cregandest").Value = 0

End If

```
If CheckBox10.Checked = True Then
```

savepermission.Parameters("@fregandset").Value = 1

```
ElseIf CheckBox10.Checked = False Then
```

savepermission.Parameters("@fregandset").Value = 0

End If

If CheckBox11.Checked = True Then

savepermission.Parameters("@sconandset").Value = 1

ElseIf CheckBox11.Checked = False Then

savepermission.Parameters("@sconandset").Value = 0 End If

If CheckBox12.Checked = True Then

```
savepermission.Parameters("@entinvoice").Value = 1
ElseIf CheckBox12.Checked = False Then
  savepermission.Parameters("@entinvoice").Value = 0
End If
If CheckBox14.Checked = True Then
  savepermission.Parameters("@casselling").Value = 1
ElseIf CheckBox14.Checked = False Then
  savepermission.Parameters("@casselling").Value = 0
End If
If CheckBox15.Checked = True Then
  savepermission.Parameters("@caswselling").Value = 1
Elself CheckBox15.Checked = False Then
   savepermission.Parameters("@caswselling").Value = 0
End If
If CheckBox16.Checked = True Then
   savepermission.Parameters("@cascanceling").Value = 1
ElseIf CheckBox16.Checked = False Then
   savepermission.Parameters("@cascanceling").Value = 0
End If
If CheckBox17.Checked = True Then
   savepermission.Parameters("@strongbox").Value = 1
 ElseIf CheckBox17.Checked = False Then
   savepermission.Parameters("@strongbox").Value = 0
 End If
 If CheckBox13.Checked = True Then
   savepermission.Parameters("@deptandpayment").Value = 1
 ElseIf CheckBox13.Checked = False Then
   savepermission.Parameters("@deptandpayment").Value = 0
 End If
 If CheckBox18.Checked = True Then
   savepermission.Parameters("@progset").Value = 1
 ElseIf CheckBox18.Checked = False Then
    savepermission.Parameters("@progset").Value = 0
 End If
```

```
If CheckBox20.Checked = True Then
```

```
savepermission.Parameters("@reports").Value = 1
```

```
ElseIf CheckBox20.Checked = False Then
```

savepermission.Parameters("@reports").Value = 0

End If

Try

pc.Open()

savepermission.ExecuteNonQuery()

MsgBox("Save New Statute Sucessfully", MsgBoxStyle.Information)

Dim co As New SqlClient.SqlCommand

Dim da As New SqlClient.SqlDataAdapter

Dim ds As New DataSet

co.Connection = pc

co.CommandText = "select statute from permissions"

da.SelectCommand = co

ds.Clear()

ComboBox18.Items.Clear()

da.Fill(ds, "mu")

Dim dr As DataRow

For Each dr In ds.Tables("mu").Rows

ComboBox18.Items.Add(dr.Item("statute"))

Next

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button79_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button79.Click
    If connectrl = 1 Then
      pc.ConnectionString = connstr
      updatepermission.Parameters("@statute").Value = ComboBox18.Text
      If CheckBox9.Checked = True Then
         updatepermission.Parameters("@cregandest").Value = 1
       ElseIf CheckBox9.Checked = False Then
         updatepermission.Parameters("@cregandest").Value = 0
       End If
       If CheckBox10.Checked = True Then
         updatepermission.Parameters("@fregandset").Value = 1
       ElseIf CheckBox10.Checked = False Then
         updatepermission.Parameters("@fregandset").Value = 0
       End If
       If CheckBox11.Checked = True Then
         updatepermission.Parameters("@sconandset").Value = 1
       ElseIf CheckBox11.Checked = False Then
         updatepermission.Parameters("@sconandset").Value = 0
       End If
       If CheckBox12.Checked = True Then
         updatepermission.Parameters("@entinvoice").Value = 1
       Elself CheckBox12.Checked = False Then
         updatepermission.Parameters("@entinvoice").Value = 0
       End If
       If CheckBox14.Checked = True Then
         updatepermission.Parameters("@casselling").Value = 1
       ElseIf CheckBox14.Checked = False Then
         updatepermission.Parameters("@casselling").Value = 0
       End If
       If CheckBox15.Checked = True Then
         updatepermission.Parameters("@caswselling").Value = 1
       ElseIf CheckBox15.Checked = False Then
         updatepermission.Parameters("@caswselling").Value = 0
```

End If

```
If CheckBox16.Checked = True Then
  updatepermission.Parameters("@cascanceling").Value = 1
ElseIf CheckBox16.Checked = False Then
  updatepermission.Parameters("@cascanceling").Value = 0
End If
If CheckBox17. Checked = True Then
  updatepermission.Parameters("@strongbox").Value = 1
ElseIf CheckBox17.Checked = False Then
  updatepermission.Parameters("@strongbox").Value = 0
End If
If CheckBox13.Checked = True Then
  updatepermission.Parameters("@deptandpayment").Value = 1
ElseIf CheckBox13.Checked = False Then
  updatepermission.Parameters("(\hat{a})deptandpayment").Value = 0
End If
If CheckBox18.Checked = True Then
  updatepermission.Parameters("@progset").Value = 1
ElseIf CheckBox18.Checked = False Then
  updatepermission.Parameters("@progset").Value = 0
End If
If CheckBox20.Checked = True Then
  updatepermission.Parameters("@reports").Value = 1
ElseIf CheckBox20.Checked = False Then
  updatepermission.Parameters("@reports").Value = 0
End If
Try
  pc.Open()
  updatepermission.ExecuteNonQuery()
  MsgBox("Updated Statute Sucessfully", MsgBoxStyle.Information)
  Dim co As New SqlClient.SqlCommand
  Dim da As New SqlClient.SqlDataAdapter
  Dim ds As New DataSet
  co.Connection = pc
```

co.CommandText = "select statute from permissions"

da.SelectCommand = co

ds.Clear()

ComboBox18.Items.Clear()

da.Fill(ds, "mu")

Dim dr As DataRow

For Each dr In ds.Tables("mu").Rows

ComboBox18.Items.Add(dr.Item("statute"))

Next

Catch ex As SqlClient.SqlException

MsgBox(ex.Message & " (" & ex.Number & ")")

Finally

pc.Close()

End Try

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub Button80_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button80.Click
```

