



**NEAR EAST UNIVERSITY**

**FACULTY OF ENGINEERING  
DEPARTMENT OF COMPUTER ENGINEERING**

**GOVERNMENT LAW OF 36/2005 DISCOUNT  
PROJECT FOR ELECTRICITY BILLS**

**GRADUATION PROJECT  
COM – 400**

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**Nicosia -2006**



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## **ACKNOWLEDGMENTS**

Before beginning to introduce my project, i want to say something about me and university. I am 35 years old and i work in Electricity Authority as a Analyst Programmer. I graduated from EMU in 2000 from Computer Science and Information Technology Department.

This university is my second university that i take certificate and i am happy to graduate from this university. I want to say special thanks to the university staff and department staff very much. Because they help me when i have problems. They are very polite and helpful persons. I also want to say thanks for my managers and my friends in the work because they give me the change to follow the lessons.

## **ABSTRACT**

In this century in the world, thecnology is growing very fast, and we must study very hard to catch this. Computers are eneter everywhere in the life and make works very easy.

While i am working in authority we have a computer systems which is online with 7 district. This system is old, because it is Unix Operating System and COBOL programing language which is clumsy. It is difficult to write new programs and difficult to take reports when wanted. Me and my friend decided to recharge the system and network with the new technolgy. And we decided to set Windows Servers, Sql Server and .NET programming language with the 2 Mb rent Leased Lines to be online our district. This project that i prepare for the graduation project is only one part of our programs.

## **1.INTRODUCTION**

This project is prepared by me in 5th of september 2005. The aim of writing this program is, the Government Law 36/2005 which is discounting the penalties for electricity bills and make change to installments up to 36 months. This program calculate many possibilities to the consumers accounts and obtained discount amount, revenue amounts and instalments automatically. By this program we make a contract with the consumers. This program is used 7 different district office and make contract. By this program we make more than 8000 contracts. End of the day each office convert the database to the text format and send to the center office with the hyper terminals and then we load the data to the main server for customers accounts.

In this program there are three main program which is directly interested with customers. These are:

1. 2004 accounts : These accaounts are interested with up to 31-12-2004 date. The program calculate the unpaid bills, total paid and capital penalties till to end of 2004 , and calculate the discounts and installments and diveded in to months. The installments are obtained the government law. These are never change by the user. If the installment is obtained 6 month user can not make 12 month, but if the installment is 12 month user can decrease it 6 month. The installment rates are like that:

100 YTL – 500 YTL .....	6 month
500 YTL – 1000 YTL .....	12 month
1000 YTL – 2000 YTL .....	18 month
2000 YTL – 5000 YTL .....	24 month
up to 5000 YTL .....	36 month

2. 2005 accounts : This module is dicided our managers. It is not government law. Because the customers didn't paid their bills and wait the law, and we can't delivered the money, and they dicided that to give a change to the customers to pay their bills as installments. This module include only 2005 year accounts not before. The installments rates are like that:

Less than 200 YTL .....	1 month
200 – 400 YTL .....	2 month
400 - 600 YTL .....	3 month
600 – 1500 YTL .....	4 month
1500 – 3000 YTL .....	6 month

3. The accounts which are never paid and we can not delivered them and the accounts which the customers were changed their addresses and didn't paid their accounts. The installment rates are same as the 2004 accounts.
- The other modules are introduced with the forms next.

4. This program is prepared with Visual Basic 6.0 and MsAccess 2000 database.

First of all, All forms connect to the MS Access. All forms have Data controls for connecting to the Database. The Database Design is defined before. I used SQL queries in the codes that connect to the data. Always i didn't connect database by data controls at the design time of the form. Generally I used queries within the code. The usage of SQL is more practical, more usable and flexible. You can search everything according to your wish.

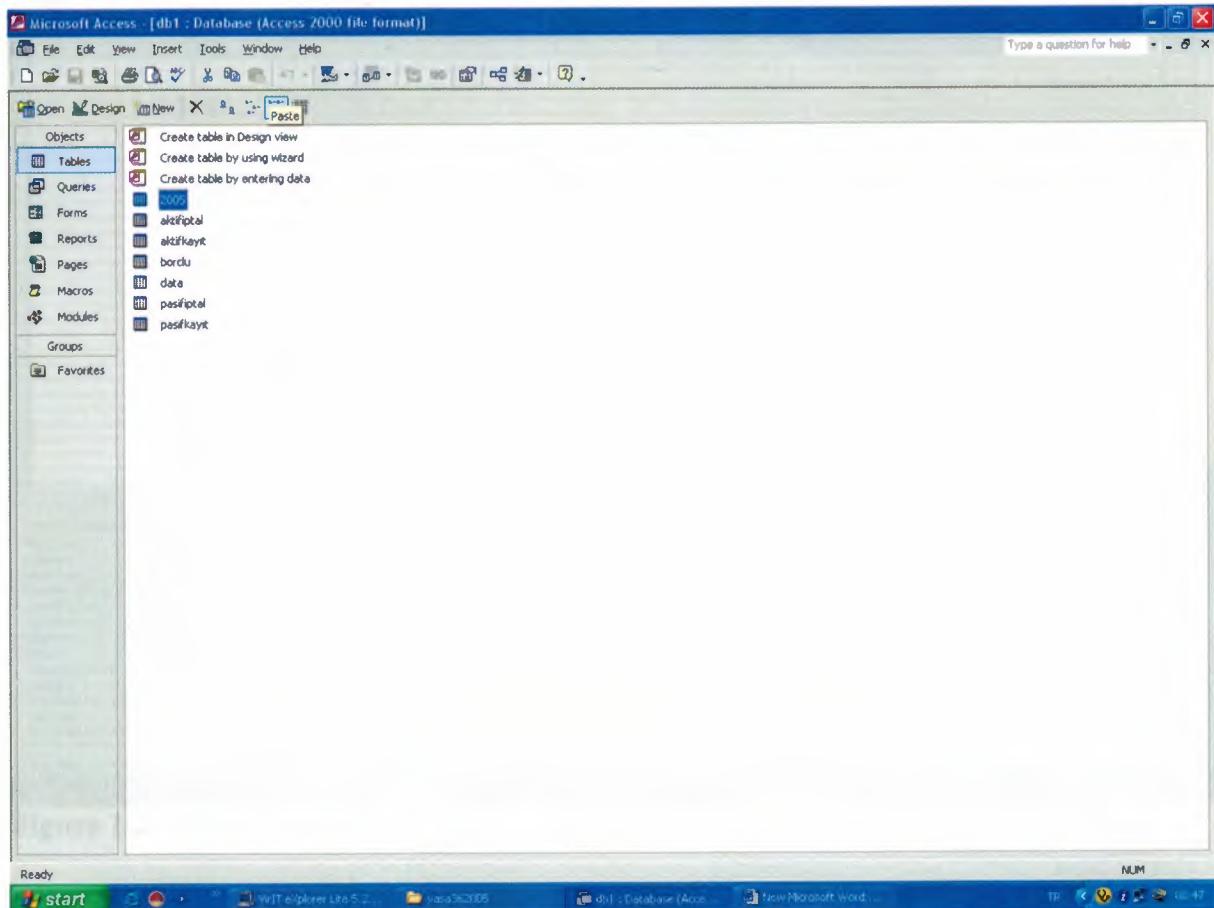
For example, makes searching according to the consumer number (Tüketicici No). It searches and finds consumer within the 120,000 consumers and brings the name, surname, address, dept for ending of 2004 including capital interest, the total capital interest from 1998 until 2004 and total collecting money until the end of 2004 for consumer that we searches in the text box. I used text boxes, labels option boxes, frames, data controls. Also I connected to the system date and it comes authomatically when the program starts. Of course the consumer that has dept by end of 2004 can apply this form calculations if not they should apply to the 2005 active instalment process with no discount.

In this form, consumer is responsible all debt untill the applying date and should pay 20% of the unpaid capital interest and 80% of that interest will get discount. User should enter present dept, present interest, present collecting money, the last bill number, identitiy no and phone number. If user doesn't enter any of these, program gives a message until user enter informations correctly. For example, if user enter bill number less than 9 charateer program gives error message. After all, program finds discount amount, instalment amount automatically. Program gives chance to the consumer to change instalment periods.

Finally, if you press record data will be added to the table as a new record.

## **2.GOVERNMENT LAW OF 36/2005 PROGRAM CONTENT**

### **2.1. DATABASE CONTENT**



**Figure 1.1 MsAccess Database Tables**

In this window there are 7 tables that we used to call or write data on it.  
These tables are :

1. 2005 : this table includes the 2005 year accounts.
2. aktifiptal : this table stores the data which the contracts are deleted.
3. aktifkayit : this is the table that we stored data to the contracts.
4. borclu : this is the table that, the data which is interested with unpaid accounts. It stores 31,428 records.
5. data : this table is the main table which includes the using accounts and stores 110,428 records.
6. pasifiptal : this table stores data that the deleted unpaid accounts.
7. pasifikayit : this table is the other main table that stores the operations related unpaid accounts.

## 2.1.1. 2005 TABLE

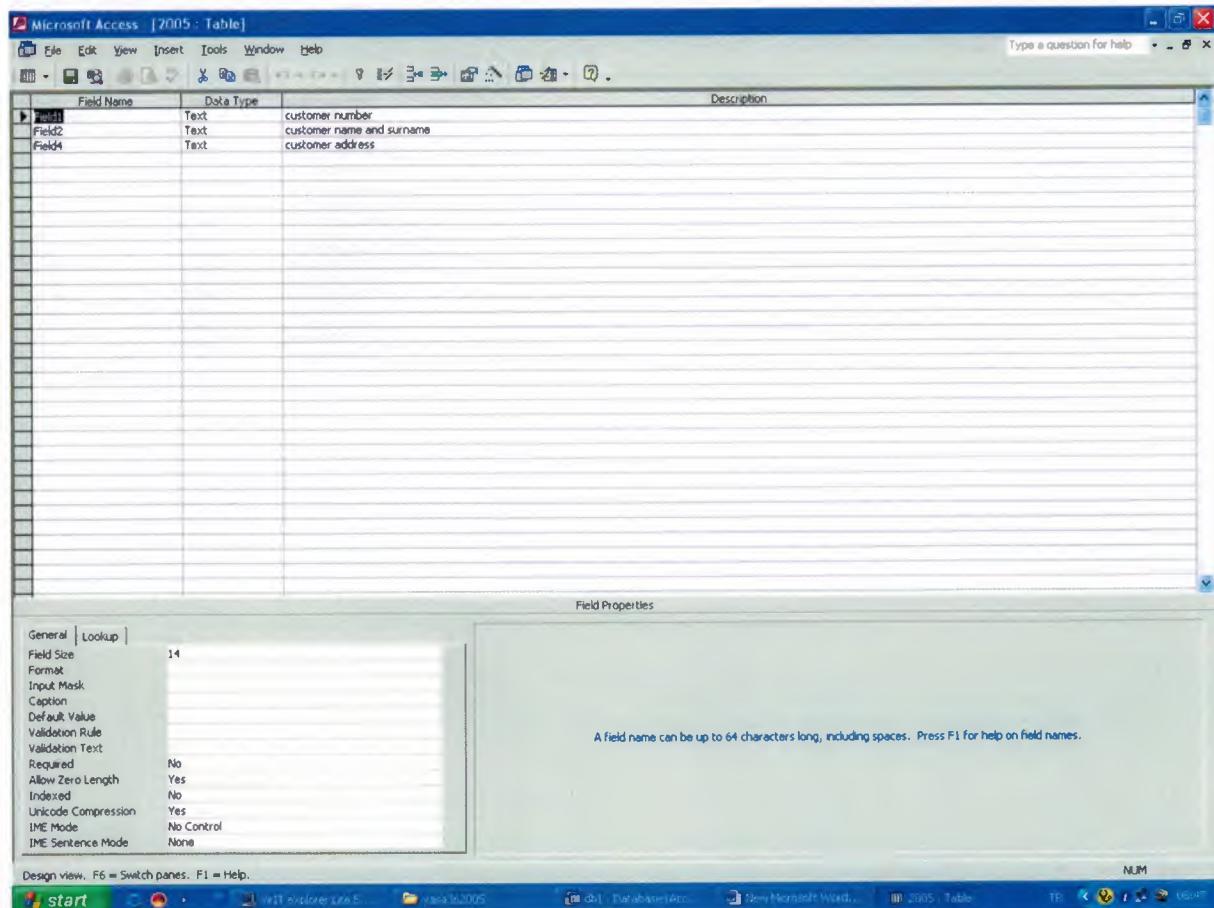


Figure 1.2. (2005 Table)

This table stores 2005 years data . This table is use to call data. In this table there are three fields which are includes the customer number , customer name and surname and customer address. It is used to installments the 2005 year bills.

## 2.1.2. aktifiptal TABLE

Field Name	Data Type	Description
tukno	Text	customer number
sonbakiye	Number	updated amount
songz	Number	updated penalties
sontahsilat	Number	updated collected money
fatno	Text	bill number
kimlik	Text	customer id
tel	Text	customer tel number
tarih	Text	operation date
y20	Number	%20 money that we received
y80	Number	%80 money that we make discount
y10	Number	%10 money that we received cash
toptah	Number	amount that total received
aytak	Number	amount of installment
taksay	Number	installment number
bak04	Number	dept of 2004
gz04	Number	2004 year penalties
top0405	Number	total amount for 2004 and 2005 years
kod	Text	code for installment "y" or "p"

Figure 1.3. (Aktif İptal TABLE) :

This table is used to write which records are deleted. When any record is deleted we never delete permanently, we write the same record to another table to control any mistakes for the users.

In this table we stores these fields :

tukno :the customers number and it is primary key.

sonbakiye : this field is contain the daily account.

songz : the penalties that shown at that time.

sontahsilat : the amount that the customer paid.

fatno : bill number (it is used to load the main server.UNIQUE)

kimlik : customers id number.

tel : customer telephone number.

tarih : operation date comes automatically.

y20 : this is the money that we must bring the out of %80 discount of penalties.

y80 : the money that we discount from the penalties.

y10 : we take it cash at that time and it is the %10 of total amount after discount.

toptah : the total amount that we will bring it with installments or cash.

aytak : the money that the customer will pay monthly after installment.

taksay : the number of installment.

bak04 : the amount of 2004 accounts.

gz04 : the penalties up to 31-12-04

top0405 : the total amount with 2004 and 2005 years bills.

kod : the code of installment. Y is named make installments P is cash.

### 2.1.3. aktifkayıt TABLE

**Field Name**

Field Name	Data Type	Description
tukno	Text	primary key . customer number
sonbakİYE	Number	updated usage amount
songz	Number	updated penalty amount
sontahsilat	Number	updated collected money
fatno	Text	bill number
kimlik	Text	customer id number
tel	Text	customer tel number
tarih	Text	operation date
y20	Number	%20 money that we received
y80	Number	%80 money that we make discount
y10	Number	%10 money that we received cash
toptah	Number	amount that total received
aytak	Number	amount of instalment
taksay	Number	instalment number
bak04	Number	dept of 2004
gz04	Number	2004 penalties
top0405	Number	total amount for 2004 and 2005 years
kod	Text	code for instalment

**Field Properties**

**General** | **Lookup** | **14**

Field Size: 14  
Format:  
Input Mask:  
Caption:  
Default Value:  
Validation Rule:  
Validation Text:  
Required: Yes  
Allow Zero Length: No  
Indexed: Yes (No Duplicates)  
Unicode Compression: Yes  
IME Mode: No Control  
IME Sentence Mode: None

A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.

**Figure 1.4. (aktifkayıt TABLE):**

This table is used to write data when customer comes and make contracts. This table is same with the aktifiptal table. They are same because when any contract is deleted the same record is copy to the aktifiptal table. The aim is controlled the users.  
In this table we stores these fields :

**tukno** : the customers number and it is primary key.

**sonbakİYE** : this field is contain the daily account.

**songz** : the penalties that shown at that time.

**sontahsilat** : the amount that the customer paid.

**fatno** : bill number (it is used to load the main server.UNIQUE)

**kimlik** : customers id number.

**tel** : customer telephone number.

**tarih** : operation date comes automatically.

**y20** : this is the money that we must bring the out of %80 discount of penalties.

**y80** : the money that we discount from the penalties.

**y10** : we take it cash at that time and it is the %10 of total amount after discount.

**toptah** : the total amount that we will bring it with installments or cash.

**aytak** : the money that the customer will pay monthly after installment.

**taksay** : the number of installment.

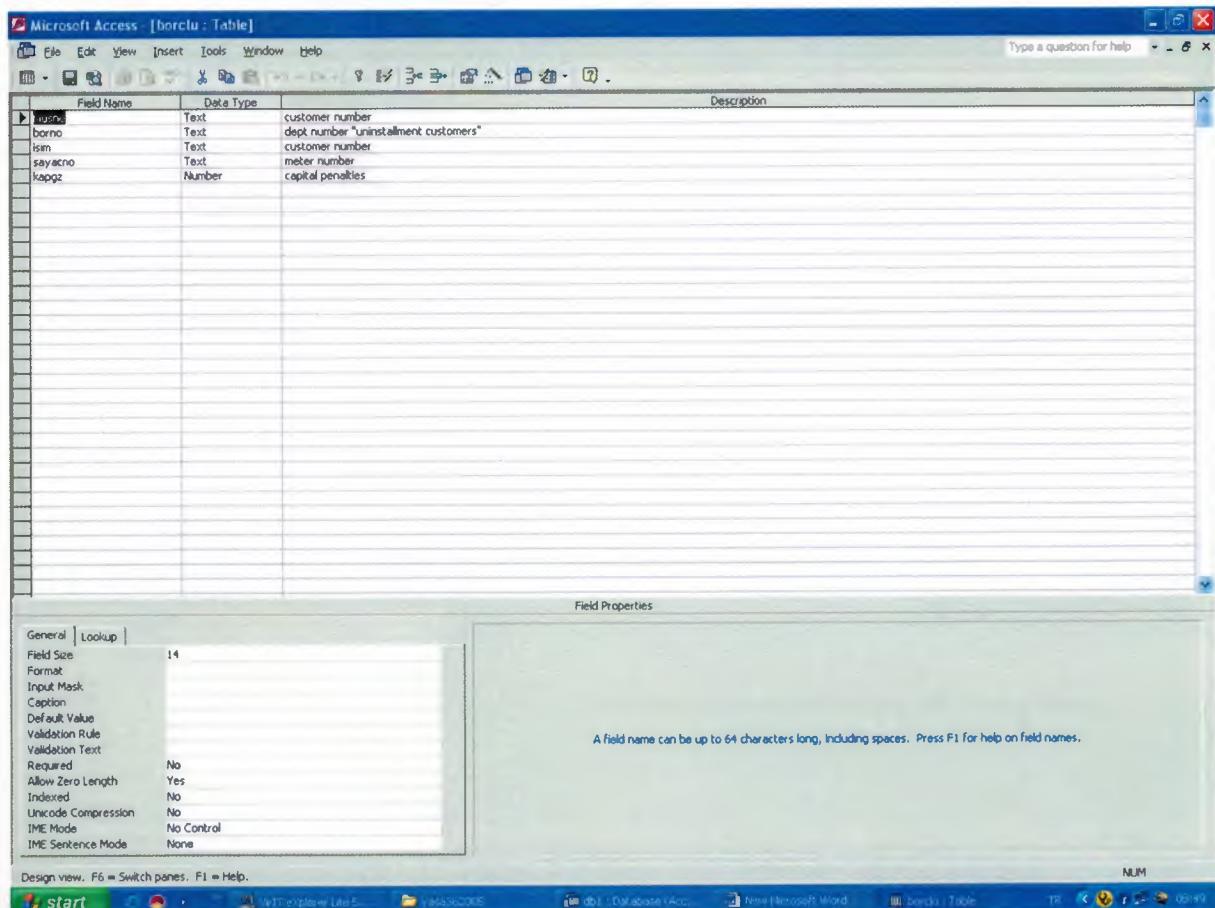
**bak04** : the amount of 2004 accounts.

