

**NEAR EAST UNIVERSITY**



**Faculty of Engineering**

**Department of Computer Engineering**

**Bus Transportation Programming  
System with Delphi**

**Graduation Project  
COM – 400**

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## **ABSTRACT**

Data, gathered around us as a collection of facts, is of no use unless it is organized and represented in some meaningful form. Data represented in some meaningful form like, tables, charts, or graphs become information, which can be easily processed. The collection of data, usually referred to as the database, contains information about one particular enterprise. These days databases are used by a variety of users and organizations, which are important tools in processing DBMS, which are designed to manage large amount of data.

This project as its goal to develop a software, processing information about the activities of a bus travel agent company. The developed software in this project consists of many parts which is about organizing bus ploys for the company.

## INTRODUCTION

Nowadays, around the world we meet new technologies everyday. The technologies are entered to every phase of our daily life. Therefore, people needed to develop hardware and software solutions.

Saving and using time efficiently are so important today life. Therefore the automation is became a main part of our lifes. The people use automation systems in everywhere. My software is a Bus Transportation program. This automation is used keeping the information about the receiving, arrival and deperture buses information, entering location information for coming and going from to any cities to any cities, and rezerving, selling tickets. And also give report for some operations. Bus Transportation is used any bus travel agency to storage databases.

In my project the main goal is developing a friendly user interface. Generally, it lets to the operator to manage the ploys, ticket operations, and the bus ploys' directions, easily.

# **CHAPTER 1**

## **DELPHI**

### **1.1 INTRODUCTION TO DELPHI**

Although I am not the most experienced or knowledgeable person on the forums. I thought it was time to write a good introductory article for Delphi beginners.

Delphi is a Rapid Application Development (RAD) environment. It allows you to drag and drop components on to a blank canvas to create a program. Delphi will also allow you to use write console based DOS like programs.

Delphi is based around the Pascal language but is more developed object oriented derivate. Unlike Visual Basic, Delphi uses punctuation in its basic syntax to make the program easily readable and to help the compiler sort the code. Although Delphi code is not case sensitive there is a generally accepted way of writing Delphi 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.

For the purposes of this series I will be using Delphi 6. There are more recent versions available however Delphi 6 should be available inexpensively compared to the new versions which will set you back a lot of money. Delphi 6 will more than likely be available in a magazine for free.

### **1.2 FIRST DELPHI PROGRAM**

First thing is first, fire up your copy of Delphi and open the Project > Options menu. To compile a console application you need to change a setting on the Linker tab called 'Generate console application', check the box and click OK. Now select File > Close All if anything is already loaded.



Then select File > New > Other > Console Application.

You should have something like this:

Delphi Code:

```
program Project1;
```

```
{ $APPTYPE CONSOLE }
```

```
uses
```

```
  SysUtils;
```

```
begin
```

```
  { TODO -oUser -cConsole Main : Insert code here }
```

```
end.
```

Notice the first line refers to the keyword program. You can rename this to HelloWorld.

You can also remove the commented portion enclosed in curly brackets.

The uses keyword allows you to list all units that you want to use in the program. At the moment just leave it as it is, SysUtils is all we need.

Your unit should now look like this:

Delphi Code:

```
program HelloWorld;
```

```
{ $APPTYPE CONSOLE }
```

```
uses
```

```
  SysUtils;
```

```
begin
```

```
end.
```

Now what we have just done is written a program, it currently doesn't do a thing however. Hit the run button and see the result. Now wasn't that completely worthless.

Luckily this isn't the end of the article so we'll actually have a worthwhile program at the end of it. All we need to do is insert some code in the main procedure we have just made.

Every good programmer's first program was 'Hello World' and you'll be no exception. All we need to do is use the WriteLn procedure to write 'Hello World!' to the console, simple.

Delphi Code:

```
program HelloWorld;
```

```
{$APPTYPE CONSOLE}
```

```
uses
```

```
    SysUtils;
```

```
begin
```

```
    WriteLn('Hello World!')
```

```
end.
```

Notice the semicolon at the end of the line, at the end of any statement you need to add a semicolon. Run the program and see the results...