If connctrl = 1 Then

Dim ic As Integer

ic = MsgBox("Do You Want to Delete Selected Statute", MsgBoxStyle.YesNo,
"DELETE")

If ic > 6 Then

Exit Sub

End If

Dim dco As New SqlClient.SqlCommand

dco.Connection = pc

pc.ConnectionString = connstr

dco.CommandText = "delete from [permissions] where(statute like " & ComboBox18.Text & ")"

pc.Open()

dco.ExecuteNonQuery()

pc.Close()

MsgBox("Selected Statute Deleted Sucessfully", MsgBoxStyle.Information)

Dim co As New SqlClient.SqlCommand

Dim da As New SqlClient.SqlDataAdapter

Dim ds As New DataSet

co.Connection = pc

pc.ConnectionString = connstr

co.CommandText = "select statute from permissions"

da.SelectCommand = co

ds.Clear()

ComboBox18.Items.Clear()

da.Fill(ds, "mu")

Dim dr As DataRow

For Each dr In ds.Tables("mu").Rows

ComboBox18.Items.Add(dr.Item("statute"))

Next

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

End Class

Public Class Form5

Inherits System. Windows. Forms. Form

Dim cm As CurrencyManager

Dim dw As New DataView

Private Sub bs_RadioButton1_CheckedChanged(ByVal sender As System.Object,

ByVal e As System. EventArgs) Handles bs_RadioButton1. CheckedChanged

```
If bs_RadioButton1.Checked = True Then
    bs_TextBox1.Enabled = True
    bs_TextBox1.Focus()
Else
    bs_TextBox1.Enabled = False
    bs_TextBox1.Text = ""
```

End If

End Sub

```
Private Sub bs_RadioButton2_CheckedChanged(ByVal sender As System.Object,
```

ByVal e As System. EventArgs) Handles bs_RadioButton2. CheckedChanged

If bs RadioButton2.Checked = True Then

DateTimePicker1.Enabled = True

DateTimePicker2.Enabled = True

Else

DateTimePicker1.Enabled = False

DateTimePicker2.Enabled = False

End If

End Sub

```
Private Sub bs_Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles bs_Button1.Click
If connetrl = 1 Then
cm = CType(Me.BindingContext(dw), CurrencyManager)
Dim bsds As New DataSet
bsds.Clear()
If bs_RadioButton1.Checked = True Then
If Not IsNumeric(bs_TextBox1.Text) Then
MsgBox("Invalid Bill No", MessageBoxIcon.Error)
Exit Sub
End If
bsc.ConnectionString = connstr
bsda.Fill(bsds, "bs")
```

dw.Table = bsds.Tables("bs")

dw.RowFilter = "billno=" & bs_TextBox1.Text

bs DataGrid1.DataSource = dw

If cm.Position < 0 Then

MsgBox("Bill Not Found (Invalid Bill No)", MessageBoxIcon.Error) End If

ElseIf bs RadioButton2.Checked = True Then

If DateTimePicker1.Value > DateTimePicker2.Value Then

MsgBox("Starting Date Not Greater Then Finishing Date",

```
MessageBoxIcon.Error)
```

Exit Sub

End If

bsc.ConnectionString = connstr

bsda.Fill(bsds, "bs")

dw.Table = bsds.Tables("bs")

Dim s As Date = DateTimePicker1.Value

Dim f As Date = DateTimePicker2.Value

Dim strt As String = s.ToShortDateString

Dim fnsh As String = f.ToShortDateString

dw.RowFilter = "bdate>="" & strt & "" and bdate<="" & fnsh & """

bs DataGrid1.DataSource = dw

If cm.Position < 0 Then

MsgBox("Bill Not Found (Invalid Bill No)", MessageBoxIcon.Error)

End If

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub bs_DataGrid1_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles bs_DataGrid1.CurrentCellChanged

```
cm = CType(Me.BindingContext(dw), CurrencyManager)
bs_DataGrid1.Select(cm.Position)
End Sub
```

```
Private Sub bs_DataGrid1_DoubleClick(ByVal sender As Object, ByVal e As
System.EventArgs) Handles bs_DataGrid1.DoubleClick
```

cm = CType(Me.BindingContext(dw), CurrencyManager) billno = bs_DataGrid1.Item(cm.Position, 0) bdate = bs_DataGrid1.Item(cm.Position, 1) firmid = bs_DataGrid1.Item(cm.Position, 2) personid = bs_DataGrid1.Item(cm.Position, 3) totaltaxcost = bs_DataGrid1.Item(cm.Position, 4) total = bs_DataGrid1.Item(cm.Position, 5) moneyunit = bs_DataGrid1.Item(cm.Position, 6) discount = bs_DataGrid1.Item(cm.Position, 7) bsctrl = 1 Me.Close() End Sub