**gz04** : the penalties up to 31-12-04

**top0405** : the total amount with 2004 and 2005 years bills.

**kod :** the code of installment. Y is named make installments P is cash.

#### 2.1.4. borclu TABLE



**Figure 1.5. (borclu TABLE):**

This table stores the data that related with passive customers account. The passive customers mean that they are not using, closed accounts but unpaid.

In this table we stores these fields:

**musno** : the customer number.

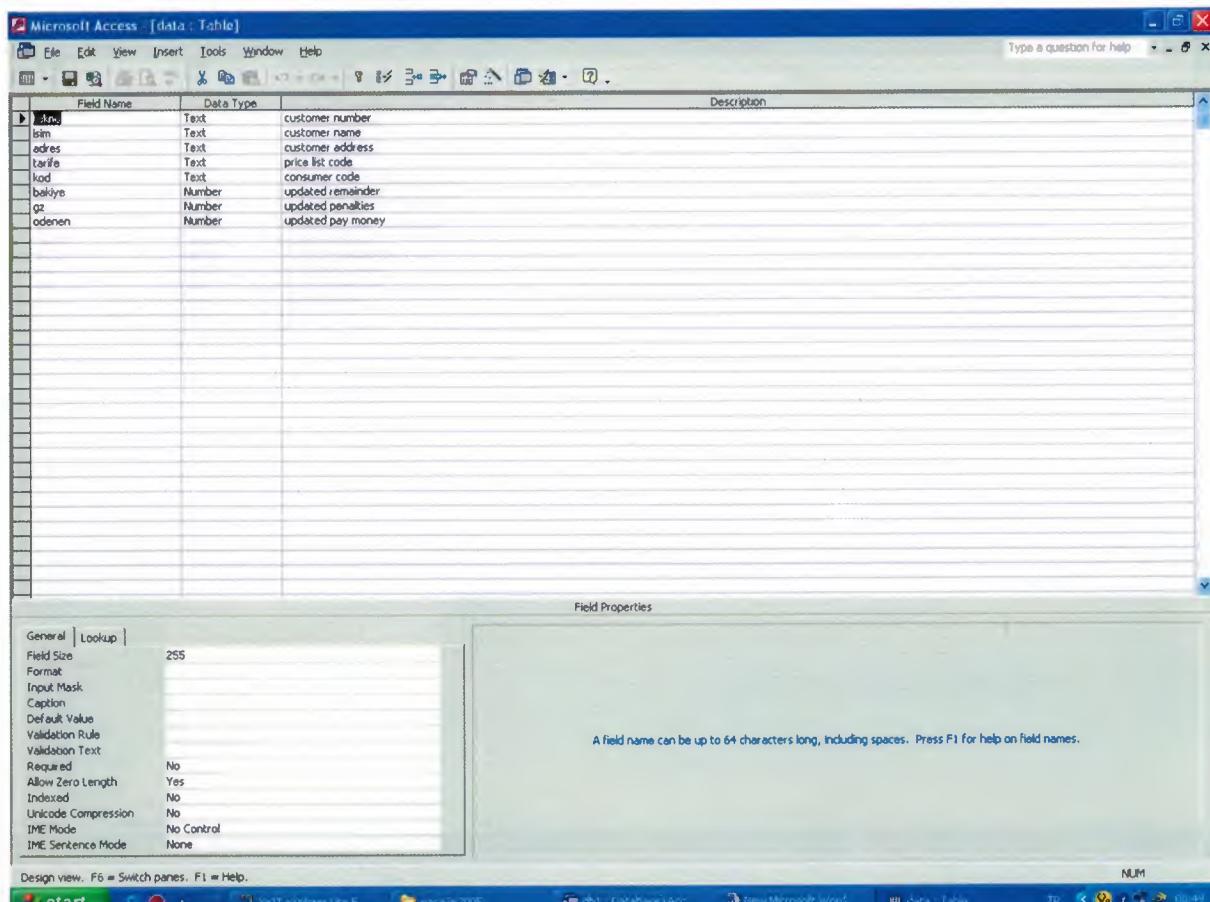
**borno** : is the depth number for customer.

**isim** : customer number.

**sayacno** : meter number.

**kapgz** : the total capital penalties.

## 2.1.5. data TABLE



**Figure 1.6. (data TABLE):**

This is the main table that we stores all the customers informations. We use this table to call data to the program. And inclueds 110283 records.

The fields that we used are :

**tukno** : customer number

**isim** : customer name and surname.

**adres** : customer addres.

**tarife** : the tarifs of consumers.

**kod** : code for the consumers.

**bakiye** : the amount till the 31-12-2004.

**gz** : kapital penalties till the 31-12-2004.

**odenen** : the amount that the customer paid till to the 31-12-2004.

## 2.1.6. pasifiptal TABLE

Field Name	Data Type	Description
borno	Text	depth number
tukno	Text	customer number
fatno	Text	bill number
telno	Text	customer tel number
kimno	Text	customer id number
bak05	Number	dept for 2005
gz05	Number	penalties for 2005
topgz	Number	total penalties
y20b	Number	%20 that we will received installment
y80b	Number	%80 money that we make discount
topgen	Number	total installment
y10	Number	%10 that we will received cash
toptak	Number	total installment
aytak	Number	installment amount per month
taks	Number	installment number
kod	Text	code for operation
tarifh	Text	operation date

Figure 1.7. (pasifiptal TABLE) :

This table is used to write data which deleted from the “pasifkayit” table . We never delete records permanently the aim is control the mistakes for the users.  
In this table we stores these fields :

- borono** : depth number
- tukno** : customer number.
- fatno** : bill number.
- telno** : customer phone number.
- kimno** : customer id number.
- bak05** : depth for 2005 year
- gz05** : total pnalties with related 2005
- topgz** : total capital penalties.
- y20b** : the amount which we will take after discount.
- y80b** : the discount amount.
- topgen** : total amount that we will take.
- y10** : the money that we take at that time %10 .
- toptak** : the amount that the total installment amount.
- aytak** : the installment per month.
- taks**: the installment number.
- kod** : installment code Y is called installed P is called cash.
- tarifh** : operation date.

## 2.1.7. pasifkayit TABLE

	Name	Data Type	Description
	borno	Text	depth number
	tukno	Text	customer number
	fatno	Text	bill number
	telno	Text	customer tel number
	kimno	Text	customer id number
	bak05	Number	depth for 2005
	gz05	Number	2005 year penalties
	topgz	Number	total penalties
	y20b	Number	%20 money that we will receive
	y80b	Number	%80 money that we will make discount
	topgen	Number	total amount
	y10	Number	%10 money that we received cash
	toptak	Number	total installment
	aytak	Number	installment per month
	taks	Number	installment number
	kod	Text	code for operation
	tarih	Text	operation date

Figure 1.8. (pasifkayit TABLE) :

This table is used to write data for passive customers. And same as the “pasifiptal” table. The fields are same .

borno : depth number

tukno : customer number.

fatno : bill number.

telno : customer phone number.

kimno : customer id number.

bak05 : depth for 2005 year

gz05 : total pnalties with related 2005

topgz : total capital penalties.

y20b : the amount which we will take after discount.

y80b : the discount amount.

topgen : total amount that we will take.

y10 : the money that we take at that time %10 .

toptak : the amount that the total installment amount.

aytak : the installment per month.

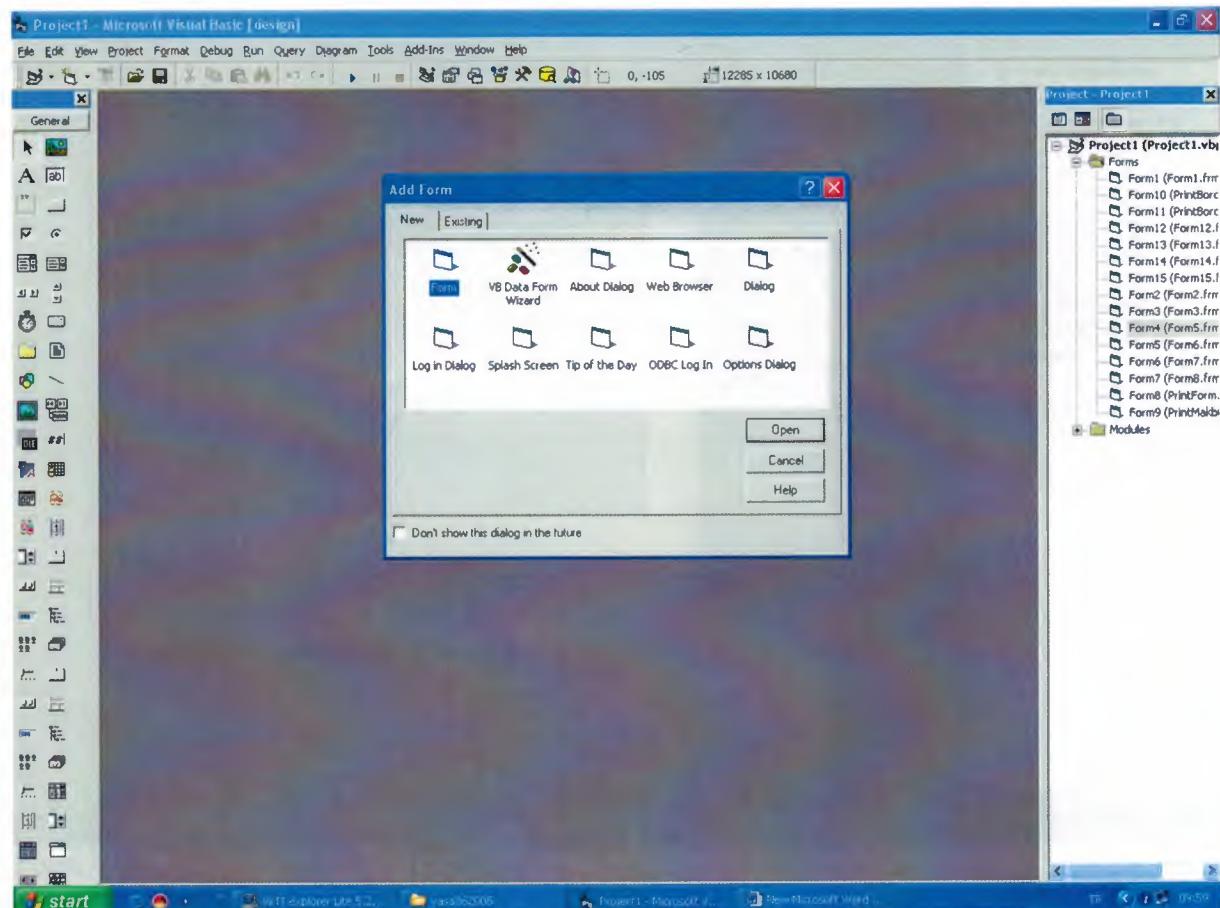
taks: the installment number.

kod : installment code y is called installed p is called cash.

tarih : operation date.

## 2.2. DEVELOPMENT OF DISCOUNT SYSTEM OF VISUAL BASIC

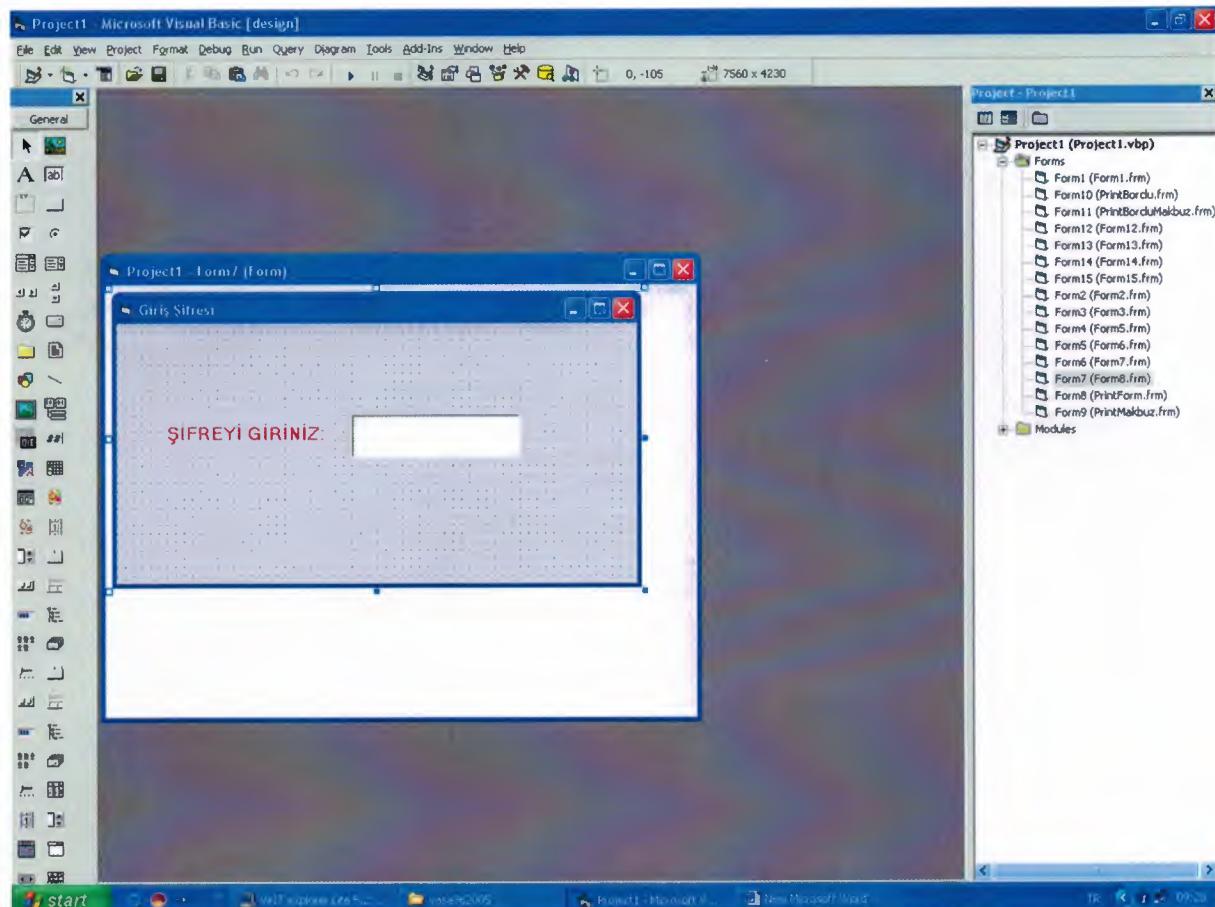
### 2.2.1. Visual Basic 6.0 main FORM.



**Form 1.1. (Main page for Visual Basic 6):**

This form is the main page of the visual basic 6 that we choose the form to create our forms and developed our codes.

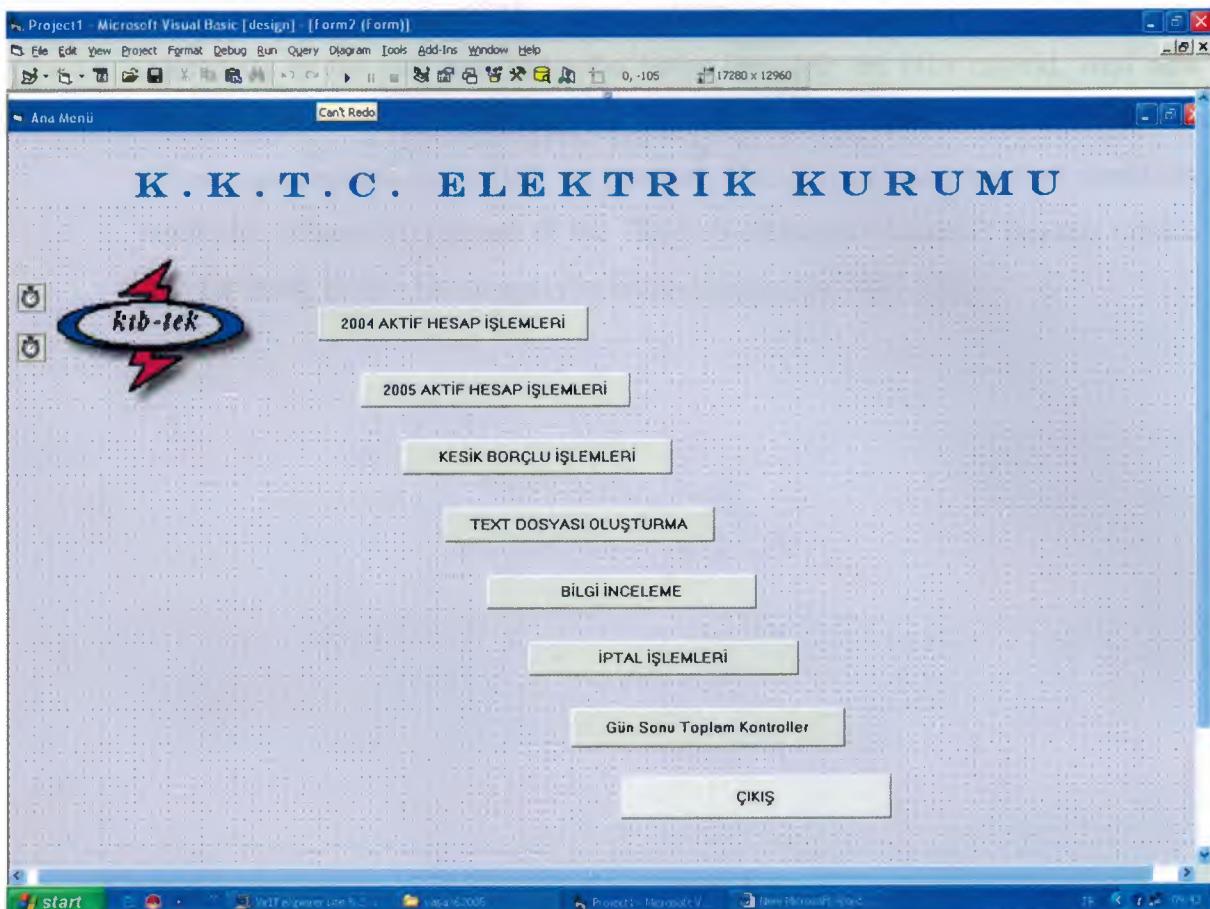
## 2.2.2. login FORM



Form-1-2

When you run the program, you must enter your password. if you don't enter the true password, program is closing. When you enter true password, main menu comes to the screen.

### 2.2.3. Main Menu FORM



Form-1-3

Form-2 shows the main menu of the Electricity Authority of TRNC(Discount project). This menu contains the sign of Authority and command buttons.

The caption of command buttons of the main menu describes the main subjects. These buttons links to the differenet calculations for discount project for the authority.

The main subject of the commands buttons are listed as below;

**Command1 :** 2004 Aktif Hesap İşlemleri.(The processes of active accounts for 2004)

**Command2 :** 2005 Aktif Hesap İşlemleri(The processes of active accounts for 2005)

**Command3 :** Kesik Borçlu İşlemleri(Passive processes)

**Command4 :** Text dosyası oluşturma(Converting to text files)

**Command5 :** Bilgi İnceleme(Informations about consumers)

**Command6 :** İptal işlemleri(cancel process)

**Command7 :** Gün sonu toplam kontroller(End of the day totals as monetary)

**Command8 :** Çıkış (Exit Program)

For understanding the captions of command buttons I want to explain as a briefly,

Electricity Authority has two type of consumers generally. First one is active that usses electricity now and the other consumers type is passive users that used electricity in the past and leave the home but left the bills unpaid. And new consumer enters the building, the unpaid bills are store to another database. These consumers are called as passive. The discount process that electricity authority enforces to the end of the 2004. If consumer doesn't has any unpaid bill for 2004, he/she has to apply to second button for 2005 bills.