End Class

Public Class Form6

Inherits System.Windows.Forms.Form

Dim cm As CurrencyManager

Dim fsdv As New DataView

Private Sub fs_RadioButton1_CheckedChanged(ByVal sender As System.Object,

ByVal e As System. EventArgs) Handles fs_RadioButton1. CheckedChanged

If fs RadioButton1.Checked = True Then

TextBox1.Enabled = True

TextBox1.Focus()

ElseIf fs_RadioButton1.Checked = False Then

TextBox1.Enabled = False

TextBox1.Text = ""

End If

End Sub
```
Private Sub fs_RadioButton2_CheckedChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles fs_RadioButton2.CheckedChanged
If fs_RadioButton2.Checked = True Then
TextBox2.Enabled = True
TextBox2.Focus()
ElseIf fs_RadioButton2.Checked = False Then
TextBox2.Enabled = False
TextBox2.Text = ""
End If
End Sub
```

```
Private Sub fs_Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles fs_Button1.Click
    If connctrl = 1 Then
      Dim fsco As New SqlClient.SqlCommand
      Dim fsda As New SqlClient.SqlDataAdapter
      Dim fsds As New DataSet
      Dim fsc As New SqlClient.SqlConnection
      cm = CType(Me.BindingContext(fsdv), CurrencyManager)
       If fs RadioButton1.Checked = True Then
         If Not IsNumeric(TextBox1.Text) Then
           MsgBox("Invalid Firm ID", MessageBoxIcon.Error)
           Exit Sub
         End If
         fsc.ConnectionString = connstr
         fsco.Connection = fsc
         fsco.CommandText = "select * from firmdat"
         fsda.SelectCommand = fsco
```

fsds.Clear()

fsda.Fill(fsds, "fs")

fsdv.Table = fsds.Tables("fs")

fs DataGrid1.DataSource = fsdv

fsdv.RowFilter = "id=" & TextBox1.Text

If cm.Position < 0 Then

MsgBox("Firm Not Found (Invalid Firm No)", MessageBoxIcon.Error) TextBox1.Focus()

End If

ElseIf fs RadioButton2.Checked = True Then

fsc.ConnectionString = connstr

fsco.Connection = fsc

fsco.CommandText = "select * from firmdat where(name like " &

TextBox2.Text & "%')"

fsda.SelectCommand = fsco

fsds.Clear()

fsda.Fill(fsds, "fs")

fsdv.Table = fsds.Tables("fs")

fs_DataGrid1.DataSource = fsdv

If cm.Position < 0 Then

MsgBox("Firm(s) Not Found At This Name", MessageBoxIcon.Error) TextBox2.Focus()

End If

End If

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close()

End If

End Sub

Private Sub fs_DataGrid1_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles fs_DataGrid1.CurrentCellChanged

cm = CType(Me.BindingContext(fsdv), CurrencyManager)

fs_DataGrid1.Select(cm.Position)

End Sub

Private Sub fs_DataGrid1_DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles fs_DataGrid1.DoubleClick

```
fid = fs_DataGrid1.Item(cm.Position, 0)
firmname = fs_DataGrid1.Item(cm.Position, 1)
Me.Close()
End Sub
```

```
Private Sub fs_MenuItem1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles fs_MenuItem1.Click
fid = fs_DataGrid1.Item(cm.Position, 0)
firmname = fs_DataGrid1.Item(cm.Position, 1)
Me.Close()
End Sub
```

End Class

Public Class Form7

Inherits System. Windows. Forms. Form

Dim cm As CurrencyManager

Dim psdv As New DataView

Private Sub ps RadioButton1_CheckedChanged(ByVal sender As System.Object,

ByVal e As System.EventArgs) Handles ps_RadioButton1.CheckedChanged

If ps RadioButton1.Checked = True Then

TextBox1.Enabled = True

TextBox1.Focus()

Elself ps RadioButton1.Checked = False Then

TextBox1.Enabled = False

TextBox1.Text = ""

End If

End Sub

```
Private Sub ps_RadioButton2_CheckedChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ps_RadioButton2.CheckedChanged
```

If ps RadioButton2.Checked = True Then

TextBox2.Enabled = True

TextBox2.Focus()

ElseIf ps_RadioButton2.Checked = False Then

```
TextBox2.Enabled = False
TextBox2.Text = ""
End If
End Sub
```

```
Private Sub ps_Button1_Click(ByVal sender As System.Object, ByVal e As
System. EventArgs) Handles ps Button1. Click
    If connctrl = 1 Then
      Dim psda As New SqlClient.SqlDataAdapter
      Dim psds As New DataSet
      cm = CType(Me.BindingContext(psdv), CurrencyManager)
      If ps RadioButton1.Checked = True Then
         If Not IsNumeric(TextBox1.Text) Then
           MsgBox("Invalid Barcode", MessageBoxIcon.Error)
           Exit Sub
         End If
         SqlConnection1.ConnectionString = connstr
         searchproduct.Parameters("@barcode").Value = TextBox1.Text
         psda.SelectCommand = searchproduct
         psds.Clear()
         psda.Fill(psds, "ps")
         psdv.Table = psds.Tables("ps")
         ps DataGrid1.DataSource = psdv
         If cm.Position < 0 Then
           MsgBox("Product Not Found (Invalid Barcode)", MessageBoxIcon.Error)
           TextBox1.Focus()
         End If
       ElseIf ps RadioButton2.Checked = True Then
         SqlConnection1.ConnectionString = connstr
         searchproducttype.Parameters("@producttype").Value = TextBox2.Text &
"%"
         psda.SelectCommand = searchproducttype
         psds.Clear()
```

```
psda.Fill(psds, "ps")
```