## 2.2.4. 2004 year accounts FORM.

The screenshot shows a Microsoft Visual Basic application window titled "AKTİF TÜKETİCİ HESAPLARI TAKSİTLENDİRME İŞLEMLERİ". The interface includes a toolbar, menu bar, and several text input fields. A red box highlights the "2004 Year Account Details" section, which contains the following data:

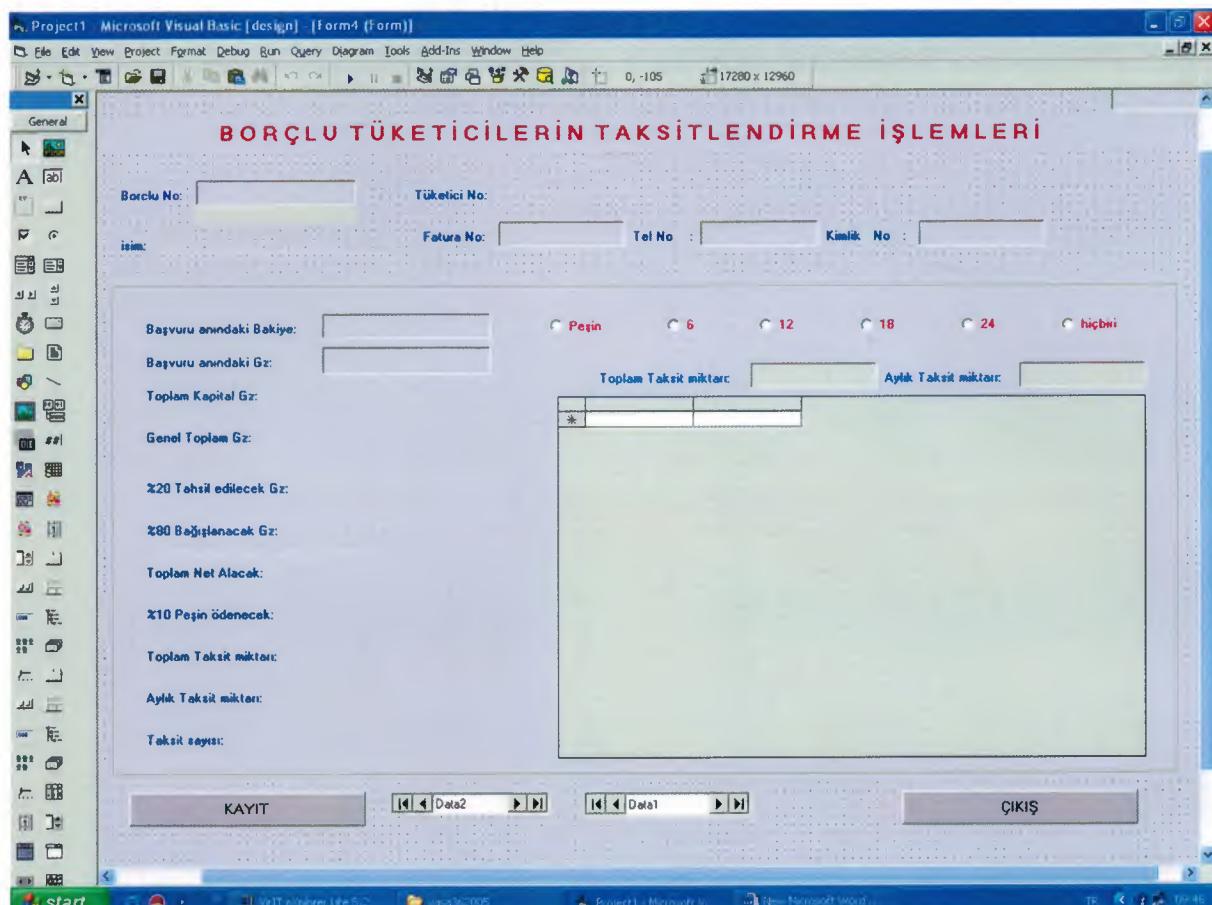
2004 Year Account Details		2005 Year Account Details	Installment Options
31/12/04 Sonu Tüketim Bakiyesi		2005 Yılı Ödemeleri	<input type="radio"/> Peşin
Label46 2004 Ödenmeyen Tük Bak		Kapital Gz Haric Şimdiki Bakiye	<input type="radio"/> 6 Ay
Label47 Geçmiş Ödenmeyen GZ		2005 İsturuları bakiyesi	<input type="radio"/> 12 Ay
2004 Bakiyeye Gelen Gz		2005 Yılı Gz. Toplam	<input type="radio"/> 18 Ay
Tahsil Edilecek Gz. %20		2005 Top. Alacak Miktarı	<input type="radio"/> 24 Ay
Beğışlanacak Gz. %80		2004 Alacak + 2005 Alacak	<input type="radio"/> Hiç Bei
2004 Hesaplarından Top Alacak Miktarı	%10 peşin	%10 peşin	<input type="radio"/> 2005 Harç
Kalan Taksit	taksit mik	Kalan taksit	
	taksit sayı	Faiz	
		Toplam Taksit Miktarı	
		Aylık Taksit Miktarı	

Below the table are buttons for "Data2", "Data1", "KAYIT", and "Çıkış".

form 1-4

This form is related with the 2004 year account. In this form when the customer comes with his bill. We look to the customer number, search and find the updated accounts from the main program (UNIX) and then, in this form we type the customer number to the related textbox and the related informations about the customer, comes automatically to the form then we type the new data which are the new depth, new penalties after 31-12-2004, total paid amount, last bill number, customer id number and phone number of the customer and then program makes the calculations automatically. The discount amount and the installment amount and other amounts are prepared at that time. If the installment number is obtained 12 month customer decrease it to the 6 month or pay cash but never increased up to 18 or more. If customer accept the contract then we print it and sign and customer pay the %10 amount and go.

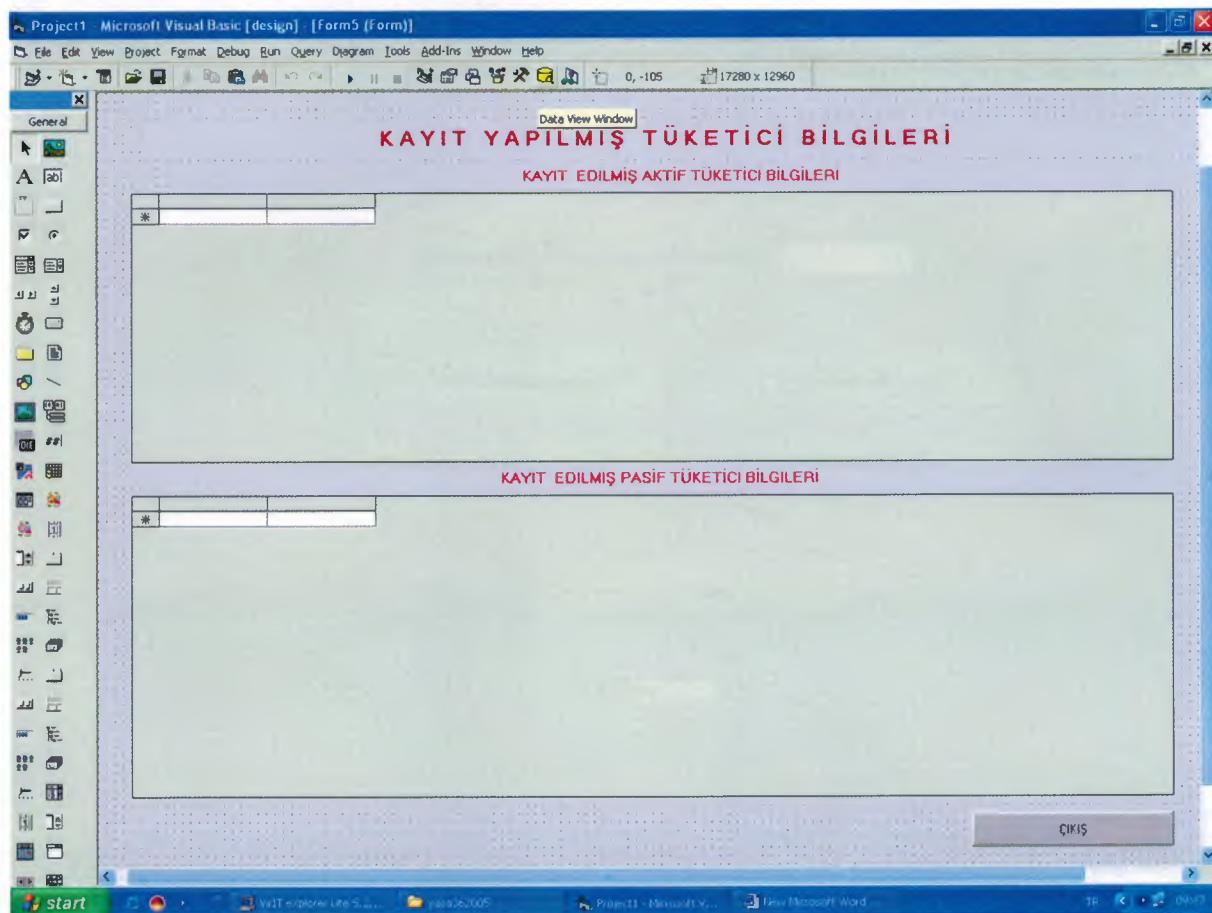
## 2.2.5. passive consumers FORM.



Form 1-5

This form is for the passive consumers. Which they leave the homes and didn't pay the bills. They can also apply this law and make installments or they can pay cash after discount. This form is like the above form, we type the depth number and informations of customers comes automatically to the form. These are customer number, name\surname. We type the data like bill number, the new depth and the new penalties and program makes calculations and obtained the amount of %20 that the customer must paid cash or installment, %80 discount amount and %10 amount which is cash paid if he accept to sign contract. If customer accept the amounts we print the contracts and sign it.

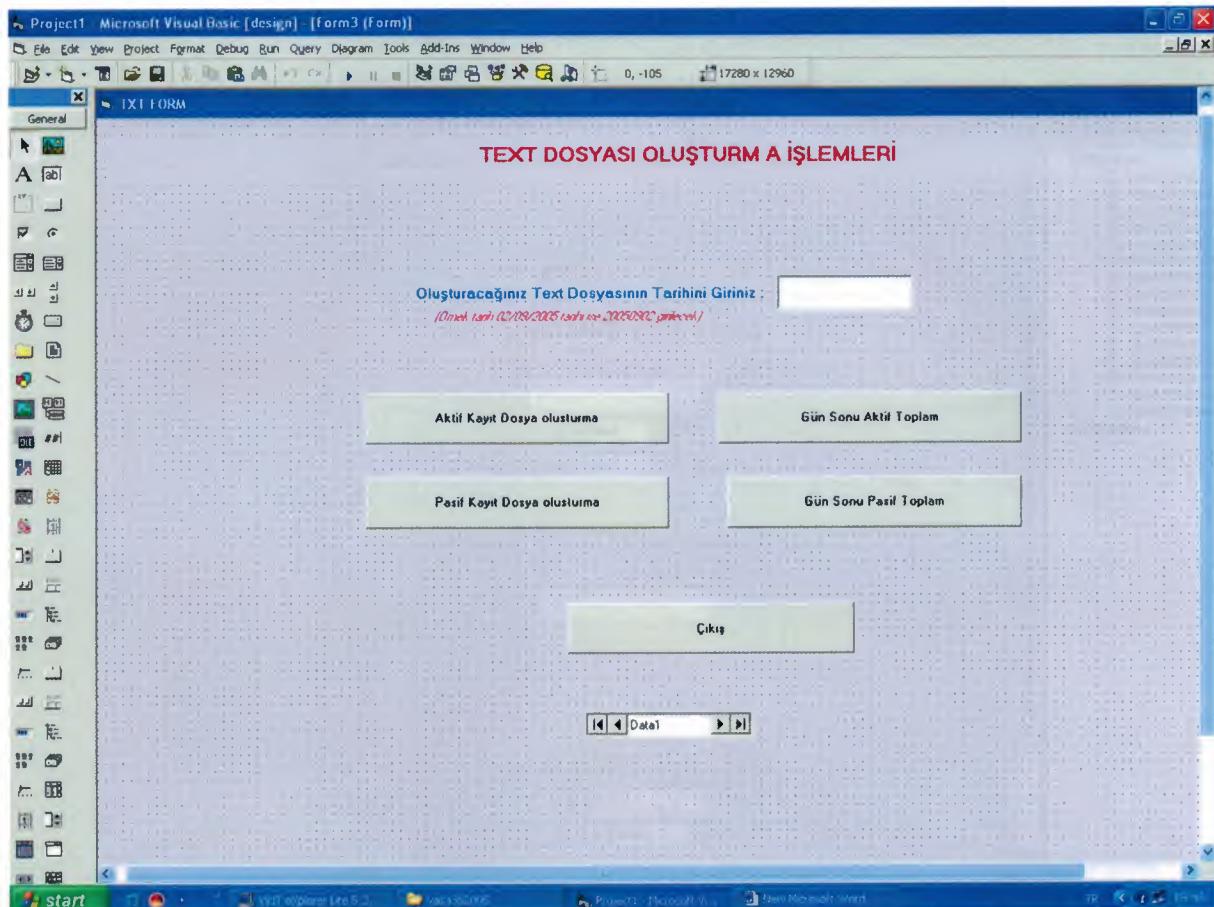
## 2.2.6. Informations of contracts FORM.



Form 1-6

This form just for user knowlage for controlling or searching the contract informations. Two DB Grids are used.

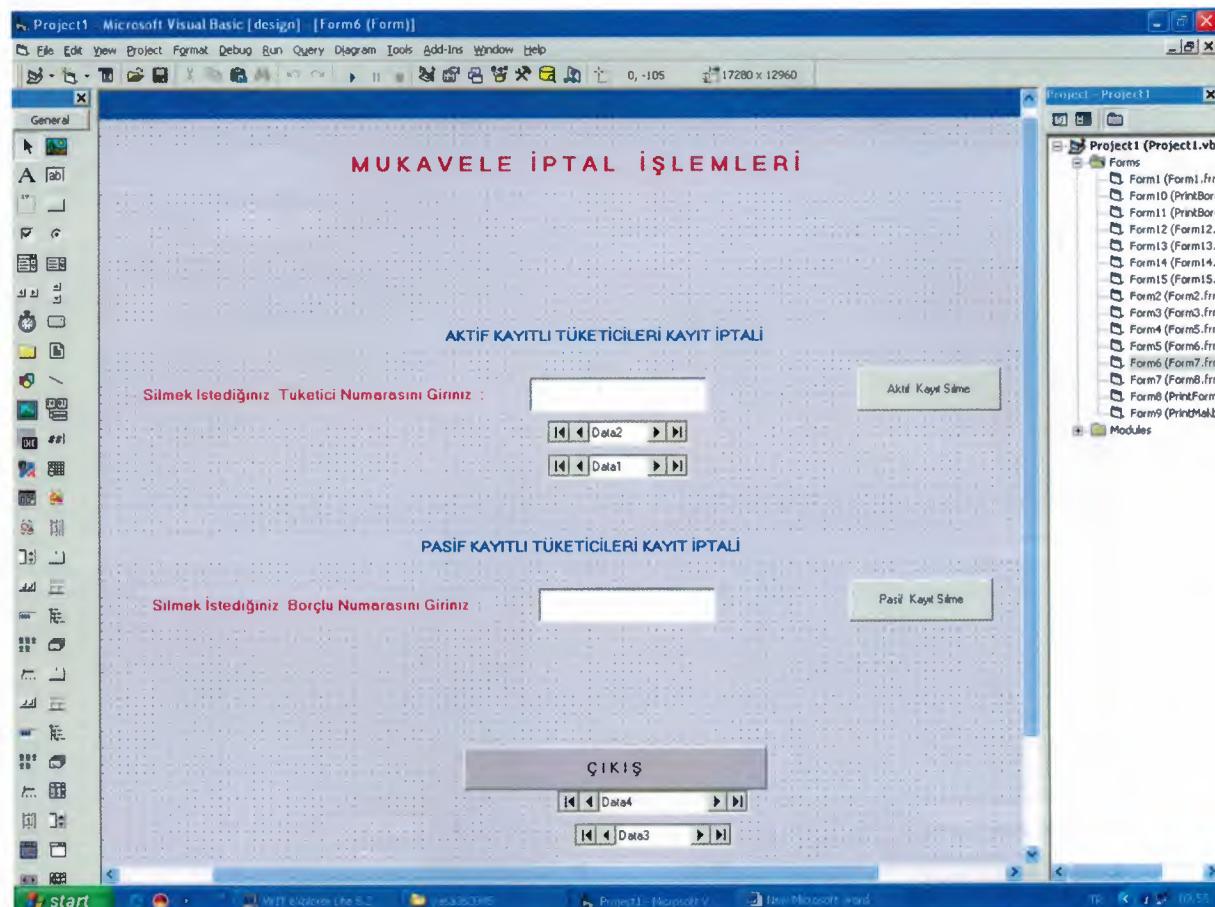
## 2.2.7. Creating text files of contracts FORM.



Form 1-7

A lot of contracts are done by branch offices (Nicosia ,Famagusta, Kyrenia, Güzelyurt, Lefke, iskele). All these contracts are collected at the end of the each day. And with this form they export automatically to the text files from the database by entering the date. Electricity Authority main system works with UNIX OS and COBOL programming. We collect all text files to the center office by Hyper terminals and open the instalment information for each consumer that maked contract. This is done everyday. I used OUTPUT reserved words and commands for this process in the code.

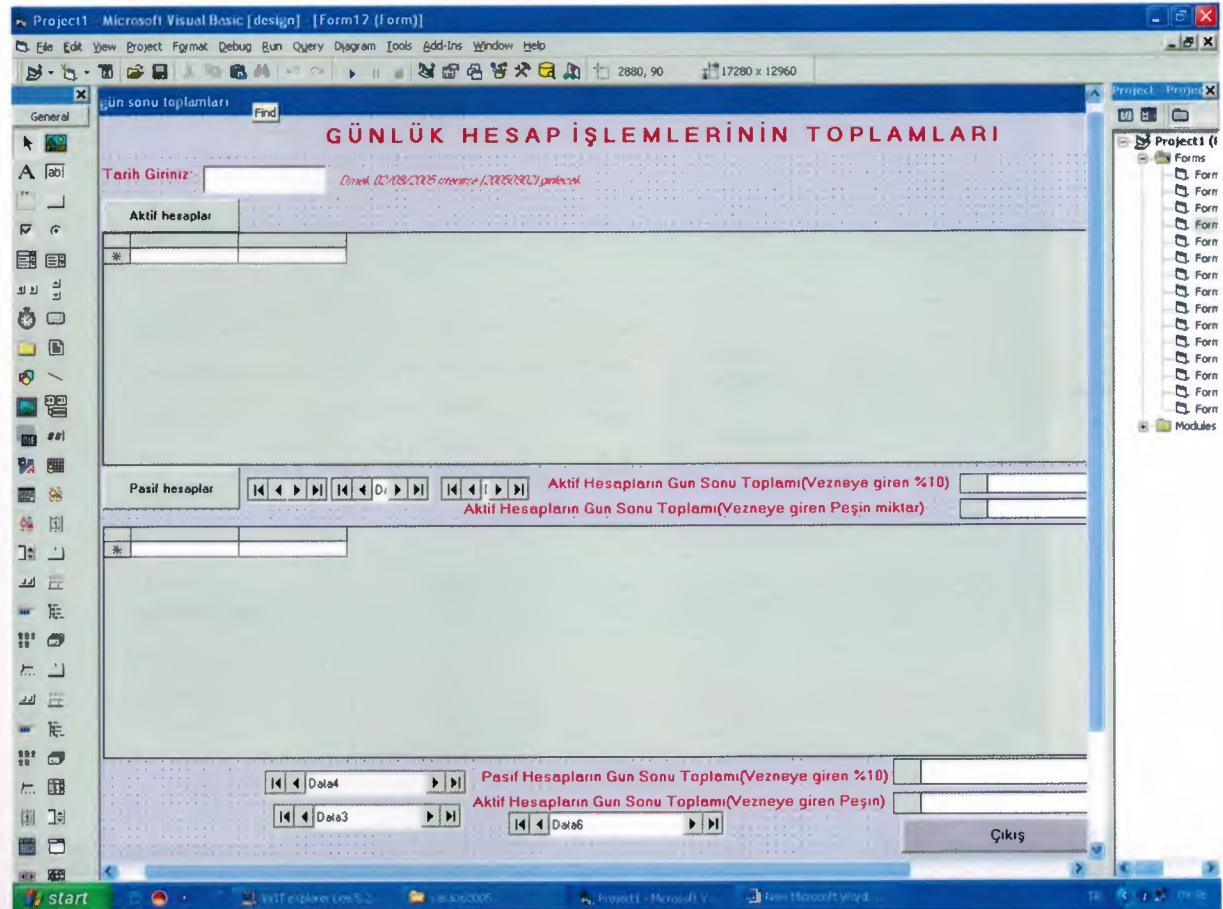
## 2.2.8. Delete operation FORM



Form 1- 8

This form helps user for cancel any processes. If there is something wrong with the contract, they can cancel it by writing consumer number. Before deleting that contract program asks to the user, if he/she is sure. If there is no contract belongs to the consumer number entered it gives warning message. While I am writing delete code before deleting permanently take a copy the record and paste it to another table to control the delete of contracts.