psdv.Table = psds.Tables("ps")

ps DataGrid1.DataSource = psdv

If cm.Position < 0 Then

MsgBox("Firm Not Found (Invalid Firm No)", MessageBoxIcon.Error)

TextBox2.Focus()

End If

End If

Else

MsgBox("Connection Problem You Have To Connect To Server", MessageBoxIcon.Error)

Me.Close()

End If

End Sub

```
Private Sub ps_DataGrid1_CurrentCellChanged(ByVal sender As Object, ByVal e
As System.EventArgs) Handles ps_DataGrid1.CurrentCellChanged
```

cm = CType(Me.BindingContext(psdv), CurrencyManager)

ps_DataGrid1.Select(cm.Position)

End Sub

Private Sub ps_DataGrid1_DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles ps_DataGrid1.DoubleClick barcode = ps_DataGrid1.Item(cm.Position, 0) producttype = ps_DataGrid1.Item(cm.Position, 1) mark = ps_DataGrid1.Item(cm.Position, 2) packageamount = ps_DataGrid1.Item(cm.Position, 3) packageunit = ps_DataGrid1.Item(cm.Position, 4) packagetype = ps_DataGrid1.Item(cm.Position, 5) tax = ps_DataGrid1.Item(cm.Position, 6) sellingprice = ps_DataGrid1.Item(cm.Position, 7) moneyunit = ps_DataGrid1.Item(cm.Position, 8) taxcost = ps_DataGrid1.Item(cm.Position, 9) stock = ps_DataGrid1.Item(cm.Position, 11) startingdate = ps_DataGrid1.Item(cm.Position, 12)

```
finishingdate = ps_DataGrid1.Item(cm.Position, 13)
notes = ps_DataGrid1.Item(cm.Position, 14)
campaignprice = ps_DataGrid1.Item(cm.Position, 15)
cmoneyunit = ps_DataGrid1.Item(cm.Position, 16)
spctrl = 1
Me.Close()
End Sub
```

```
Private Sub ps_MenuItem1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ps_MenuItem1.Click
```

barcode = ps DataGrid1.Item(cm.Position, 0) producttype = ps DataGrid1.Item(cm.Position, 1) mark = ps DataGrid1.Item(cm.Position, 2) packageamount = ps DataGrid1.Item(cm.Position, 3) packageunit = ps DataGrid1.Item(cm.Position, 4) packagetype = ps DataGrid1.Item(cm.Position, 5) tax = ps DataGrid1.Item(cm.Position, 6) sellingprice = ps DataGrid1.Item(cm.Position, 7) moneyunit = ps DataGrid1.Item(cm.Position, 8) taxcost = ps DataGrid1.Item(cm.Position, 9) stock = ps DataGrid1.Item(cm.Position, 11) startingdate = ps DataGrid1.Item(cm.Position, 12) finishingdate = ps DataGrid1.Item(cm.Position, 13) notes = ps DataGrid1.Item(cm.Position, 14) campaignprice = ps DataGrid1.Item(cm.Position, 15) cmoneyunit = ps DataGrid1.Item(cm.Position, 16) spctrl = 1Me.Close() End Sub

End Class

Public Class Form8 Inherits System.Windows.Forms.Form Private Sub Form8_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

ca_Label3.Text = csbilltotal ca_Label6.Text = cstaxtotal ca_Label4.Text = csmoneyunit ca_Label7.Text = csmoneyunit Label1.Text = csmoneyunit Label3.Text = csmoneyunit

End Sub

```
Private Sub ca_Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ca_Button2.Click
```

```
csctrl = 1
csrepayment = Label2.Text
Me.Close()
End Sub
```

Private Sub ca_Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ca_Button1.Click

```
csctrl = 0
Me.Close()
End Sub
```

```
Private Sub TextBox1_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox1.TextChanged
If TextBox1.Text \Leftrightarrow "" And IsNumeric(TextBox1.Text) Then
Label2.Text = TextBox1.Text - ca_Label3.Text
End If
If TextBox1.Text = "" Then
Label2.Text = 0
End If
End Sub
End Class
```

Public Class Form9

Inherits System.Windows.Forms.Form Private Sub Form9_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load cc_Label2.Text = csbilltotal cc_Label5.Text = cstaxtotal cc_Label3.Text = csmoneyunit cc_Label6.Text = csmoneyunit

End Sub

Private Sub ca_Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ca_Button2.Click

```
csctrl = 1
csrepayment = 0
If TextBox1.Text = "" Then
cscardno = "-"
Else
cscardno = TextBox1.Text
End If
Me.Close()
End Sub
```

Private Sub ca_Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ca_Button1.Click

csctrl = 0 Me.Close()