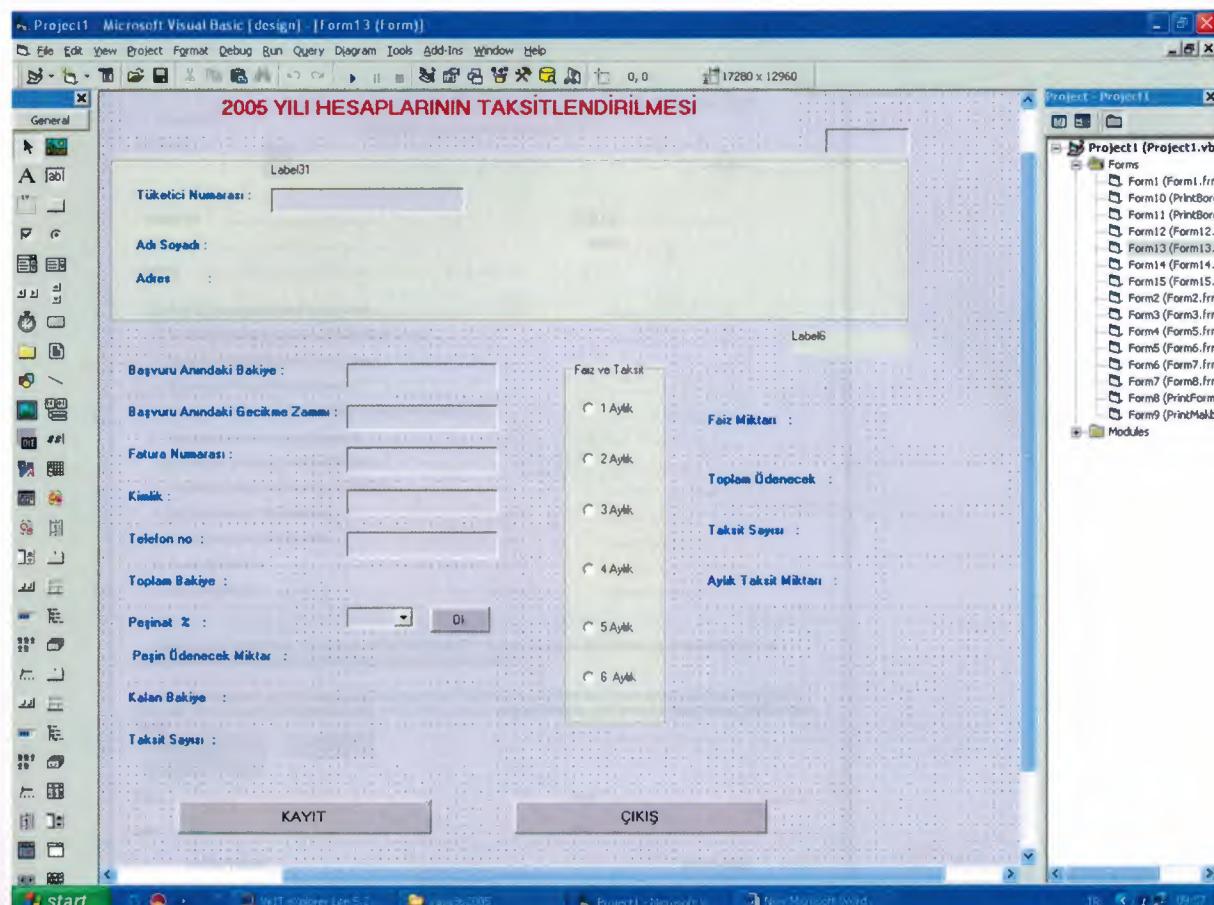
## 2.2.9. Daily informations.



Form 1-9

As shown above, User should see the total that made contracts within the day. How much money (10%,cash) enetered to the auothority within the day.

## 2.2.10. 2005 year accounts. FORM

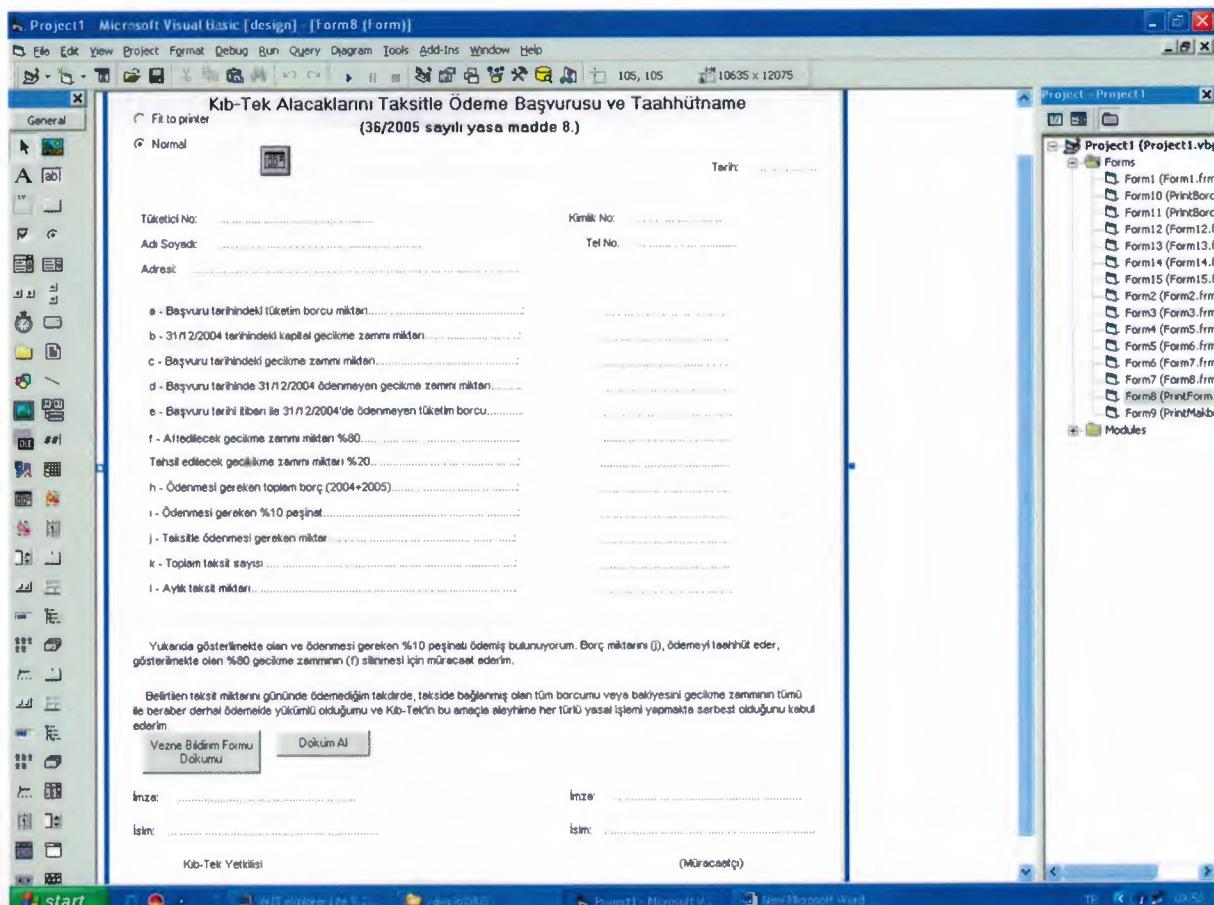


Form 1-10

If the consumer has a dept that only includes unpaid 2005 bills. For this type consumer calculations and options are different for instalment processes. There is no discount, only installment chance exists here. Also there is exstra interest, cash interest and it changes according to the number of instalments.

There is another table for these consumers in the database. Also here, user should enter consumer number because it is a primary key of the table. After pressing enter button, name, surname and adress come automatically from database by using queries in the code. User has to enter present dept, present interest, bill number, identity no and phone number and press enter, the total dept comes. There is a difference between previous form and this.Consumer can select advance payment of dept.Form-3 has rule that 10% should be given advance payment not more or not less.

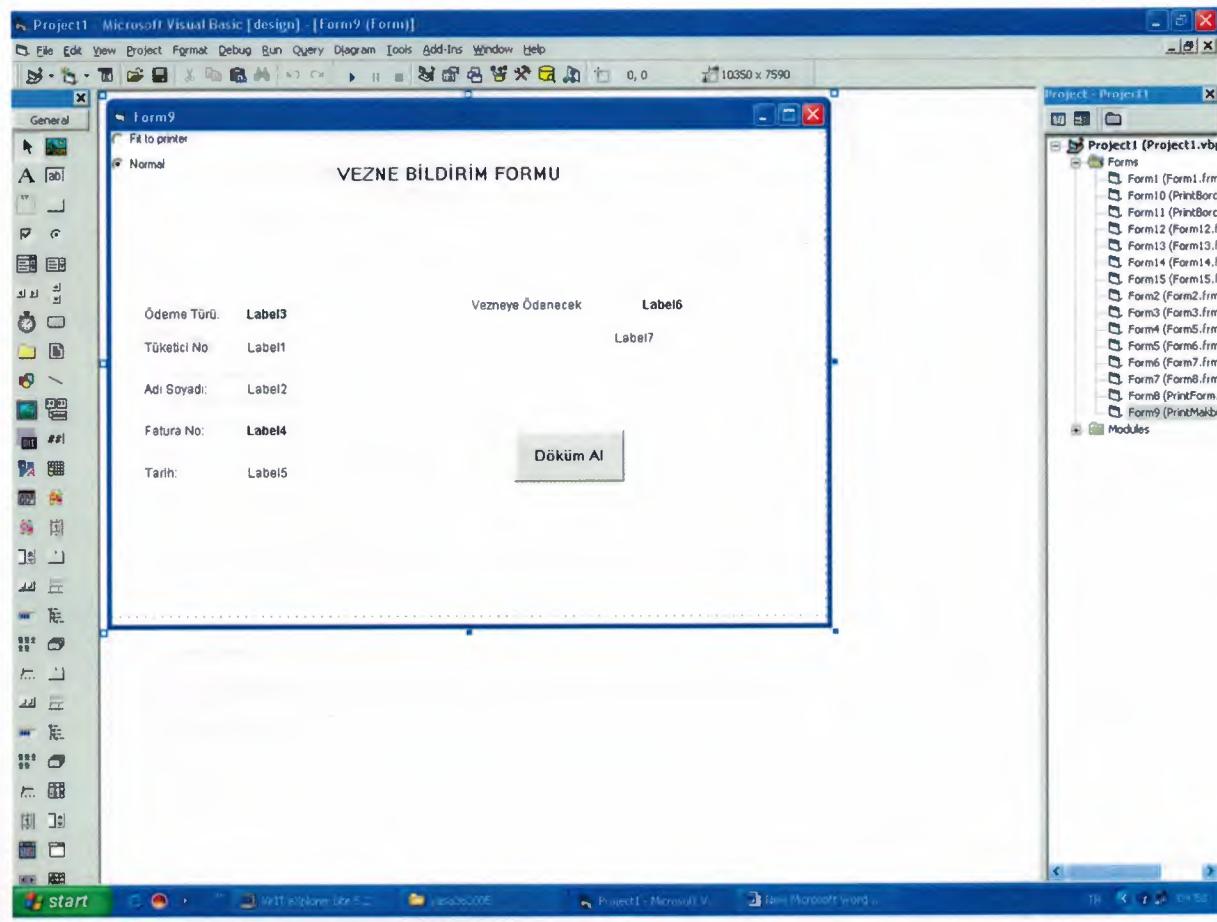
## 2.2.11. Print form for active customers contracts.



**Form 1– 11**

This form is comes automatically if the customer accept the contract. This form is print out and show the amounts and also the rules of law. This is the contracts between the customer and authority.

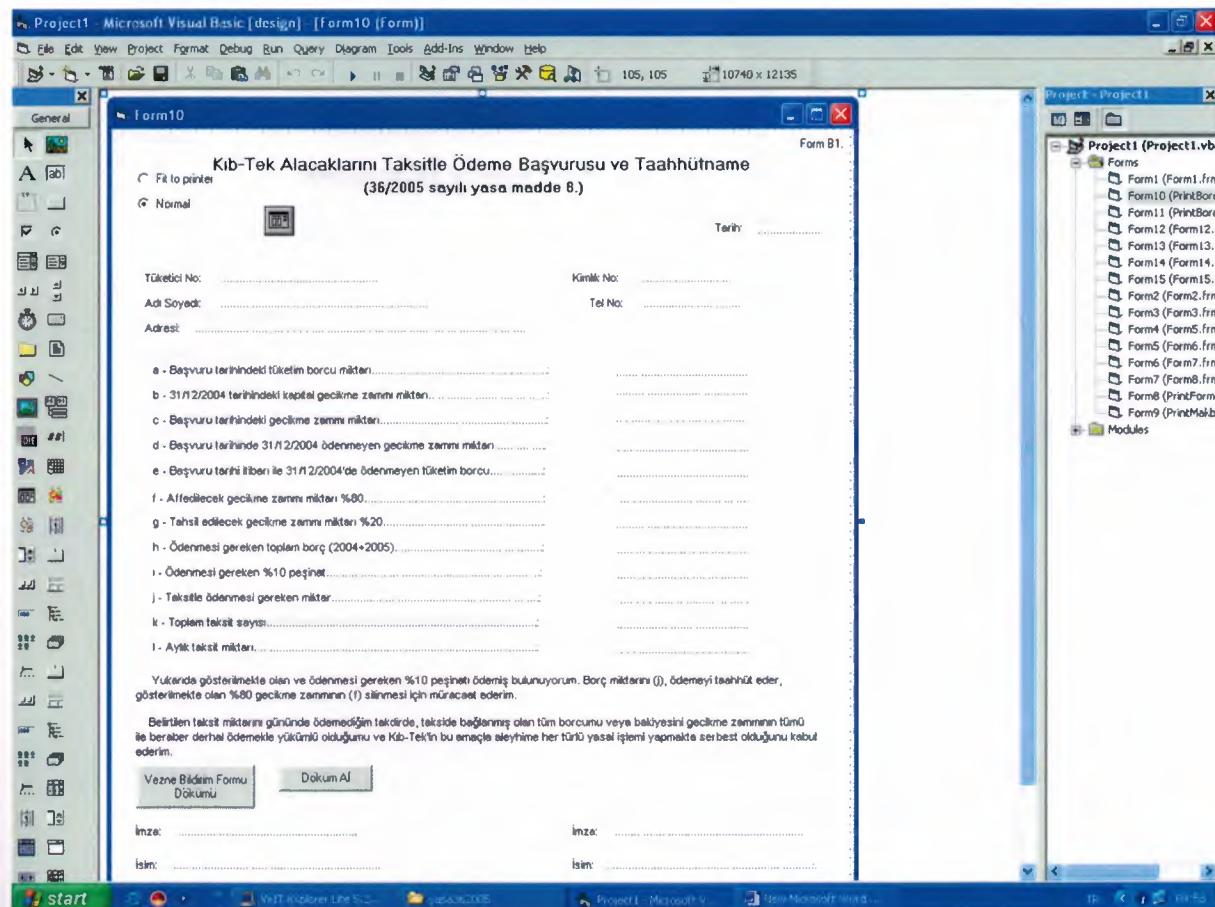
## 2.2.12. print form for cahier (active customer)



form 1- 12

This form is given to the customer and send to the main cashier to pay the money. And also this form shows the operations code like cash “P” or installment “T” and cashier understand what type of operations he will do.

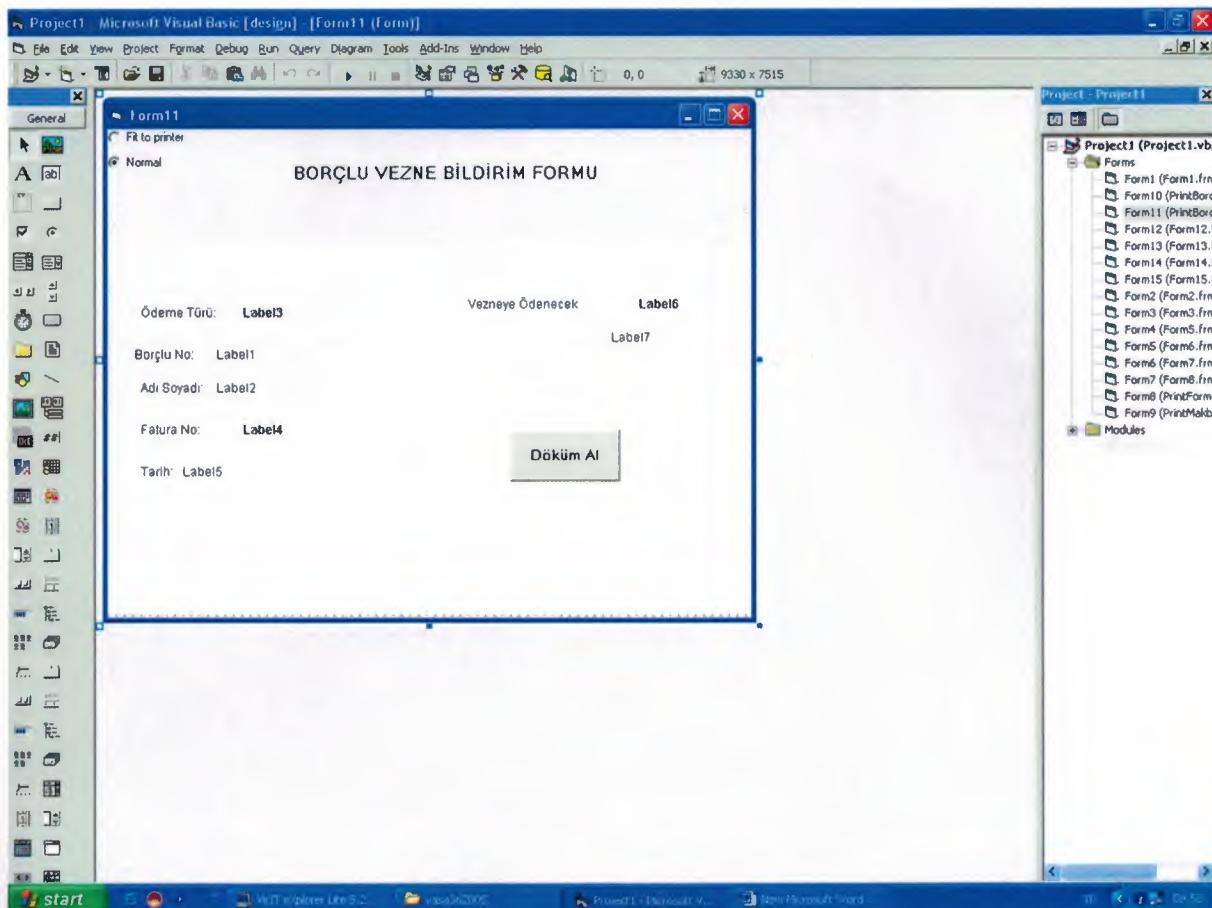
## 2.2.13. Print form for passive customers contracts.



Form 1- 13

Same as Form 1 – 11 but related with passive customers.

## 2.2.14. print form for cahier (pasive custommer)

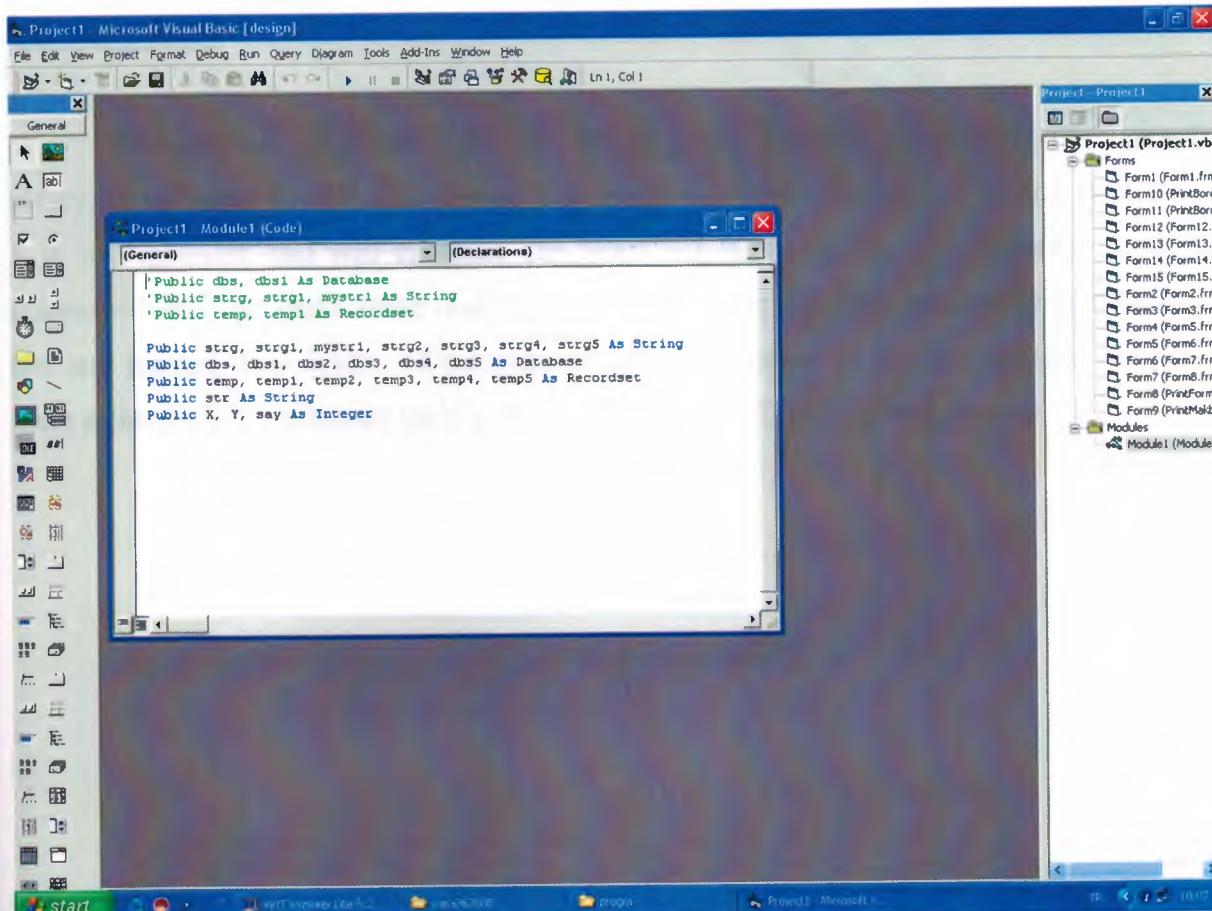


Form 1- 14

Same as Form 1-12 but related passive customers.

These Forms(11-14) are printing contract. I used many print codes and whenever user press record button in the form, printing start at the same time and contracts prints automatically from the computer. 3 copy and 1 cash form for pay-office. User and Consumer signs these forms after consumer pay their advance payment.

## 2.2.15. module form.



form 1-15

This form shows us public variables which we used to write our codes.

## **CONCLUSION**

This program is prepared for the law of (yasa 36\2005) government of discount policy. It includes all the customers. This program is used 5 brunch office and used from 5 th of september and will continue one year. By this program the authority incomes increases %60 . we make more than 8000 contracts. Many of the custommers applied this law and learned their debits. Custommers are very pleasure for the law because we give them a change to installments their debits and discount %80 for capital penalties.

## REFERENCES

1. Microsoft Visual Basic 6.0 Programmer's Guide.
2. Law of (36\2005)
3. Exchequer and Audit Department.

## APPENDIX

### Code for FORM 1.2

```
Private Sub Form_Load()
End Sub

Private Sub Text1_KeyPress(KeyAscii As Integer)
If KeyAscii = "13" Then
If Text1.Text = "pos459" Then
    Form2.Visible = True
    Form7.Visible = False
Else
    MsgBox "YANLIŞ ŞİFRE GİRDİNİZ", vbExclamation, "ERROR"
    Unload Me
End If
End If
End Sub
```

### Code for FORM – 1.3

```
Private Sub Command1_Click()
Form1.Visible = True
Form2.Visible = False
End Sub
```

```
Private Sub Command2_Click()
Unload Me
End
End Sub
```

```
Private Sub Command3_Click()
Form5.Visible = True
Form2.Visible = False
End Sub
```

```
Private Sub Command4_Click()
Form3.Visible = True
Form2.Visible = False
End Sub
```

```
Private Sub Command5_Click()
Form4.Visible = True
Form4.Text1.Enabled = True
Form4.Text1.SetFocus
Form2.Visible = False
For Index = 0 To 5
    Form4.Option1(Index).Enabled = False
Next Index
```

```

End Sub
Private Sub Command6_Click()
Form6.Visible = True
Form2.Visible = False
End Sub
Private Sub Command7_Click()
Form12.Visible = True
Form2.Visible = False
End Sub
Private Sub Command8_Click()
Form13.Visible = True
Form2.Visible = False
End Sub
Private Sub Form_Load()
Image1.Visible = False
Timer1.Enabled = False
Timer1.Interval = 1000
Timer1.Enabled = True
Timer2.Enabled = False
Timer2.Interval = 1000
End Sub
Private Sub Timer1_Timer()
Label1.ForeColor = &HFF&
Label2.ForeColor = &HFF&
Image1.Visible = True
Timer2.Enabled = True
End Sub
Private Sub Timer2_Timer()
Label1.ForeColor = &H80000002
Label2.ForeColor = &H80000002
Image1.Visible = False
End Sub.

```

#### Code for FORM 1.4

```

Dim netk, tak, ss, mon, ay, tay, netal, takmik
Dim a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, r, s, t, u, v, Y, z, fat, w, q, X
Dim cc, xt, mm, ccc
Dim msg, style, title, response
Private Sub Command1_Click()
Call temizle
Unload Me
Form2.Visible = True
End Sub
Private Sub tdosya()
Open ("c:\aa.txt") For Append As #1
Print #1, Text1.Text; Text5.Text; Label70.Caption
Close #1

```

End Sub  
Private Sub Command3\_Click()  
On Error GoTo cigdem  
msg = "KAYIT YAPMAK İSTİYORMUSUNUZ"  
style = vbYesNo  
title = "DİKKAT"  
response = MsgBox(msg, vbYesNo, title)  
If response = vbYes Then  
    Data2.Recordset.AddNew  
    Data2.Recordset.Fields(0) = Text1.Text  
    Data2.Recordset.Fields(1) = Text2.Text  
    Data2.Recordset.Fields(2) = Text3.Text  
    Data2.Recordset.Fields(3) = Text4.Text  
    Data2.Recordset.Fields(4) = Text5.Text  
    Data2.Recordset.Fields(5) = Text6.Text  
    Data2.Recordset.Fields(6) = Text7.Text  
    Data2.Recordset.Fields(7) = Label70.Caption  
    Data2.Recordset.Fields(8) = Label27.Caption  
    Data2.Recordset.Fields(9) = Label28.Caption  
    If Option1(6).Value = True Then  
        Data2.Recordset.Fields(10) = Label40.Caption  
    ElseIf Option1(5).Value = True Then  
        Data2.Recordset.Fields(10) = Label37.Caption  
    Else  
        Data2.Recordset.Fields(10) = Label37.Caption  
    End If  
  
    Data2.Recordset.Fields(12) = Label67.Caption  
    If Option1(0).Value = True Then  
        Data2.Recordset.Fields(13) = 0  
        Label72.Caption = 0  
    ElseIf Option1(1).Value = True Then  
        Data2.Recordset.Fields(13) = 6  
    ElseIf Option1(2).Value = True Then  
        Data2.Recordset.Fields(13) = 12  
    ElseIf Option1(3).Value = True Then  
        Data2.Recordset.Fields(13) = 18  
    ElseIf Option1(4).Value = True Then  
        Data2.Recordset.Fields(13) = 24  
    ElseIf Option1(5).Value = True Then  
        Data2.Recordset.Fields(13) = Label58.Caption  
    ElseIf Option1(6).Value = True Then  
        Data2.Recordset.Fields(13) = Label58.Caption  
    End If  
    Data2.Recordset.Fields(11) = Label72.Caption  
    Data2.Recordset.Fields(14) = Label20.Caption  
    Data2.Recordset.Fields(15) = Label22.Caption  
    Data2.Recordset.Fields(16) = Label36.Caption  
\*\*\*\*\*  
    If Option1(0).Value = True Then

```

        Data2.Recordset.Fields(17) = "P"
    Else
        Data2.Recordset.Fields(17) = "Y"
End If
*****
Data2.Recordset.Update
Form8.Show
Call temizle
For Index = 0 To 6
    Option1(Index).Enabled = False
    Option1(Index).Value = False
Next Index
Call yeni
Else
    Call temizle
    For Index = 0 To 6
        Option1(Index).Enabled = False
        Option1(Index).Value = False
    Next Index
    Call yeni
Text1.SetFocus
Command3.Enabled = False
End If
Exit Sub
cigdem:
MsgBox " Lütfen Programdan çıkış yapınız", vbExclamation, "UYARI"
End Sub

```

```

Private Sub Form_Load()
Label10.Caption = Date
Label46.Caption = Date
Label47.Caption = Date
Text2.Enabled = False
Text3.Enabled = False
Text4.Enabled = False
Text5.Enabled = False
Text6.Enabled = False
Text7.Enabled = False
Command3.Enabled = False
Label70.Caption = Format(Date, "yyyymmdd")
For Index = 0 To 6
    Option1(Index).Enabled = False
Next Index
End Sub
Private Sub yeni()
Text2.Enabled = False
Text3.Enabled = False
Text4.Enabled = False
Text5.Enabled = False
Text6.Enabled = False

```

```

Text7.Enabled = False
For Index = 0 To 6
    Option1(Index).Enabled = False
Next Index
End Sub
Private Function MyLeftPad(myStr As String, iLen As Integer) As String
Dim iCnt, iExLen, iCurLen As Integer
Dim exStr As String
iCurLen = Len(Trim(myStr))
iExLen = iLen - iCurLen
If iExLen <= 0 Then
    MyLeftPad = myStr
Else
    exStr = ""
    For iCnt = 1 To iExLen Step 1
        exStr = exStr + "0"
    Next iCnt
    MyLeftPad = exStr + myStr
End If
End Function

```

```

Private Sub Label18_Click()
MsgBox "2004 yılına ait ödenmeyen tüketim bakiyesini bakiyesini gösterir ", vbExclamation, "BİLGİ"
End Sub

```

```

Private Sub Label25_Click()
MsgBox "2004 yılına ait tüketim bakiyesini gösterir ", vbExclamation, "BİLGİ"
End Sub

```

```

Private Sub Label26_Click()
MsgBox "Başvuru tarihi itibarı ile 31/12/04 geçmişine ait ödenmeyen gecikme zammı miktarını belirtir. ", vbExclamation, "BİLGİ"
End Sub
Private Sub kontrol()
opt = Label58.Caption
If opt = 6 Then
    Option1(0).Enabled = True
    Option1(2).Enabled = False
    Option1(3).Enabled = False
    Option1(4).Enabled = False
End If
If opt = 12 Then
    Option1(3).Enabled = False
    Option1(4).Enabled = False
End If
If opt = 18 Then
    Option1(3).Enabled = False
    Option1(4).Enabled = False
End If

```

```
End Sub
```

```
Private Sub Option1_Click(Index As Integer)
Command3.Enabled = True
On Error GoTo cigdem
If Label20.Caption <= 0 And Label22.Caption <= 0 Then
    Option1(0).Enabled = False
    Select Case Index
        Case 1
            Label71.Caption = FormatNumber((CDbl(Label49.Caption) * 1.105) -
CDbl(Label49.Caption))
            Label72.Caption = FormatNumber(CDbl(Label71.Caption) + CDbl(Label62.Caption) +
CDbl(Text3.Text))
            Label67.Caption = FormatNumber(CDbl(Label72.Caption) / 6)
        Case 2
            Label71.Caption = FormatNumber((CDbl(Label49.Caption) * 1.195) -
CDbl(Label49.Caption))
            Label72.Caption = FormatNumber(CDbl(Label71.Caption) + CDbl(Label62.Caption) +
CDbl(Text3.Text))
            Label67.Caption = FormatNumber(CDbl(Label72.Caption) / 12)
        Case 3
            Label71.Caption = FormatNumber((CDbl(Label49.Caption) * 1.285) -
CDbl(Label49.Caption))
            Label72.Caption = FormatNumber(CDbl(Label71.Caption) + CDbl(Label62.Caption) +
CDbl(Text3.Text))
            Label67.Caption = FormatNumber(CDbl(Label72.Caption) / 18)
        Case 4
            Label71.Caption = FormatNumber((CDbl(Label49.Caption) * 1.375) -
CDbl(Label49.Caption))
            Label72.Caption = FormatNumber(CDbl(Label71.Caption) + CDbl(Label62.Caption) +
CDbl(Text3.Text))
            Label67.Caption = FormatNumber(CDbl(Label72.Caption) / 24)
        Case 5
            Label71.Caption = FormatNumber(CDbl(Label63.Caption))
            Label72.Caption = FormatNumber(CDbl(Label74.Caption) + CDbl(Text3.Text))
            Label67.Caption = FormatNumber(CDbl(Label72.Caption) / Val(Label58.Caption))
        Case 6
            Label72.Caption = FormatNumber(CDbl(Label48.Caption) + CDbl(Text3.Text))
            Label67.Caption = FormatNumber(CDbl(Label60.Caption))
            Label71.Caption = 0
    End Select
Else
    Select Case Index
        Case 0
            Label72.Caption = 0
            Label71.Caption = 0
            Label67.Caption = 0
        Case 1
    End If
```

```

        Label71.Caption = FormatNumber((CDbl(Label49.Caption) * 1.105) -
CDbl(Label49.Caption))
        Label72.Caption = FormatNumber(CDbl(Label71.Caption) +
CDbl(Label62.Caption))
        Label67.Caption = FormatNumber(CDbl(Label72.Caption) / 6)
    Case 2
        Label71.Caption = FormatNumber((CDbl(Label49.Caption) * 1.195) -
CDbl(Label49.Caption))
        Label72.Caption = FormatNumber(CDbl(Label71.Caption) +
CDbl(Label62.Caption))
        Label67.Caption = FormatNumber(CDbl(Label72.Caption) / 12)
    Case 3
        Label71.Caption = FormatNumber((CDbl(Label49.Caption) * 1.285) -
CDbl(Label49.Caption))
        Label72.Caption = FormatNumber(CDbl(Label71.Caption) +
CDbl(Label62.Caption))
        Label67.Caption = FormatNumber(CDbl(Label72.Caption) / 18)
    Case 4
        Label71.Caption = FormatNumber((CDbl(Label49.Caption) * 1.375) -
CDbl(Label49.Caption))
        Label72.Caption = FormatNumber(CDbl(Label71.Caption) +
CDbl(Label62.Caption))
        Label67.Caption = FormatNumber(CDbl(Label72.Caption) / 24)
    Case 5
        Label71.Caption = FormatNumber(CDbl(Label63.Caption))
        Label72.Caption = FormatNumber(CDbl(Label74.Caption))
        Label67.Caption = FormatNumber(CDbl(Label66.Caption))
    Case 6
        Label72.Caption = FormatNumber(CDbl(Label48.Caption) + CDbl(Text3.Text))
        Label67.Caption = FormatNumber(CDbl(Label60.Caption))
        Label71.Caption = 0
    End Select
End If
Exit Sub
cigdem:
MsgBox " Lütfen Programdan çıkışın tekrar giriniz", vbExclamation, "UYARI"
End Sub
Private Sub Text1_KeyPress(KeyAscii As Integer)
netk = 0
tak = 0
ss = 0
mon = 0
ay = 0
tay = 0
netal = 0
takmik = 0
a = 0
b = 0
c = 0
d = 0

```

```

e = 0
f = 0
g = 0
h = 0
i = 0
j = 0
k = 0
l = 0
m = 0
n = 0
o = 0
p = 0
r = 0
s = 0
t = 0
u = 0
v = 0
Y = 0
z = 0
fat = 0
w = 0
q = 0
X = 0
cc = 0
xt = 0
mm = 0
ccc = 0

If KeyAscii = "13" Then
    strg = "select * from data where tukno ='" & Text1.Text & "'"
    Set dbs = OpenDatabase("c:\yasa362005\esas1.mdb")
    Set temp = dbs.OpenRecordset(strg, dbOpenDynaset)
    If temp.EOF = True Then
        MsgBox "Aranan Kayıt Bulunamadı", vbExclamation, "UYARI"
        Text1.Text = ""
        Text1.SetFocus
    Else
        a = temp("bakiye").Value 'anapara
        b = temp("gz").Value 'kapital gz
        c = temp("odenen").Value '2004 tahsil edilen para
        Label3.Caption = temp("isim").Value
        Label5.Caption = temp("adres").Value
        Label8.Caption = FormatNumber(a)
        Label11.Caption = FormatNumber(b)
        Label13.Caption = FormatNumber(c)
        Text2.Enabled = True
        Text2.SetFocus
        Text1.Enabled = False
        Label76.Caption = Text1.Text 'gizli tük no
    End If

```

```

End If

End Sub
Private Sub Text2_KeyPress(KeyAscii As Integer)
If KeyAscii = "13" Then
    If Text2.Text = "" Then
        MsgBox "Yanlış İşlem Yapıyorsunuz", vbExclamation, "DİKKAT"
    Else
        If Text2.Text = 0 Then
            MsgBox "YASADAN FAYDALANAMAZ", vbExclamation, "UYARI"
            Call temizle
        Else
            Text2.Text = FormatNumber(Text2)
            Text3.Enabled = True
            Text3.SetFocus
        End If
    End If
End If
End Sub
Private Sub Text3_KeyPress(KeyAscii As Integer)
If KeyAscii = "13" Then
    If Text3.Text = "" Then
        MsgBox "Yanlış İşlem Yapıyorsunuz", vbExclamation, "DİKKAT"
    Else
        Text3.Text = FormatNumber(Text3)
        Text4.Enabled = True
        Text4.SetFocus
    End If
End If
End Sub
Private Sub Text4_KeyPress(KeyAscii As Integer)
If KeyAscii = "13" Then
    If Text4.Text = "" Then
        MsgBox "Yanlış İşlem Yapıyorsunuz", vbExclamation, "DİKKAT"
    Else
        Text4.Text = FormatNumber(Text4)
        Text5.Enabled = True
        Text5.SetFocus
    End If
End If
End Sub
Private Sub Text5_KeyPress(KeyAscii As Integer)
If KeyAscii = "13" Then
    fs = Len(Text5.Text)
    If fs <> 9 Then
        MsgBox "HATALI GİRİŞ VAR İÜTFEN TEKRAR GİRİNİZ", vbExclamation,
    "UYARI"
        Text5.Text = ""
    Else
        Text6.Enabled = True
    End If
End If
End Sub