End Sub

End Class

Public Class Form10

Inherits System. Windows. Forms. Form

Private Sub Form10_Load(ByVal sender As System.Object, ByVal e As

System.EventArgs) Handles MyBase.Load

cac_Label2.Text = csbilltotal cac_Label5.Text = cstaxtotal cac_Label3.Text = csmoneyunit cac_Label6.Text = csmoneyunit Label1.Text = csmoneyunit Label3.Text = csmoneyunit Label4.Text = csmoneyunit Label6.Text = csmoneyunit

```
Private Sub TextBox3_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox3.TextChanged
```

If cac_Label2.Text <= TextBox3.Text And Label5.Text = "" Then

TextBox3.Text = ""

End If

If TextBox2.Text \diamond "" And IsNumeric(TextBox2.Text) And TextBox3.Text \diamond "" Then

```
Label2.Text = Math.Round(TextBox3.Text - Label5.Text, 2)

ElseIf TextBox3.Text < "" And IsNumeric(TextBox3.Text) Then

Label5.Text = Math.Round(cac_Label2.Text - TextBox3.Text, 2)

ElseIf TextBox2.Text = "" And TextBox3.Text = "" Then

Label5.Text = ""

ElseIf TextBox2.Text < "" And TextBox3.Text = "" Then

Label2.Text = 0

End If

If TextBox3.Text = "" Then

Label2.Text = 0

End If
```

End Sub

Private Sub TextBox2_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox2.TextChanged If TextBox2.Text > "" And IsNumeric(TextBox2.Text) Then

Label5.Text = Math.Round(cac_Label2.Text - TextBox2.Text, 2)

```
ElseIf TextBox2.Text = "" And TextBox3.Text = "" Then
Label5.Text = ""
End If
End Sub
```

```
Private Sub ca_Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ca_Button1.Click
```

```
csctrl = 0
Me.Close()
End Sub
```

```
Private Sub ca_Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ca_Button2.Click
```

```
csctrl = 1
```

csrepayment = Label2.Text

If TextBox1.Text = "" Then

cscardno = "-"

Else

cscardno = TextBox1.Text

End If

```
If TextBox2.Text = "" And TextBox3.Text \Leftrightarrow "" Then
```

cscashamount = TextBox3.Text

cscardamount = Math.Round(cac_Label2.Text - TextBox3.Text, 2)

```
ElseIf TextBox2.Text <> "" And TextBox3.Text = "" Then
```

cscardamount = TextBox2.Text

cscashamount = Math.Round(cac_Label2.Text - TextBox2.Text, 2)

```
ElseIf TextBox2.Text = "" And TextBox3.Text = "" Then
```

MsgBox("Enter Cash Payment or Credit Card Amount",

MessageBoxIcon.Error)

Exit Sub

Else

```
cscashamount = Math.Round(TextBox2.Text - Label2.Text, 2)
```

cscardamount = TextBox2.Text

End If

Me.Close()

End Sub End Class

Public Class Form11

Inherits System. Windows. Forms. Form

Dim cm As CurrencyManager

Dim fsdv As New DataView

Private Sub psRadioButton1_CheckedChanged(ByVal sender As System.Object,

ByVal e As System. EventArgs) Handles psRadioButton1. CheckedChanged

If psRadioButton1.Checked = True Then

psTextBox1.Enabled = True

psTextBox2.Enabled = False

Else

psTextBox1.Enabled = False

```
psTextBox2.Enabled = True
```

End If

End Sub

Private Sub psButton1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles psButton1.Click

```
If connctrl = 1 Then
```

If psRadioButton1.Checked = True Then

Dim co As New SqlClient.SqlCommand

Dim da As New SqlClient.SqlDataAdapter

Dim c As New SqlClient.SqlConnection

Dim ds As New DataSet

c.ConnectionString = connstr

co.Connection = c

co.CommandText = "select * from persondat where (id=" & psTextBox1.Text

& ")"

da.SelectCommand = co
da.Fill(ds, "ps")
psDataGrid1.DataSource = fsdv

fsdv.Table = ds.Tables("ps")

ElseIf psRadioButton2.Checked = True Then

Dim co As New SqlClient.SqlCommand

Dim da As New SqlClient.SqlDataAdapter

Dim c As New SqlClient.SqlConnection

Dim ds As New DataSet

c.ConnectionString = connstr

co.Connection = c

co.CommandText = "select * from persondat where (name like " &

```
psTextBox2.Text & "%')"
```

da.SelectCommand = co

da.Fill(ds, "ps")

psDataGrid1.DataSource = fsdv

fsdv.Table = ds.Tables("ps")

End If

Else

MsgBox("Connection Problem You Have To Connect To Server",

MessageBoxIcon.Error)

Me.Close() End If End Sub

Private Sub psRadioButton2_CheckedChanged(ByVal sender As System.Object,

ByVal e As System.EventArgs) Handles psRadioButton2.CheckedChanged

If psRadioButton2.Checked = True Then

psTextBox1.Enabled = False

psTextBox2.Enabled = True

Else

psTextBox1.Enabled = True psTextBox2.Enabled = False End If

. . . .