```

```

        Text6.SetFocus
    End If
End If

End Sub
Private Sub hesap()
On Error GoTo cigdem
d = CDbl(Text2.Text) 'şimdiki bakiye
g = CDbl(Text3.Text) 'şimdiki gz
h = CDbl(Text4.Text) '2005tahsilatı
If d = 0 Then
    Call temizle
Else
    j = a - b '2004 anapara - kapital gz
    k = h - c '2005tahsilat - 2004 tahsilat
    If k > j Then
        Label19.Caption = FormatNumber(j)
        Label21.Caption = FormatNumber(k)
        X = k - j
        If CDbl(X) > b Then
            Label22.Caption = 0
        Else
            l = b - X
            Label22.Caption = FormatNumber(l)
        End If
    Label20.Caption = 0
    Label44.Caption = 0
    m = CDbl(l * 0.2) 'tahsil edilen %20 gz
    n = CDbl(l * 0.8) 'af miktarı %80
    p = CDbl(d - l)
    r = CDbl(netk * 0.1) '%10 peşin alınacak miktar
    Label27.Caption = FormatNumber(m)
    Label28.Caption = FormatNumber(n)
    Label31.Caption = FormatNumber(p)
    Label49.Caption = FormatNumber(p - 0)
    Label55.Caption = FormatNumber(CDbl(Label27.Caption) + CDbl(Label20.Caption))
    If Label51.Caption = "" Then
        Label51.Caption = 0
    End If
    Label33.Caption = FormatNumber(CDbl(Label49.Caption) + CDbl(Label51.Caption))
Else
=====
=====2005 dönemi hesapları=====

If k <= j Then '2005ödenen<2004 tük bak
    ss = j - k '2004 yılı net bakiyesi
    mon = Month(Date) 'ay sayısını verir
    ay = mon - 8
    'tay = Round(((ss) * (8 * 0.026)) + ((ss) * (ay * 0.03)), 2) '7 ay 0,026 geriye kalana
    tay = Round(((ss) * (8 * 0.026)), 2)

```

```

If g <= 0 Then
    tay = 0
    w = 0 'simdiki gz
    Label51.Caption = FormatNumber(g)
ElseIf g < tay Then
    g = 0
    tay = g
    Label51.Caption = FormatNumber(g)
Else
    w = g - tay 'simdiki gz - tah. gz
    Label51.Caption = FormatNumber(CDbl(w))
End If
v = b + tay ' toplam gz miktarı
z = (v * 0.2) '%20 tahsil edilecek gz
q = (v * 0.8) 'af yapılacak %80 gz miktarı
End If
i = d - b ' net bakiye
r = (netal * 0.1)
s = (netal - r)
Label19.Caption = FormatNumber(j)
Label21.Caption = FormatNumber(k)
Label20.Caption = FormatNumber(ss)
If tay = 0 Then
    Label44.Caption = 0
Else
    Label44.Caption = FormatNumber(tay)
End If
Label22.Caption = FormatNumber(v)
Label27.Caption = FormatNumber(z)
Label28.Caption = FormatNumber(q)
Label31.Caption = FormatNumber(i)
If i < ss Then
    Label49.Caption = 0
Else
    Label49.Caption = FormatNumber(i - ss)
End If
mm = (z + ss)
Label55.Caption = FormatNumber(mm)
Label33.Caption = FormatNumber(CDbl(Label49.Caption) + CDbl(Label51.Caption))
End If
End If
Label36.Caption = FormatNumber(CDbl(Label55.Caption) + CDbl(Label33.Caption))
Label37.Caption = FormatNumber(CDbl(Label36.Caption) * 0.1)
If CDbl(Label55.Caption) < 100 Then
    Label40.Caption = 0
    Label48.Caption = 0
Else
    Label40.Caption = FormatNumber(CDbl(Label55.Caption) * 0.1)
    Label48.Caption = FormatNumber(CDbl(Label55.Caption) - CDbl(Label40.Caption))
End If

```

```

Label62.Caption = FormatNumber(CDbl(Label36.Caption) - CDbl(Label37.Caption))
Call taksit
If Label58.Caption = 0 Then
    Label60.Caption = 0
Else
    Label60.Caption = FormatNumber(CDbl(Label48.Caption) / CDbl(Label58.Caption))
End If
If Label58.Caption = 0 Then
    Call taksit2005
    Call faiz2005son
    Else
        Call faiz2005son
End If
Label74.Caption = FormatNumber((CDbl(Label63.Caption) + CDbl(Label62.Caption)))
If Label58.Caption = 0 Then
    Label60.Caption = 0
    Label66.Caption = 0
    Else
        Label66.Caption = FormatNumber(CDbl(Label74.Caption) / CDbl(Label58.Caption))
End If
Exit Sub
cigdem:
MsgBox " Lütfen Programdan çıkış yapınız", vbExclamation, "UYARI"
End Sub
Private Sub temizle()
    Label3.Caption = ""
    Label5.Caption = ""
    Label8.Caption = ""
    Label11.Caption = ""
    Label13.Caption = ""
    Text1.Text = ""
    Text2.Text = ""
    Text3.Text = ""
    Text4.Text = ""
    Text5.Text = ""
    Text6.Text = ""
    Text7.Text = ""
    Label19.Caption = ""
    Label20.Caption = ""
    Label19.Caption = ""
    Label21.Caption = ""
    Label22.Caption = ""
    Label27.Caption = ""
    Label28.Caption = ""
    Label31.Caption = ""
    Label33.Caption = ""
    Label44.Caption = ""
    Label51.Caption = ""
    Label55.Caption = ""
    Label40.Caption = ""

```

```
Label48.Caption = ""
Label60.Caption = ""
Label58.Caption = ""
Label49.Caption = ""
Label36.Caption = ""
Label37.Caption = ""
Label62.Caption = ""
Label63.Caption = ""
Label74.Caption = ""
Label66.Caption = ""
Label71.Caption = ""
Label72.Caption = ""
Label67.Caption = ""
Text1.Enabled = True
Text1.SetFocus
Command3.Enabled = False
End Sub
```

```
Private Sub taksit2005()
```

```
If CDbl(Label62.Caption) > 100 And CDbl(Label62.Caption) < 500 Then
    Label58.Caption = "6"
End If
If CDbl(Label62.Caption) > 500 And CDbl(Label62.Caption) < 1000 Then
    Label58.Caption = "12"
End If
If CDbl(Label62.Caption) > 1000 And CDbl(Label62.Caption) < 2000 Then
    Label58.Caption = "18"
End If
If CDbl(Label62.Caption) > 2000 And CDbl(Label62.Caption) < 5000 Then
    Label58.Caption = "24"
End If
If CDbl(Label62.Caption) > 5000 Then
    Label58.Caption = "36"
End If
```

```
End Sub
```

```
Private Sub taksit()
```

```
If CDbl(Label48) < 100 Then
    MsgBox "36/2005 sayılı yasadan faydalananmazsınız!!!", vbExclamation, "UYARI"
    Label58.Caption = 0
    Label60.Caption = 0
End If

If CDbl(Label48.Caption) > 100 And CDbl(Label48.Caption) < 500 Then
    Label58.Caption = "6"
End If
If CDbl(Label48.Caption) > 500 And CDbl(Label48.Caption) < 1000 Then
    Label58.Caption = "12"
End If
```

```

If CDbl(Label48.Caption) > 1000 And CDbl(Label48.Caption) < 2000 Then
    Label58.Caption = "18"
End If
If CDbl(Label48.Caption) > 2000 And CDbl(Label48.Caption) < 5000 Then
    Label58.Caption = "24"
End If
If CDbl(Label48.Caption) > 5000 Then
    Label58.Caption = "36"
End If
End Sub
Private Sub faiz2005son()
If Label55.Caption = 0 Then
    If Label58.Caption = "6" Then
        Label63.Caption = FormatNumber((CDbl(Label62.Caption) * 1.105) -
CDbl(Label62.Caption))

    ElseIf Label58.Caption = "12" Then
        Label63.Caption = FormatNumber((CDbl(Label62.Caption) * 1.195) -
CDbl(Label62.Caption))

    ElseIf Label58.Caption = "18" Then
        Label63.Caption = FormatNumber((CDbl(Label62.Caption) * 1.285) -
CDbl(Label62.Caption))

    ElseIf Label58.Caption = "24" Then
        Label63.Caption = FormatNumber((CDbl(Label62.Caption) * 1.375) -
CDbl(Label62.Caption))

    ElseIf Label58.Caption = "36" Then
        Label63.Caption = FormatNumber((CDbl(Label62.Caption) * 1.555) -
CDbl(Label62.Caption))

    Else
        Label63.Caption = 0
    End If
    ElseIf CDbl(Label37.Caption) <= CDbl(Label49.Caption) Then
        Call faiz05
    ElseIf CDbl(Label37.Caption) > CDbl(Label49.Caption) Then
        Call faiz05
    ElseIf (CDbl(Label37.Caption) < CDbl(Label49.Caption)) And (CDbl(Label37.Caption) >
CDbl(Label55.Caption)) Then
        ccc = CDbl(Label37.Caption) - CDbl(Label55.Caption)
        ddd = CDbl(Label49.Caption) - ccc
        Call faiz06
    End If
End Sub
Private Sub faiz06()
If Label58.Caption = "6" Then
    Label63.Caption = FormatNumber(ddd * 1.105)

```

```

ElseIf Label58.Caption = "12" Then
    Label63.Caption = FormatNumber(ddd * 1.195)

ElseIf Label58.Caption = "18" Then
    Label63.Caption = FormatNumber(ddd * 1.285)

ElseIf Label58.Caption = "24" Then
    Label63.Caption = FormatNumber(ddd * 1.375)

ElseIf Label58.Caption = "36" Then
    Label63.Caption = FormatNumber(ddd * 1.555)
    Else
        Label63.Caption = 0
End If
End Sub
Private Sub faiz05()
If Label58.Caption = "6" Then
    Label63.Caption = FormatNumber((CDbl(Label49.Caption) * 1.105) -
CDbl(Label49.Caption))

ElseIf Label58.Caption = "12" Then
    Label63.Caption = FormatNumber((CDbl(Label49.Caption) * 1.195) -
CDbl(Label49.Caption))

ElseIf Label58.Caption = "18" Then
    Label63.Caption = FormatNumber((CDbl(Label49.Caption) * 1.285) -
CDbl(Label49.Caption))

ElseIf Label58.Caption = "24" Then
    Label63.Caption = FormatNumber((CDbl(Label49.Caption) * 1.375) -
CDbl(Label49.Caption))

ElseIf Label58.Caption = "36" Then
    Label63.Caption = FormatNumber((CDbl(Label49.Caption) * 1.555) -
CDbl(Label49.Caption))
    Else
        Label63.Caption = 0
End If
End Sub
Private Sub Text6_KeyPress(KeyAscii As Integer)
If KeyAscii = "13" Then
    If Text6.Text = "" Then
        MsgBox "İlgili hane Doldurulmak Zorundadır", vbExclamation, "DİKKAT"
        Else
            Text7.Enabled = True
            Text7.SetFocus
        End If
    End If
End Sub
Private Sub Text7_KeyPress(KeyAscii As Integer)

```

```

If KeyAscii = "13" Then
    If Text7.Text = "" Then
        MsgBox "İlgili hane Doldurulmak Zorundadır", vbExclamation, "DİKKAT"
    Else
        Call hesap
        For Index = 0 To 6
            Option1(Index).Enabled = True
        Next Index
    End If
End If
Call kontrol
End Sub

```

### **Code for FORM 1.5**

```

Private Sub Command1_Click()
Form2.Visible = True
Form4.Visible = False
Text1.Text = ""
Text2.Text = ""
Text3.Text = ""
Text4.Text = ""
Text5.Text = ""
Text6.Text = ""
Label4.Caption = ""
Label5.Caption = ""
Label11.Caption = ""
Label13.Caption = ""
Label15.Caption = ""
Label17.Caption = ""
Label19.Caption = ""
Label21.Caption = ""
Label23.Caption = ""
Label25.Caption = ""
Label27.Caption = ""
Label28.Caption = ""
Label29.Caption = ""

```

End Sub

```

Private Sub temizle()
Text1.Text = ""
Text2.Text = ""
Text3.Text = ""
Text4.Text = ""
Text5.Text = ""
Text6.Text = ""
Label4.Caption = ""

```

```
Label5.Caption = ""  
Label11.Caption = ""  
Label13.Caption = ""  
Label15.Caption = ""  
Label17.Caption = ""  
Label19.Caption = ""  
Label21.Caption = ""  
Label23.Caption = ""  
Label25.Caption = ""  
Label27.Caption = ""  
Label28.Caption = ""  
Label29.Caption = ""  
Text1.Enabled = True  
Text1.SetFocus  
Command2.Enabled = False  
End Sub
```

```
Private Sub Command2_Click()  
On Error GoTo cigdem  
msg = "KAYIT YAPMAK İSTİYORMUSUNUZ"  
style = vbYesNo  
title = "DİKKAT"  
response = MsgBox(msg, vbYesNo, title)  
If response = vbYes Then  
    Data2.Recordset.AddNew  
    Data2.Recordset.Fields(0) = Text1.Text  
    Data2.Recordset.Fields(1) = Label4.Caption  
    Data2.Recordset.Fields(2) = Text4.Text  
    Data2.Recordset.Fields(3) = Text5.Text  
    Data2.Recordset.Fields(4) = Text6.Text  
    Data2.Recordset.Fields(5) = CDbl(Text2.Text)  
    Data2.Recordset.Fields(6) = CDbl(Text3.Text)  
    Data2.Recordset.Fields(7) = CDbl(Label13.Caption)  
    Data2.Recordset.Fields(8) = CDbl(Label15.Caption)  
    Data2.Recordset.Fields(9) = CDbl(Label17.Caption)  
    Data2.Recordset.Fields(10) = CDbl(Label19.Caption)  
    Data2.Recordset.Fields(11) = CDbl(Label21.Caption)  
    Data2.Recordset.Fields(12) = CDbl(Label28.Caption)  
    Data2.Recordset.Fields(13) = CDbl(Label29.Caption)  
    If Option1(0).Value = True Then  
        Data2.Recordset.Fields(14) = 0  
    ElseIf Option1(1).Value = True Then  
        Data2.Recordset.Fields(14) = 6  
    ElseIf Option1(2).Value = True Then  
        Data2.Recordset.Fields(14) = 12  
    ElseIf Option1(3).Value = True Then  
        Data2.Recordset.Fields(14) = 18  
    ElseIf Option1(4).Value = True Then  
        Data2.Recordset.Fields(14) = 24  
    ElseIf Option1(5).Value = True Then
```

```

        Data2.Recordset.Fields(14) = Label27.Caption
    End If
    Data2.Recordset.Fields(16) = Label32.Caption
    If Option1(0).Value = True Then
        Data2.Recordset.Fields(15) = "P"
    Else
        Data2.Recordset.Fields(15) = "Y"
    End If
    Data2.Recordset.Update
    Form10.Show
    Call temizle
    For Index = 0 To 5
        Option1(Index).Enabled = False
        Option1(Index).Value = False
    Next Index
    Call yeni
    Else
        Call temizle
        For Index = 0 To 5
            Option1(Index).Enabled = False
            Option1(Index).Value = False
        Next Index
        Call yeni
    Command2.Enabled = False
    End If
    Call temizle
    Text1.Enabled = True
    Text1.SetFocus
    Exit Sub
    cigdem:
    MsgBox " Lütfen Programdan çıkış yapınız", vbExclamation, "UYARI"
End Sub

```

```

Private Sub Form_Load()
Label6.Caption = Date
Text2.Enabled = False
Text3.Enabled = False
Text4.Enabled = False
Text5.Enabled = False
Text6.Enabled = False
Label32.Caption = Format(Date, "yyyymmdd")
For Index = 0 To 5
    Option1(Index).Enabled = False
Next Index
Command2.Enabled = False
End Sub
Private Sub yeni()
Text2.Enabled = False
Text3.Enabled = False

```

```

Text4.Enabled = False
Text5.Enabled = False
Text6.Enabled = False
For Index = 0 To 5
    Option1(Index).Enabled = False
Next Index
End Sub
Private Sub Option1_Click(Index As Integer)
On Error GoTo cigdem
Command2.Enabled = True
Select Case Index
Case 0
    Label28.Caption = FormatNumber(Label19.Caption)
    Label29.Caption = 0
    Label28.Caption = 0
Case 1
    Label28.Caption = FormatNumber(Label23.Caption)
    Label29.Caption = FormatNumber(CDbl(Label28.Caption) / 6)
Case 2
    Label28.Caption = FormatNumber(Label23.Caption)
    Label29.Caption = FormatNumber(CDbl(Label28.Caption) / 12)
Case 3
    Label28.Caption = FormatNumber(Label23.Caption)
    Label29.Caption = FormatNumber(CDbl(Label28.Caption) / 18)
Case 4
    Label28.Caption = FormatNumber(Label23.Caption)
    Label29.Caption = FormatNumber(CDbl(Label28.Caption) / 24)
Case 5
    Label28.Caption = FormatNumber(Label23.Caption)
    Label29.Caption = FormatNumber(CDbl(Label25.Caption))
End Select
Exit Sub
cigdem:
MsgBox " Lütfen Programdan çıkış yapınız", vbExclamation, "UYARI"
End Sub
Private Sub kontrol()
opt = Label27.Caption
If opt = 6 Then
    Option1(0).Enabled = True
    Option1(1).Enabled = False
    Option1(2).Enabled = False
    Option1(3).Enabled = False
    Option1(4).Enabled = False
End If
If opt = 12 Then
    Option1(3).Enabled = False
    Option1(4).Enabled = False
End If
If opt = 18 Then
    Option1(3).Enabled = False

```

```

    Option1(4).Enabled = False
End If
End Sub
Private Sub Text1_KeyPress(KeyAscii As Integer)
    If KeyAscii = "13" Then
        fs = Len(Text1.Text)
        If fs <> 14 Then
            MsgBox "HATALI GİRİŞ VAR LÜTFEN TEKRAR GİRİNİZ", vbExclamation,
"UYARI"
            Text1.Text = ""
        Else 'End If

            strg = "select * from borclu where borno ='" & Text1.Text & "'"
            Set dbs = OpenDatabase("c:\yasa362005\esas1.mdb")
            Set temp = dbs.OpenRecordset(strg, dbOpenDynaset)
            If temp.EOF = True Then
                MsgBox "Aranan Kayıt Bulunamadı", vbExclamation, "UYARI"
                Text1.Text = ""
                Text1.SetFocus
            Else

                a = temp("kapgz").Value 'kapital gz
                Label4.Caption = temp("musno").Value
                Label5.Caption = temp("isim").Value
                Label11.Caption = FormatNumber(a)
                Text4.Enabled = True
                Text4.SetFocus
                Label34.Caption = Text1.Text
            End If
        End If
    End If
End Sub
Private Sub Text2_KeyPress(KeyAscii As Integer)
    If KeyAscii = "13" Then
        If Text2.Text = "" Then
            MsgBox "İlgili Hane Doldurulmak Zorundadır", vbExclamation, "UYARI"
        Else
            Text2.Text = FormatNumber(Text2.Text)
            Text3.Enabled = True
            Text3.SetFocus
        End If
    End If
End Sub
Private Sub Text3_KeyPress(KeyAscii As Integer)
    If KeyAscii = "13" Then
        If Text3.Text = "" Then
            MsgBox "İlgili Hane Doldurulmak Zorundadır", vbExclamation, "UYARI"
        Else
            Text2.Enabled = False
            Text3.Text = FormatNumber(Text3.Text)
        End If
    End If
End Sub