End Sub

Private Sub psDataGrid1_CurrentCellChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles psDataGrid1.CurrentCellChanged

```
cm = CType(Me.BindingContext(fsdv), CurrencyManager)
```

psDataGrid1.Select(cm.Position)

End Sub

Private Sub psDataGrid1_DoubleClick(ByVal sender As Object, ByVal e As System.EventArgs) Handles psDataGrid1.DoubleClick

```
cm = CType(Me.BindingContext(fsdv), CurrencyManager)
```

prsnid = psDataGrid1.Item(cm.Position, 0)

personname = psDataGrid1.Item(cm.Position, 1)

Me.Close()

End Sub

Private Sub MenuItem1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem1.Click

cm = CType(Me.BindingContext(fsdv), CurrencyManager)

```
prsnid = psDataGrid1.Item(cm.Position, 0)
```

personname = psDataGrid1.Item(cm.Position, 1)

Me.Close()

End Sub

End Class

Appendix SQL Server

create procedure sbilladd

(

@bdate datetime,
@personid int,
@personname text,
@totaltaxcost float,
@total float,
@moneyunit text,
@paymenttype text,
@cashamount float,
@kkartamount float
)
as
insert into sellingbill(bdate, personid, personname, totaltaxcost,total, moneyunit, paymenttype, cashamount, kkartamount) values

moneyunit, paymenttype, cashamount, kkartamount) values (@bdate, @personid, @personname, @totaltaxcost, @total, @moneyunit, @paymenttype, @cashamount, @kkartamount); select billno from sellingbill where(billno=@@identity) go

create procedure productadd

```
(
```

@barcode int,@producttype text,@mark text,@packageamount float,

@packageunit text,
@packagetype text,
@tax float,
@sellingprice money,
@moneyunit text,
@taxcost float,
@location text,
@stock float

)

as

insert into

products(barcode,producttype,mark,packageamount,packageunit,packagetype,tax,sellin gprice,

moneyunit,taxcost,location,stock)values

(@barcode,@producttype,@mark,@packageamount,@packageunit,@packagetype,@ta x,@sellingprice,

@moneyunit,@taxcost,@location,@stock);

go

(

create procedure campaigndel

@barcode bigint

) as delete from campaigns where(barcode=@barcode) go

create procedure campaignupdate

(@startingdate datetime,
@finishingdate datetime,
@notes text,

```
@campaignprice money,
@moneyunit text,
(a)id int
)
as
update campaigns set
startingdate=@startingdate,
finishingdate=@finishingdate,
notes=@notes,
campaignprice=@campaignprice,
moneyunit=@moneyunit
where([id]=@id)
```

go

```
create procedure barcodesrch
```

```
(a) barcode bigint
```

```
)
```

(

as

products.barcode, products.producttype, products.mark, SELECT

```
products.packageamount, products.packageunit, products.packagetype, products.tax,
             products.sellingprice, products.moneyunit,products.taxcost,
```

products.location, products.stock, campaigns.startingdate, campaigns.finishingdate,

```
campaigns.notes, campaigns.campaignprice, campaigns.moneyunit AS
cmoneyunit
```

products INNER JOIN FROM

```
campaigns ON products.barcode = campaigns.barcode
```

where (products.barcode=@barcode)

go

create procedure typesrch

(@producttype text)

as

SELECT products.barcode, products.producttype, products.mark,

 $products. package amount, \ products. package unit, \ products. package type, \ products. tax,$

products.sellingprice, products.moneyunit,products.taxcost,

products.location, products.stock, campaigns.startingdate, campaigns.finishingdate,

campaigns.notes, campaigns.campaignprice, campaigns.moneyunit AS

FROM products INNER JOIN

campaigns ON products.barcode = campaigns.barcode where (products.producttype like @producttype)

go

(

create procedure prdctdel (@barcode bigint) as delete from products where (barcode=@barcode) select campaignid from products go

create procedure productupdate

@producttype text,
@mark text,
@packageamount float,
@packageunit text,
@packagetype text,
@tax float,
@sellingprice money,
@moneyunit text,
@taxcost float,
@stock float,

@location text,
@barcode bigint
)
as
update products set
producttype=@producttype,
mark=@mark,
packageamount=@packageamount,
packageunit =@packageunit,
packagetype=@packagetype,
tax=@tax,
sellingprice=@sellingprice,

moneyunit=@moneyunit, taxcost=@taxcost, stock=@stock, location=@location where(barcode=@barcode) go

create procedure buyingbillupdate (@billno bigint, @bdate datetime, @firmid int, @personid int, @totaltaxcost float, @total float, @total float, @discount float) as update buyingbill set bdate=@bdate, firmid=@firmid,

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```
personid=@personid,
totaltaxcost=@totaltaxcost,
total=@total,
moneyunit=@moneyunit,
discount=@discount
where(billno=@billno)
go
```

create procedure bbitemsupdate (@billno bigint, @barcode bigint, @amount float, @tax float, @price float, @moneyunit text, @taxcost float) as update bbitems set barcode=@barcode, amount=@amount, tax=@tax, price=@price, moneyunit=@moneyunit, taxcost=@taxcost where(billno=@billno)

go

create procedure firmsadd (@name text, @address text, @phone1 text,

```
@phone2 text,
@fax1 text,
@fax2 text,
@email text,
@webpage text
)
as
insert into firmdat([name],address,phone1,phone2,fax1,fax2,email,webpage)values
(@name,@address,@phone1,@phone2,@fax1,@fax2,@email,@webpage);
select * from firmdat
where([id]=@@IDENTITY)
go
```

create procedure firmupdate

(@id int, @name text, @address text, @phone1 text, @phone2 text, @fax1 text, @fax2 text, @email text, @webpage text) as update firmdat set [name]=@name, address=@address, phone1=@phone1, phone2=@phone2, fax1=@fax1,fax2=@fax2, email=@email,