```

```

    Call hesap
End If
End If
End Sub
Private Sub Text4_KeyPress(KeyAscii As Integer)
If KeyAscii = "13" Then
    fs = Len(Text4.Text)
    If fs <> 9 Then
        MsgBox "HATALI GİRİŞ VAR İÜTFEN TEKRAR GİRİNİZ", vbExclamation,
    "UYARI"
        Text4.Text = ""
    Else
        Text1.Enabled = False
        Text5.Enabled = True
        Text5.SetFocus
    End If
End If
End Sub
Private Sub Text5_KeyPress(KeyAscii As Integer)
If KeyAscii = "13" Then
    If Text5.Text = "" Then
        MsgBox "İlgili Hane Doldurulmak Zorundadır", vbExclamation, "UYARI"
    Else
        Text4.Enabled = False
        Text6.Enabled = True
        Text6.SetFocus
    End If
End If
End Sub
Private Sub Text6_KeyPress(KeyAscii As Integer)
If KeyAscii = "13" Then
    If Text6.Text = "" Then
        MsgBox "İlgili Hane Doldurulmak Zorundadır", vbExclamation, "UYARI"
    Else
        Text5.Enabled = False
        Text2.Enabled = True
        Text2.SetFocus
    End If
End If
End Sub
Private Sub hesap()
X = CDbl(Text3.Text) + CDbl(Label11.Caption) 'kapital gz + şimdiki gz
Label13.Caption = FormatNumber(X) 'toplam gz
If CDbl(Text2.Text) < CDbl(Label11.Caption) Then
    Y = 0
    Else
        Y = CDbl(Text2.Text) - CDbl(Label11.Caption) 'net bakiye =simdidki bakiye -kap gz
End If
z = CDbl(X * 20 / 100) '%20 gz
Label15.Caption = FormatNumber(z)

```

```

t = CDbl(X * 80 / 100) '%80 gz
Label17.Caption = FormatNumber(t)
p = z + Y 'toplam alacak =%20gz + net bakiye
If Y = 0 And CDbl(Label17.Caption) > CDbl(Text3.Text) Then
    Label19.Caption = 0
Else
    Label19.Caption = FormatNumber(p)
End If
If CDbl(Label19.Caption) < 100 Then
    MsgBox "36/2005 Sayılı Yasadan Faydalananamazsınız!!!", vbExclamation, "UYARI"
    Label21.Caption = 0
    Label23.Caption = 0
    Label27.Caption = "0"
    Label25.Caption = "0"
    Label28.Caption = Label19.Caption
    Label29.Caption = ""
    For Index = 0 To 5
        Option1(Index).Enabled = True
    Next Index
Else
    s = CDbl(p * 10 / 100) '%10 alacak
    Label21.Caption = FormatNumber(s)
    v = CDbl(p - s)
    Label23.Caption = FormatNumber(v)
    Call bortaksit
    If Label27.Caption = "0" Then
        Label27.Caption = "0"
        Label25.Caption = "0"
    Else
        w = CDbl(Label23.Caption) / CDbl(Label27.Caption)
        Label25.Caption = FormatNumber(w)
    End If
        Label28.Caption = FormatNumber(Label23.Caption)
        Label29.Caption = FormatNumber(Label25.Caption)
        For Index = 0 To 5
            Option1(Index).Enabled = True
    Next Index
    Call kontrol
End If
Exit Sub
cigdem:
MsgBox " Lütfen Programdan çıkışın tekrar giriş yapınız", vbExclamation, "UYARI"
End Sub
Private Sub bortaksit()
On Error GoTo cigdem
If CDbl(Label23.Caption) < 100 Then
    MsgBox "36/2005 sayılı yasadan faydalananamazsınız!!!", vbExclamation, "UYARI"
    Label27.Caption = "0"
    For Index = 0 To 5
        Option1(Index).Enabled = False

```

```

    Next Index
End If
If CDbl(Label23.Caption) > 100 And CDbl(Label23.Caption) < 500 Then
    Label27.Caption = "6"
ElseIf CDbl(Label23.Caption) > 500 And CDbl(Label23.Caption) < 1000 Then
    Label27.Caption = "12"
ElseIf CDbl(Label23.Caption) > 1000 And CDbl(Label23.Caption) < 2000 Then
    Label27.Caption = "18"
ElseIf CDbl(Label23.Caption) > 2000 And CDbl(Label23.Caption) < 5000 Then
    Label27.Caption = "24"
ElseIf CDbl(Label23.Caption) > 5000 Then
    Label27.Caption = "36"
End If
cigdem:
End Sub.

```

### **Code for FORM 1.6**

```

Private Sub Command1_Click()
Form2.Visible = True
Unload Me
End Sub

```

```

Private Sub Form_Load()
End Sub

```

### **Code for FORM 1.7**

```

Dim tak As String
Dim tak1 As String
Dim tak2 As String
Private Sub Command3_Click()
Text1.Text = ""
Form2.Visible = True
Form3.Visible = False
End Sub
Private Sub Command4_Click()
strg1 = "select * from aktifkayit where tarih ='" & Text1.Text & "'"
Set dbs1 = OpenDatabase("c:\yasa362005\esas1.mdb")
Set temp1 = dbs1.OpenRecordset(strg1, dbOpenDynaset)
On Error GoTo yalan
Open ("c:\taksit\naimtaka.txt") For Output As #1
temp1.MoveFirst
Do While Not temp1.EOF
    Label2.Caption = CStr(temp1("toptah").Value)

```

```

tak = MyLeftPad(CStr(temp1("toptah").Value), 14)
tak1 = kopya(tak)
tak2 = MyLeftPad(tak1, 14)
Print #1, temp1("tukno").Value; temp1("fatno").Value; temp1("tarih").Value; tak2
temp1.MoveNext
Loop
Close #1
MsgBox "Dosya oluşturuldu!!!!", vbExclamation, "UYARI"
Exit Sub
Text1.Text = ""
Text1.SetFocus
yalan:
 MsgBox "Aranan tarihli Kayıt Bulunamadı, doğru tarih giriniz", vbExclamation, "UYARI"
Text1.Text = ""
Text1.SetFocus
Close #1
End Sub
Private Sub Command5_Click()
strg1 = "select * from pasifkayit where tarih ='" & Text1.Text & "'"
Set dbs1 = OpenDatabase("c:\yasa362005\esas1.mdb")
Set temp1 = dbs1.OpenRecordset(strg1, dbOpenDynaset)
On Error GoTo yalan
Open ("c:\taksit\naimtakb.txt") For Output As #1
temp1.MoveFirst
Do While Not temp1.EOF
Label2.Caption = CStr(temp1("toptak").Value)
tak = MyLeftPad(CStr(temp1("toptak").Value), 14)
tak1 = kopya(tak)
tak2 = MyLeftPad(tak1, 14)
Print #1, temp1("borno").Value; temp1("fatno").Value; temp1("tarih").Value; tak2
temp1.MoveNext
Loop
Close #1
MsgBox "Dosya oluşturuldu!!!!", vbExclamation, "UYARI"
Exit Sub
Text1.Text = ""
Text1.SetFocus
yalan:
 MsgBox "Aranan tarihli Kayıt Bulunamadı, doğru tarih giriniz", vbExclamation, "UYARI"
Text1.Text = ""
Text1.SetFocus
Close #1
End Sub
Private Function MyLeftPad(myStr As String, iLen As Integer) As String
Dim iCnt, iExLen, iCurLen As Integer
Dim exStr As String
iCurLen = Len(Trim(myStr))
iExLen = iLen - iCurLen
If iExLen <= 0 Then
MyLeftPad = myStr

```

```

Else
    exStr = ""
    For iCnt = 1 To iExLen Step 1
        exStr = exStr + "0"
    Next iCnt
    MyLeftPad = exStr + myStr
End If
End Function
Private Function kopya(mystr1 As String) As String
Dim X, a, c As String
Dim b
a = mystr1
b = 1
len4 = Len(a)
c = ""
For i = 1 To len4 Step 1
    If i = 12 And Mid(a, 12, 1) = "," Then
        c = c + Right(a, 2)
        i = i + 1
    Exit For
    Else
        c = Left(a, i)
    End If
Next i
kopya = c
End Function
Private Sub bul()
Dim Search, Where ' Declare variables.
    ' Get search string from user.
    Search = "."
    Where = InStr(Text1.Text, Search) ' Find string in text.
    If Where Then ' If found,
        Text1.SelStart = Where - 1 ' set selection start and
        Text1.SelLength = Len(Search) ' set selection length.
    End If
    ara = Text1.SelText
    If ara = "." Then
        sil = ","
        Text1.SelText = sil
    End If
End Sub
Private Sub Command6_Click()
strg1 = "select * from aktifkayit"
    Set dbs1 = OpenDatabase("c:\yasa362005\esas1.mdb")
    Set temp1 = dbs1.OpenRecordset(strg1, dbOpenDynaset)
    On Error GoTo yalan
    Open ("c:\taksit\naimtopa.txt") For Output As #1
    temp1.MoveFirst
    Do While Not temp1.EOF

```

```

Print #1, temp1("tukno").Value; temp1("sonbakiye").Value; temp1("songz").Value;
temp1("sontahsilat").Value; temp1("tarih").Value; temp1("y20").Value;
temp1("y80").Value; temp1("y10").Value; temp1("toptah").Value; temp1("aytak").Value;
temp1("taksay").Value; temp1("bak04").Value; temp1("gz04").Value;
temp1("top0405").Value; temp1("kod").Value
    temp1.MoveNext
Loop
Close #1
MsgBox "Dosya oluşturuldu!!!!", vbExclamation, "UYARI"
Exit Sub
Text1.Text = ""
Text1.SetFocus
yalan:
 MsgBox "Aranan tarihli Kayıt Bulunamadı, doğru tarih giriniz", vbExclamation, "UYARI"
    Text1.Text = ""
    Text1.SetFocus
    End Sub
Private Sub Command7_Click()
strg1 = "select * from pasifkayıt"
Set dbs1 = OpenDatabase("c:\yasa362005\esas1.mdb")
Set temp1 = dbs1.OpenRecordset(strg1, dbOpenDynaset)
On Error GoTo yalan
Open ("c:\taksit\naimtopb.txt") For Append As #1
temp1.MoveFirst
Do While Not temp1.EOF
    Print #1, temp1("borno").Value; temp1("tukno").Value; temp1("bak05").Value;
    temp1("gz05").Value; temp1("topgz").Value; temp1("y20b").Value; temp1("y80b").Value;
    temp1("topgen").Value; temp1("y10").Value; temp1("toptak").Value; temp1("aytak").Value;
    temp1("taks").Value; temp1("kod").Value; temp1("tarih").Value
    temp1.MoveNext
Loop
Close #1
MsgBox "Dosya oluşturuldu!!!!", vbExclamation, "UYARI"

Exit Sub
Text1.Text = ""
Text1.SetFocus
yalan:
 MsgBox "Aranan tarihli Kayıt Bulunamadı, doğru tarih giriniz", vbExclamation, "UYARI"
    Text1.Text = ""
    Text1.SetFocus
    Close #1
End Sub
Private Sub Form_Load()
End Sub

```

## **Code For FORM 1.8**

```
Private Sub Command1_Click()
On Error GoTo mus
strg = "select * from aktifkayit where tukno ='" & Text1.Text & "'"
Set dbs = OpenDatabase("c:\yasa362005\esas1.mdb")
Set temp = dbs.OpenRecordset(strg, dbOpenDynaset)
Data2.Recordset.AddNew
Data2.Recordset.Fields(0) = temp("tukno").Value
Data2.Recordset.Fields(1) = temp("sonbakiye").Value
Data2.Recordset.Fields(2) = temp("songz").Value
Data2.Recordset.Fields(3) = temp("sontahsilat").Value
Data2.Recordset.Fields(4) = temp("fatno").Value
Data2.Recordset.Fields(5) = temp("kimlik").Value
Data2.Recordset.Fields(6) = temp("tel").Value
Data2.Recordset.Fields(7) = temp("tarih").Value
Data2.Recordset.Fields(8) = temp("y20").Value
Data2.Recordset.Fields(9) = temp("y80").Value
Data2.Recordset.Fields(10) = temp("y10").Value
Data2.Recordset.Fields(11) = temp("toptah").Value
Data2.Recordset.Fields(12) = temp("aytak").Value
Data2.Recordset.Fields(13) = temp("taksay").Value
Data2.Recordset.Fields(14) = temp("bak04").Value
Data2.Recordset.Fields(15) = temp("gz04").Value
Data2.Recordset.Fields(16) = temp("top0405").Value
Data2.Recordset.Fields(17) = temp("kod").Value
Data2.Recordset.Update
dbs.Execute "delete * from aktifkayit where tukno ='" & Text1.Text & "'"
dbs.Close
Data1.Refresh
MsgBox "KAYIT SİLİNMIŞTİR", vbExclamation, "MESSAGE"
Text1.SetFocus
Text1.Text = ""
Text1.SetFocus
Exit Sub
mus:
 MsgBox "Lütfen Bilgilerinizi tekrar giriniz,Böyle bir kayıt yoktur", vbExclamation,
"MESSAGE"
Text1.SetFocus
Text1.Text = ""
Text1.SetFocus
End Sub
Private Sub Command2_Click()
On Error GoTo mus
strg = "select * from pasifikayit where borneo ='" & Text2.Text & "'"
Set dbs = OpenDatabase("c:\yasa362005\esas1.mdb")
Set temp = dbs.OpenRecordset(strg, dbOpenDynaset)
```

```

Data4.Recordset.AddNew
Data4.Recordset.Fields(0) = temp("borno").Value
Data4.Recordset.Fields(1) = temp("tukno").Value
Data4.Recordset.Fields(2) = temp("fatno").Value
Data4.Recordset.Fields(3) = temp("telno").Value
Data4.Recordset.Fields(4) = temp("kimno").Value
Data4.Recordset.Fields(5) = temp("bak05").Value
Data4.Recordset.Fields(6) = temp("gz05").Value
Data4.Recordset.Fields(7) = temp("topgz").Value
Data4.Recordset.Fields(8) = temp("y20b").Value
Data4.Recordset.Fields(9) = temp("y80b").Value
Data4.Recordset.Fields(10) = temp("topgen").Value
Data4.Recordset.Fields(11) = temp("y10").Value
Data4.Recordset.Fields(12) = temp("toptak").Value
Data4.Recordset.Fields(13) = temp("aytak").Value
Data4.Recordset.Fields(14) = temp("taks").Value
Data4.Recordset.Fields(15) = temp("kod").Value
Data4.Recordset.Fields(16) = temp("tarih").Value
Data4.Recordset.Update
dbs.Execute "delete * from pasif kayıt where borno ='" & Text2.Text & "'"
dbs.Close
Data3.Refresh
MsgBox "KAYIT SİLİNMIŞTİR", vbExclamation, "MESSAGE"
Text2.SetFocus
Text2.Text = ""
Text2.SetFocus
Exit Sub
mus:
MsgBox "Lütfen Bilgilerinizi tekrar giriniz,Böyle bir kayıt yoktur", vbExclamation,
"MESSAGE"
Text2.SetFocus
Text2.Text = ""
Text2.SetFocus
End Sub

Private Sub Command3_Click()
Form2.Visible = True
Form6.Visible = False
End Sub

Private Sub Form_Load()
End Sub.

```

## **Code for FORM 1.9**

Option Explicit

```
Private Sub Command1_Click()
    strg2 = "select sum(y10) from aktifkayit where tarih ='" & Text1.Text & "'and kod='Y'"
    strg = "select sum(top0405) from aktifkayit where tarih ='" & Text1.Text & "' and
kod='P'"
    strg3 = "select * from aktifkayit where tarih ='" & Text1.Text & "'"
    Set dbs2 = OpenDatabase("c:\yasa362005\esas1.mdb")
    Data1.RecordSource = strg2
    Data2.RecordSource = strg3
    Data5.RecordSource = strg
    Set temp3 = dbs2.OpenRecordset(strg3, dbOpenDynaset)
    Set temp2 = dbs2.OpenRecordset(strg2, dbOpenDynaset)
    Set temp = dbs2.OpenRecordset(strg, dbOpenDynaset)
    Set Data1.Recordset = temp2
    Set Data2.Recordset = temp3
    Set Data5.Recordset = temp
```

End Sub

```
Private Sub Command2_Click()
    strg2 = "select sum(topgen) from pasifikayit where tarih ='" & Text1.Text & "' and kod='P'"
    strg = "select sum(y10) from pasifikayit where tarih ='" & Text1.Text & "'and kod='Y'"
    strg1 = "select * from pasifikayit where tarih ='" & Text1.Text & "'"
    Set dbs = OpenDatabase("c:\yasa362005\esas1.mdb")
    Data3.RecordSource = strg
    Data4.RecordSource = strg1
    Data6.RecordSource = strg2
    Set temp1 = dbs.OpenRecordset(strg1, dbOpenDynaset)
    Set temp = dbs.OpenRecordset(strg, dbOpenDynaset)
    Set temp2 = dbs.OpenRecordset(strg2, dbOpenDynaset)
    Set Data3.Recordset = temp
    Set Data4.Recordset = temp1
    Set Data6.Recordset = temp2
End Sub
```

Private Sub Command3\_Click()

Form2.Visible = True

Text1.Text = ""

Form12.Visible = False

End Sub

Private Sub Form\_KeyPress(KeyAscii As Integer)

If KeyAscii = "13" Then

```
    strg2 = "select sum(y10) from aktifkayit where tarih ='" & Text1.Text & "'"
    Set dbs2 = OpenDatabase("c:\yasa362005\esas1.mdb")
    Data1.RecordSource = strg2
    Set temp2 = dbs2.OpenRecordset(strg2, dbOpenDynaset)
```

```
    Set Data1.Recordset = temp2
End If
End Sub
```