```
webpage=@webpage
where([id]=@id)
go
```

create procedure selectbillitems

(

@billno bigint

)

as

SELECT bbitems.billno, bbitems.barcode, products.products.products.mark, products.packageamount, products.packageunit, products.packagetype,

bbitems.amount, bbitems.tax, bbitems.price, bbitems.taxcost

FROM bbitems INNER JOIN

products ON bbitems.barcode = products.barcode

```
where(bbitems.billno=@billno)
```

go

create procedure bbilladd

```
(
@billno bigint,
@bdate datetime,
@firmid int,
@personid int,
@totaltaxcost float,
@total float,
@moneyunit text,
@discount float
)
as
insert into
```

buyingbill(billno,bdate,firmid,personid,totaltaxcost,total,moneyunit,discount)values (@billno,@bdate,@firmid,@personid,@totaltaxcost,@total,@moneyunit,@discount);

go

create procedure bbitemsadd

Constantions, 201

(@billno bigint, @barcode bigint, @amount float, @tax float, @price float, @moneyunit text, @taxcost float) as insert into bbitems(billno,barcode,amount,tax,price,moneyunit,taxcost)values (@billno,@barcode,@amount,@tax,@price,@moneyunit,@taxcost); go

create procedure swholebilladd

(

@bdate datetime,
@personid int,
@personname text,
@firmid int,
@firmname text,
@totaltaxcost float,
@total float,
@moneyunit text,
@paymenttype text,
@cashamount float,
@kkartamount float,

@ccardno text

)

as

insert into swholebill(bdate, personid, personname,firmid, firmname, totaltaxcost,total, moneyunit, paymenttype, cashamount, kkartamount,ccardno) values

(@bdate, @personid, @personname, @firmid, @firmname, @totaltaxcost, @total,
@moneyunit, @paymenttype,
@cashamount, @kkartamount,@ccardno);
select billno from swholebill
where(billno=@@identity)
go

create procedure sbillfindastodate
(
 @date1 datetime,
 @date2 datetime
)
as
select * from sellingbill
where(bdate>=@date1 and bdate<=@date2)
go</pre>

create procedure wsbillfindastodate

(@date1 datetime, @date2 datetime) as select * from swholebill where(bdate>=@date1 and bdate<=@date2) go

create procedure firmaccountsave

(@date datetime,
@firmid int,
@billno bigint,
@recipientfirmid int,
@recipientfirm text,

```
@dept float,
@payment float
)
as
insert into
firmaccount([date],firmid,billno,recipientfirmid,recipientfirm,dept,payment)values
(@date,@firmid,@billno,@recipientfirmid,@recipientfirm,@dept,@payment);
select * from firmaccount
where([id]=@@IDENTITY)
go
```

CREATE procedure faccountupdate

```
(
@date datetime,
@firmid int,
@billno bigint,
@recipientfirmid int,
@recipientfirm text,
@dept float,
@payment float,
@moneyunit text
)
as
update firmaccount set
[date]=@date,
firmid=@firmid,
recipientfirmid=@recipientfirmid,
recipientfirm=@recipientfirm,
dept=@dept,
payment=@payment,
moneyunit=@moneyunit
where(billno=@billno)
GO
```

CREATE procedure faccountupdatebyid

@id int,

@date datetime,

@firmid int,

@recipientfirmid int,

@recipientfirm text,

@payment float,

@moneyunit text

```
)
```

as

update firmaccount set [date]=@date, firmid=@firmid, recipientfirmid=@recipientfirmid, recipientfirm=@recipientfirm, payment=@payment, moneyunit=@moneyunit where([id]=@id) GO

create procedure finddeptbydate

(@firmid int, @date1 datetime, @date2 datetime

```
)
```

as

select [id],[date],firmid,billno,recipientfirmid,recipientfirm,dept,moneyunit from firmaccount

where(billno > 0 and firmid=@firmid and [date]>=@date1 and [date]<=@date2) go

create procedure searchproduct

(

@barcode bigint

)

```
as
```

SELECT products.barcode, products.producttype, products.mark,

products.packageamount, products.packageunit, products.packagetype, products.tax, products.sellingprice, products.moneyunit, products.taxcost,

products.location, products.stock, campaigns.startingdate, campaigns.finishingdate,

campaigns.notes, campaigns.campaignprice, campaigns.moneyunit AS cmoneyunit

FROM products INNER JOIN

campaigns ON products.barcode = campaigns.barcode

WHERE(products.barcode=@barcode)

Go

create procedure searchproducttype

(

@producttype text

)

as

SELECT products.barcode, products.producttype, products.mark,

products.packageamount, products.packageunit, products.packagetype, products.tax, products.sellingprice, products.moneyunit, products.taxcost,

products.location, products.stock, campaigns.startingdate, campaigns.finishingdate,

campaigns.notes, campaigns.campaignprice, campaigns.moneyunit AS

FROM products INNER JOIN

campaigns ON products.barcode = campaigns.barcode

WHERE(products.producttype like @producttype)

Go

create procedure campaignadd

(

@barcode bigint,

@startingdate datetime,
@finishingdate datetime,
@notes text,
@campaignprice money,
@moneyunit text

) as

insert into

campaigns(barcode,startingdate,finishingdate,notes,campaignprice,moneyunit)values (@barcode,@startingdate,@finishingdate,@notes,@campaignprice,@moneyunit);

GO

create procedure sbitemsadd (@billno bigint, @barcode bigint, @amount float, @tax float, @price float, @moneyunit text, @taxcost float) as insert into sbillitems(billno, b

insert into sbillitems(billno, barcode, amount, tax, price, moneyunit,taxcost)values (@billno, @barcode, @amount, @tax, @price, @moneyunit, @taxcost); go

create procedure swbitemsadd

(
@billno bigint,
@barcode bigint,
@amount float,

@tax float, @price float, @moneyunit text, @taxcost float) as insert into swbillitems(billno, barcode, amount, tax, price, moneyunit,taxcost)values (@billno, @barcode, @amount, @tax, @price, @moneyunit, @taxcost); go create procedure bbitemsupdate (@billno bigint, @barcode bigint,

@amount float,

@tax float,

@price float,

@moneyunit text,

@taxcost float