### **Code For FORM 1.10**

```
Private Sub Form_Load()
Combo1.Enabled = False
Command1.Enabled = False
Command2.Enabled = False
Label10 = Date
Label6.Caption = Format(Date, "yyyymmdd")
Option1(0).Enabled = False
Option1(1).Enabled = False
Option1(2).Enabled = False
Option1(3).Enabled = False
Option1(4).Enabled = False
Option1(5).Enabled = False
End Sub

Private Sub temizle()
Text1.Text = ""
Text2.Text = ""
Text3.Text = ""
Text4.Text = ""
Text5.Text = ""
Text6.Text = ""
Label3.Caption = ""
Label5.Caption = ""
Label13.Caption = ""
Label17.Caption = ""
Label18.Caption = ""
Label21.Caption = ""
Combo1.Text = ""
Label22.Caption = ""
Label25.Caption = ""
Label26.Caption = ""
Label29.Caption = ""
Option1(0).Enabled = False
Option1(1).Enabled = False
Option1(2).Enabled = False
Option1(3).Enabled = False
Option1(4).Enabled = False
Option1(5).Enabled = False
End Sub

Private Sub taksit()
If CDbl(Label18.Caption) < 200 Then
    Label21.Caption = "1"
ElseIf CDbl(Label18.Caption) > 200 And CDbl(Label18.Caption) < 400 Then
    Label21.Caption = "2"
ElseIf CDbl(Label18.Caption) > 400 And CDbl(Label18.Caption) < 600 Then
```

```

Label21.Caption = "3"
ElseIf CDbl(Label18.Caption) > 600 And CDbl(Label18.Caption) < 1500 Then
    Label21.Caption = "4"
ElseIf CDbl(Label18.Caption) > 1500 And CDbl(Label18.Caption) < 3000 Then
    Label21.Caption = "5"
ElseIf CDbl(Label18.Caption) > 3000 Then
    Label21.Caption = "6"
End If

End Sub

Private Sub Option1_Click(Index As Integer)
Select Case Index
Case 0
    f1 = CDbl(Text2.Text) - CDbl(Label17.Caption)
    Label22.Caption = FormatNumber((CDbl(f1) * 1.03) - CDbl(f1))
    Label25.Caption = FormatNumber((CDbl(f1) * 1.03) + CDbl(Text3.Text))
    Label26.Caption = 1
    Label29.Caption = FormatNumber(CDbl(Label25.Caption) / CDbl(Label26.Caption))
    Command2.Enabled = True
Case 1
    f1 = CDbl(Text2.Text) - CDbl(Label17.Caption)
    Label22.Caption = FormatNumber((CDbl(f1) * 1.045) - CDbl(f1))
    Label25.Caption = FormatNumber((CDbl(f1) * 1.045) + CDbl(Text3.Text))
    Label26.Caption = 2
    Label29.Caption = FormatNumber(CDbl(Label25.Caption) / CDbl(Label26.Caption))
    Command2.Enabled = True
Case 2
    f1 = CDbl(Text2.Text) - CDbl(Label17.Caption)
    Label22.Caption = FormatNumber((CDbl(f1) * 1.06) - CDbl(f1))
    Label25.Caption = FormatNumber((CDbl(f1) * 1.06) + CDbl(Text3.Text))
    Label26.Caption = 3
    Label29.Caption = FormatNumber(CDbl(Label25.Caption) / CDbl(Label26.Caption))
    Command2.Enabled = True
Case 3
    f1 = CDbl(Text2.Text) - CDbl(Label17.Caption)
    Label22.Caption = FormatNumber((CDbl(f1) * 1.075) - CDbl(f1))
    Label25.Caption = FormatNumber((CDbl(f1) * 1.075) + CDbl(Text3.Text))
    Label26.Caption = 4
    Label29.Caption = FormatNumber(CDbl(Label25.Caption) / CDbl(Label26.Caption))
    Command2.Enabled = True
Case 4
    f1 = CDbl(Text2.Text) - CDbl(Label17.Caption)
    Label22.Caption = FormatNumber((CDbl(f1) * 1.09) - CDbl(f1))
    Label25.Caption = FormatNumber((CDbl(f1) * 1.09) + CDbl(Text3.Text))
    Label26.Caption = 5
    Label29.Caption = FormatNumber(CDbl(Label25.Caption) / CDbl(Label26.Caption))
    Command2.Enabled = True
Case 5
    f1 = CDbl(Text2.Text) - CDbl(Label17.Caption)

```

```

Label22.Caption = FormatNumber((CDbl(f1) * 1.105) - CDbl(f1))
Label25.Caption = FormatNumber((CDbl(f1) * 1.105) + CDbl(Text3.Text))
Label26.Caption = 6
Label29.Caption = FormatNumber(CDbl(Label25.Caption) / CDbl(Label26.Caption))
Command2.Enabled = True
End Select
End Sub
Private Sub Text1_KeyPress(KeyAscii As Integer)
If KeyAscii = "13" Then
    a = 0
    b = 0
    fs = 0
    f1 = 0
    Command2.Enabled = False
    strg = "select * from 2005 where field1 ='" & Text1.Text & "'"
    Set dbs = OpenDatabase("c:\yasa362005\esas1.mdb")
    Set temp = dbs.OpenRecordset(strg, dbOpenDynaset)
    If temp.EOF = True Then
        MsgBox "Aranan Kayıt Bulunamadı", vbExclamation, "UYARI"
        Text1.Text = ""
        Text1.SetFocus
    Else
        Label3.Caption = temp("field2").Value
        Label5.Caption = temp("field4").Value
        Text2.SetFocus
        Label31.Caption = Text1.Text 'gizli tük no
    End If
End If
End Sub
Private Sub Text2_KeyPress(KeyAscii As Integer)
If KeyAscii = "13" Then
    Text2.Text = FormatNumber(Text2)
    Text3.SetFocus
End If
End Sub
Private Sub Text3_KeyPress(KeyAscii As Integer)
If KeyAscii = "13" Then
    Text3.Text = FormatNumber(Text3)
    Text4.SetFocus
End If
End Sub
Private Sub Text4_KeyPress(KeyAscii As Integer)
If KeyAscii = "13" Then
    fs = Len(Text4.Text)
    If fs <> 9 Then
        MsgBox "HATALI GİRİŞ VAR İÜTFEN TEKRAR GİRİNİZ", vbExclamation,
"UYARI"
        Text4.Text = ""
    Else
        Text5.SetFocus
    End If
End If
End Sub

```

```

    End If
End If
End Sub
Private Sub Text5_KeyPress(KeyAscii As Integer)
If KeyAscii = "13" Then
    Text6.SetFocus
End If
End Sub
Private Sub Text6_KeyPress(KeyAscii As Integer)
If KeyAscii = "13" Then
    a = CDbl(Text2.Text)
    b = CDbl(Text3.Text)
    Label13.Caption = a + b
    Label13.Caption = FormatNumber(Label13)
    Combo1.Enabled = True
    Command1.Enabled = True
    If CDbl(Label13.Caption) < 600 Then
        MsgBox "Peşin Ödeme Yapılmalıdır.", vbExclamation, "UYARI"
        Call temizle
        Text1.SetFocus
    End If
End If
End Sub.

```

### **Code for FORM – 1.11**

```

Option Explicit
Dim cn As New ADODB.Connection
Dim rs As New ADODB.Recordset
Dim rs1 As New ADODB.Recordset
Private Declare Function MapVirtualKey Lib "user32" Alias "MapVirtualKeyA" (ByVal
wCode As Long, ByVal wMapType As Long) As Long
Private Declare Sub keybd_event Lib "user32" (ByVal bVk As Byte, ByVal bScan As Byte,
ByVal dwFlags As Long, ByVal dwExtraInfo As Long)
Private Const VK_MENU = &H12
Private Const VK_SNAPSHOT = &H2C
Private Const KEYEVENTF_KEYUP = &H2
Private Declare Function ClientToScreen Lib "user32" (ByVal hWnd As Long, lpPoint As
POINTAPI) As Long
Private Declare Function ScreenToClient Lib "user32" (ByVal hWnd As Long, lpPoint As
POINTAPI) As Long
Private Type POINTAPI
    X As Long
    Y As Long
End Type
' Print an image of the control and any
' controls on top of it.
' Be sure the form containing the control has
' the focus before you call this routine.

```

```

Private Sub PrintPictureBoxImage(ByVal ptr As Object, ByVal pic As PictureBox, Optional
ByVal fit_to_printer = False)
Dim pic_parent As Form
Dim parent_x As Single
Dim parent_y As Single
Dim pic_pt As POINTAPI
Dim pic_x1 As Single
Dim pic_y1 As Single
Dim xmin As Single
Dim ymin As Single
Dim wid As Single
Dim hgt As Single
Dim aspect As Single
Dim pic_wid As Single
Dim pic_hgt As Single
' Copy the form's image to the clipboard.
' Press Alt.
    keybd_event VK_MENU, 0, 0, 0
    DoEvents
' Press Print Scrn.
    keybd_event VK_SNAPSHOT, 1, 0, 0
    keybd_event VK_SNAPSHOT, 0, 0, 0
    DoEvents
' Release Alt.
    keybd_event VK_MENU, 0, KEYEVENTF_KEYUP, 0
    DoEvents
' Copy the image into the hidden PictureBox.
    picHidden.Picture = Clipboard.GetData(vbCFBitmap)
' Get the form's location on the screen in pixels.
    Set pic_parent = pic.Parent
    parent_x = ScaleX(pic_parent.Left, vbTwips, vbPixels)
    parent_y = ScaleY(pic_parent.Top, vbTwips, vbPixels)
' Find the control's location on the screen in pixels.
    pic_pt.X = 0
    pic_pt.Y = 0
    ClientToScreen pic.hWnd, pic_pt
' Find the location of the control inside the parent form
' in pixels.
    pic_x1 = pic_pt.X - parent_x
    pic_y1 = pic_pt.Y - parent_y
' Convert into the printer's scale mode.
    pic_x1 = ScaleX(pic_x1, vbPixels, ptr.ScaleMode)
    pic_y1 = ScaleY(pic_y1, vbPixels, ptr.ScaleMode)
' Get the picture's size in the printer's scale mode.
    pic_wid = ScaleX(pic.ScaleWidth, pic.ScaleMode, ptr.ScaleMode)
    pic_hgt = ScaleY(pic.ScaleHeight, pic.ScaleMode, ptr.ScaleMode)
' Print the image.
    If Not fit_to_printer Then
        Center the image.
        wid = pic_wid

```

```

        hgt = pic_hgt
        xmin = (ptr.ScaleWidth - wid) / 3
        ymin = (ptr.ScaleHeight - hgt) / 3
    Else
        ' Make the image as large as possible
        ' without distortion.
        aspect = pic_hgt / pic_wid
        wid = ptr.ScaleWidth
        hgt = ptr.ScaleHeight
        If hgt / wid > aspect Then
            hgt = aspect * wid
            xmin = ptr.ScaleLeft
            ymin = (ptr.ScaleHeight - hgt) / 3
        Else
            wid = hgt / aspect
            xmin = (ptr.ScaleWidth - wid) / 3
            ymin = ptr.ScaleTop
        End If
    End If
    ' Print.
    ptr.PaintPicture picHidden.Picture, _
        xmin, ymin, wid, hgt, _
        pic_x1, pic_y1, pic_wid, pic_hgt
End Sub
Private Sub CmdMakbuz_Click()
Form9.Show
End Sub
Private Sub CmdPrint_Click()
Label7.Caption = Form1.Label76.Caption
MousePointer = vbHourglass
DoEvents
optFitToPrinter.Visible = False
optNormal.Visible = False
CmdPrint.Visible = False
CmdMakbuz.Visible = False
' Picture2.Visible = False
' Display a preview.
' Form2.AutoRedraw = True
' PrintPictureBoxImage Form2, Picture1, optFitToPrinter.Value
' Form2.Show
' Print.
    Printer.Orientation = vbPRORPortrait
    For say = 1 To 3
        PrintPictureBoxImage Printer, Picture2
        Printer.EndDoc
    Next say
    CmdPrint.Visible = True
    MousePointer = vbDefault
Form9.Show
End Sub

```

```

Private Sub Form_Load()
On Error Resume Next
    cn.ConnectionString = "provider=Microsoft.Jet.OLEDB.4.0;data
source=C:\yasa362005\esas1.mdb;"
    cn.Open
    Debug.Print "Connection Object Created"
    rs.Open "Select * from data", cn, adOpenDynamic, adLockOptimistic
    Debug.Print "Recordset Object Created"
    rs1.Open "Select * from aktifkayit", cn, adOpenDynamic, adLockOptimistic
    Debug.Print "Recordset Object Created"
' Call Clear
strg3 = " Select * from aktifkayit where tukno = "" & Form1.Label76.Caption & " "
    Set dbs3 = OpenDatabase("C:\yasa362005\esas1.mdb")
    Set temp3 = dbs3.OpenRecordset(strg3, dbOpenDynaset)
    If temp3.EOF = True Then
        ' MsgBox "BU KAYIT BULUNAMAMISTIR", vbExclamation, "HATA!"
        ' Form1.Label76.Caption = ""
        ' Form1.Lab
        Else
            Label7.Caption = temp3("tukno").Value
            Label7.Caption = Form1.Label76.Caption
            Label11.Caption = temp3("kimlik").Value
            Label12.Caption = temp3("tel").Value
            Label10.Caption = temp3("tarih").Value
        ' Label51.Caption = temp3("kod").Value
            Label25.Caption = temp3("sonbakiye").Value
            Label27.Caption = temp3("songz").Value
            Label28.Caption = temp3("gz04").Value
            Label29.Caption = temp3("bak04").Value
            Label30.Caption = temp3("y80").Value
            Label31.Caption = temp3("y20").Value
            Label32.Caption = temp3("top0405").Value
            Label33.Caption = temp3("y10").Value
            Label34.Caption = temp3("toptah").Value
            Label35.Caption = temp3("taksay").Value
            taksit.Caption = temp3("aytak").Value
    End If

strg2 = " Select * from data where tukno = "" & Form1.Label76.Caption & " "
    Set dbs2 = OpenDatabase("C:\yasa362005\esas1.mdb")
    Set temp2 = dbs2.OpenRecordset(strg2, dbOpenDynaset)
    If temp2.EOF = True Then
        ' MsgBox "BU KAYIT BULUNAMAMISTIR", vbExclamation, "HATA!"
        ' Text1.Text = ""
        ' Form1.Text1.SetFocus
        Else
            Label8.Caption = temp2("isim").Value
            Label9.Caption = temp2("adres").Value
            Label26.Caption = temp2("gz").Value
    End If

```

```
End Sub  
  
Private Sub Picture2_Click()  
End Sub.
```

### **Code for FORM – 1.12**

```
Option Explicit  
Dim cn As New ADODB.Connection  
Dim rs As New ADODB.Recordset  
Dim rs1 As New ADODB.Recordset  
  
Private Declare Function MapVirtualKey Lib "user32" Alias "MapVirtualKeyA" (ByVal  
wCode As Long, ByVal wMapType As Long) As Long  
  
Private Declare Sub keybd_event Lib "user32" (ByVal bVk As Byte, ByVal bScan As Byte,  
ByVal dwFlags As Long, ByVal dwExtraInfo As Long)  
Private Const VK_MENU = &H12  
Private Const VK_SNAPSHOT = &H2C  
Private Const KEYEVENTF_KEYUP = &H2  
  
Private Declare Function ClientToScreen Lib "user32" (ByVal hWnd As Long, lpPoint As  
POINTAPI) As Long  
Private Declare Function ScreenToClient Lib "user32" (ByVal hWnd As Long, lpPoint As  
POINTAPI) As Long  
Private Type POINTAPI  
    X As Long  
    Y As Long  
End Type  
' Print an image of the control and any  
' controls on top of it.  
' Be sure the form containing the control has  
' the focus before you call this routine.  
Private Sub PrintPictureBoxImage(ByVal ptr As Object, ByVal pic As PictureBox, Optional  
ByVal fit_to_printer = False)  
    Dim pic_parent As Form  
    Dim parent_x As Single  
    Dim parent_y As Single  
    Dim pic_pt As POINTAPI  
    Dim pic_x1 As Single  
    Dim pic_y1 As Single  
    Dim xmin As Single  
    Dim ymin As Single  
    Dim wid As Single  
    Dim hgt As Single  
    Dim aspect As Single  
    Dim pic_wid As Single
```

```

Dim pic_hgt As Single
' Copy the form's image to the clipboard.
' Press Alt.
keybd_event VK_MENU, 0, 0, 0
DoEvents
' Press Print Scrn.
' keybd_event VK_SNAPSHOT, 1, 0, 0
keybd_event VK_SNAPSHOT, 0, 0, 0
DoEvents

' Release Alt.
keybd_event VK_MENU, 0, KEYEVENTF_KEYUP, 0
DoEvents

' Copy the image into the hidden PictureBox.
picHidden.Picture = Clipboard.GetData(vbCFBitmap)

' Get the form's location on the screen in pixels.
Set pic_parent = pic.Parent
parent_x = ScaleX(pic_parent.Left, vbTwips, vbPixels)
parent_y = ScaleY(pic_parent.Top, vbTwips, vbPixels)

' Find the control's location on the screen in pixels.
pic_pt.X = 0
pic_pt.Y = 0
ClientToScreen pic.hWnd, pic_pt

' Find the location of the control inside the parent form
' in pixels.
pic_x1 = pic_pt.X - parent_x
pic_y1 = pic_pt.Y - parent_y

' Convert into the printer's scale mode.
pic_x1 = ScaleX(pic_x1, vbPixels, ptr.ScaleMode)
pic_y1 = ScaleY(pic_y1, vbPixels, ptr.ScaleMode)

' Get the picture's size in the printer's scale mode.
pic_wid = ScaleX(pic.ScaleWidth, pic.ScaleMode, ptr.ScaleMode)
pic_hgt = ScaleY(pic.ScaleHeight, pic.ScaleMode, ptr.ScaleMode)

' Print the image.
If Not fit_to_printer Then
    ' Center the image.
    wid = pic_wid
    hgt = pic_hgt
    xmin = (ptr.ScaleWidth - wid) / 3
    ymin = (ptr.ScaleHeight - hgt) / 8
Else
    ' Make the image as large as possible
    ' without distortion.

```

```

aspect = pic_hgt / pic_wid
wid = ptr.ScaleWidth
hgt = ptr.ScaleHeight
If hgt / wid > aspect Then
    hgt = aspect * wid
    xmin = ptr.ScaleLeft
    ymin = (ptr.ScaleHeight - hgt) / 8
Else
    wid = hgt / aspect
    xmin = (ptr.ScaleWidth - wid) / 3
    ymin = ptr.ScaleTop
End If
End If

' Print.
ptr.PaintPicture picHidden.Picture, _
    xmin, ymin, wid, hgt, _
    pic_x1, pic_y1, pic_wid, pic_hgt
End Sub
Private Sub CmdPrint_Click()
Label1.Caption = Form8.Label7.Caption
MousePointer = vbHourglass
DoEvents
optFitToPrinter.Visible = False
optNormal.Visible = False
CmdPrint.Visible = False
Label7.Visible = False
'Picture2.Visible = False
'Display a preview.
'Form2.AutoRedraw = True
'PrintPictureBoxImage Form2, Picture1, optFitToPrinter.Value
'Form2.Show
'Print.
Printer.Orientation = vbPRORPortrait
PrintPictureBoxImage Printer, Picture1
Printer.EndDoc
CmdPrint.Visible = True
MousePointer = vbDefault
'-----
Unload Me
Unload Form8
End Sub
Private Sub Form_Load()
On Error Resume Next
cn.ConnectionString = "provider=Microsoft.Jet.OLEDB.4.0;data" &
    "source=C:\yasa362005\esas1.mdb;"
cn.Open
Debug.Print "Connection Object Created"

rs.Open "Select * from data", cn, adOpenDynamic, adLockOptimistic

```

```

Debug.Print "Recordset Object Created"

rs1.Open "Select * from aktifkayit", cn, adOpenDynamic, adLockOptimistic
Debug.Print "Recordset Object Created"
' Call Clear
strg3 = " Select * from aktifkayit where tukno = "" & Form8.Label7.Caption & """
Set dbs3 = OpenDatabase("C:\yasa362005\esas1.mdb")
Set temp3 = dbs3.OpenRecordset(strg3, dbOpenDynaset)
If temp3.EOF = True Then
' MsgBox "BU KAYIT BULUNAMAMISTIR", vbExclamation, "HATA!"
' Form1.Label76.Caption = ""
Else
' Label7.Caption = temp3("tukno").Value
Label1.Caption = Form8.Label7.Caption
Label5.Caption = temp3("tarih").Value
Label3.Caption = temp3("kod").Value
Label4.Caption = temp3("fatno").Value
If Label3.Caption = "P" Then
    Label6.Caption = Form8.Label32.Caption
' Label7.Caption = ""
ElseIf Label3.Caption = "Y" Then
    Label6.Caption = Form8.Label33.Caption
' Label7.Caption = ""
End If
End If
strg2 = " Select * from data where tukno = "" & Form8.Label7.Caption & """
Set dbs2 = OpenDatabase("C:\yasa362005\esas1.mdb")
Set temp2 = dbs2.OpenRecordset(strg2, dbOpenDynaset)
If temp2.EOF = True Then
' MsgBox "BU KAYIT BULUNAMAMISTIR", vbExclamation, "HATA!"
' Text1.Text = ""
Form1.Text1.SetFocus
Else
    Label2.Caption = temp2("isim").Value
End If
End Sub

```

Private Sub Picture1\_Click()

End Sub