```
)
```

as

update bbitems set

amount=@amount,

tax=@tax,

price=@price,

moneyunit=@moneyunit,

taxcost=@taxcost

where (billno=@billno and barcode=@barcode)

go

create procedure findsbillusingdate

(@date1 datetime,

@date2 datetime

)

```
as

select * from sellingbill

where(bdate>=@date1 and bdate<=@date2)

go

create procedure findsbillusingcashier

(

@date1 datetime,

@date2 datetime,

@date2 datetime,

@personid int

)

as

select * from sellingbill

where(bdate>=@date1 and bdate<=@date2 and personid=@personid)
```

GO

create procedure findwsbillusingdate

```
(
(
@date1 datetime,
@date2 datetime
)
as
select * from swholebill
where(bdate>=@date1 and bdate<=@date2)</pre>
```

GO

create procedure findwsbillusingcashier

(@date1 datetime, @date2 datetime, @personid int) as

select * from swholebill

where(bdate>=@date1 and bdate<=@date2 and personid=@personid)

GO create procedure findwsbillusingfirm (@date1 datetime, @date2 datetime, @firmid int) as select * from swholebill where(bdate>=@date1 and bdate<=@date2 and firmid=@firmid) GO create procedure findwsbillusingfirmandcashier (normania int adate1 datetime, @date2 datetime, @firmid int, @personid int) as select * from swholebill where(bdate>=@date1 and bdate<=@date2 and firmid=@firmid and personid=@personid) GO create procedure findcashierpayment (orparented int.) @personid int, @date1 datetime, @date2 datetime

) as

255

select * from personaccount
where(personid=@personid and [date]<=@date1 and [date]<=@date2)
go
create procedure savecashierpayment
(</pre>

@personid int,

@date datetime,

@payment float,

@moneyunit text

)

as

insert into personaccount(personid,[date],payment,moneyunit) values (@personid,@date,@payment,@moneyunit)

go

create procedure cashierpaymentdel

(cente procedure updatum

@personid int,

@date datetime,

@payment float,

@moneyunit text

```
)
```

as

delete from personaccount

where(personid=@personid and [date]=@date and payment=@payment and moneyunit like @moneyunit)

go

create procedure selectpayment

@personid int,@date datetime,@payment float,@moneyunit text

)

(

as

select payment from personaccount

where(personid=@personid and [date]=@date and moneyunit like @moneyunit) go

create procedure personaccountupdate

(

@personid int,

adate datetime,

@payment float,

@moneyunit text

)

as

update personaccount set

payment=@payment

where(personid=@personid and [date]=@date and moneyunit like @moneyunit)

go

create procedure updatesellingprice

(_____

```
@p1 char(1),
```

@pla float,

(a)p2 char(1),

@p2a float

```
)
as
```

update sellingpricecalc set

```
p1=@p1,
```

pla=@pla,

```
p2=@p2,
```

p2a=@p2a

where(id=1)

go

create procedure savepermission

(@statute text,

@cregandest tinyint,

@fregandset tinyint,
@sconandset tinyint,
@entinvoice tinyint,
@casselling tinyint,
@casswselling tinyint,
@cascanceling tinyint,
@strongbox tinyint,
@deptandpayment tinyint,
@progset tinyint,
@reports tinyint

)

```
as
```

insert into [permissions](statute,cregandest,fregandset,sconandset, entinvoice,casselling,caswselling,cascanceling,strongbox,deptandpayment, progset_reports)values

(@statute,@cregandest,@fregandset,@sconandset,@entinvoice,@casselling,

@caswselling,@cascanceling,@strongbox,@deptandpayment,@progset,@reports);

select * from [permissions] where([id]=@@IDENTITY)

go

create procedure updatepermission

```
(
```

astatute text,

@cregandest tinyint,

@fregandset tinyint,

@sconandset tinyint,

@entinvoice tinyint,

@casselling tinyint,

acaswselling tinyint,

a cascanceling tinyint,

a strongbox tinyint,

@deptandpayment tinyint,

@progset tinyint,

@reports tinyint

as

update [permissions] set cregandest=@cregandest, fregandset=@fregandset, sconandset=@sconandset, entinvoice=@entinvoice, casselling=@casselling, caswselling=@caswselling, cascanceling=@cascanceling, strongbox=@strongbox, deptandpayment=@deptandpayment, progset=@progset, reports=@reports where(statute like @statute)

GO