Now I don't know about you but I saw hello world flash up and go away in a second, if you didn't write the program you wouldn't even know what it said. To solve this problem we need to tell the program to leave the console open until the user is ready to close it. We can use ReadLn for this which reads the users input from the console.

Delphi Code:

```
program HelloWorld;
```

```
{$APPTYPE CONSOLE}
```

```
uses
```

```
  SysUtils;
```

```
begin
```

```
  WriteLn('Hello World!' + #13#10 + #13#10 +
```

```
    'Press RETURN to end...');
```

```
  ReadLn;
```

```
end.
```

I have added a few extra things into the 'Hello World' string so the user knows what to do to end the program as it could be a bit confusing. '#13#10' is to insert a carriage return as 13 and 10 are the ASCII codes for a carriage return followed by a new line feed. ASCII can be inserted in this way into strings.

### 1.3 DELPHI STYLE

You mean fashion? No, not which colour is this seasons black. I mean you coding style, the way you format your code and the way in which you present it on the page.

Q - At the end of the day who cares about my style, I can read it, and Delphi strips all the spaces out of it and doesn't care if I indent. Why waste my time?

A - Good question. Neatly present code which conforms to the accepted standards not only makes your code much easier for you to read and debug but also but any one else who might read your code to help you, or learn from you can do so with ease. After all which code is easier to follow, example 1 or 2?

Delphi Code:

```
// Example 1
procedure xyz();
var
x,y,z,a:integer;
begin
x:=1;y:=2;
for z:=x to y do begin
a:=power(z,y);
showmessage(inttostr(a));
end;
end;
```

Delphi Code:

```
// Example 2
procedure XYZ();
var
X,Y,Z,A: Integer;
begin
  X := 1;
  Y := 2;
  for Z := X to Y do
  begin
    A := Power(Z, Y);
    ShowMessage(IntToStr(A));
  end; // for end
end; // procedure end
```

I think we'd both agree that although both examples do the same thing example two is set out in an easy to read manner where as example 1 is a mess.



To learn more about how to style you code take a look at BDN's Object Pascal Style Guide outlining the conventions set by the Delphi Team.

You see what power is - holding someone else's fear in your hand and showing it to them!

## **1.4 INTRODUCTION TO DESIGN PATTERNS IN DELPHI**

Design patterns are frequently recurring structures and relationships in object-oriented design. Getting to know them can help you design better, more reusable code and also help you learn to design more complex systems.

Much of the ground-breaking work on design patterns was presented in the book Design Patterns: Elements of Reusable Object-Oriented Software by Gamma, Helm, Johnson and Vlissides. You might also have heard of the authors referred to as "the Gang of Four". If you haven't read this book before and you're designing objects, it's an excellent primer to help structure your design. To get the most out of these examples, I recommend reading the book as well.

This paper takes some sample patterns from Design Patterns and discusses their implementation in Delphi.

Another good source of pattern concepts is the book Object Models: Strategies, Patterns and Applications by Peter Coad. Coad's examples are more business oriented and he emphasises learning strategies to identify patterns in your own work.

## **1.5 HOW DELPHI HELPS YOU DEFINE PATTERNS**

Delphi implements a fully object-oriented language with many practical refinements that simplify development.

A summary of Delphi class concepts can be found in the following [appendix](#).

The most important class attributes from a pattern perspective are the basic inheritance of classes; virtual and abstract methods; and use of protected and public scope. These give you the tools to create patterns that can be reused and extended, and let you isolate varying functionality from base attributes that are unchanging.

Delphi is a great example of an extensible application, through its component architecture, IDE interfaces and tool interfaces. These interfaces define many virtual and abstract constructors and operations.

### 1.5.1 Delphi Examples of Design Patterns

I should note from the outset, there may be alternative or better ways to implement these patterns and I welcome your suggestions on ways to improve the design. The following patterns from the book Design Patterns are discussed and illustrated in Delphi to give you a starting point for implementing your own Delphi patterns.

Pattern Name	Definition
Singleton	"Ensure a class has only one instance, and provide a global point of access to it."
Adapter	"Convert the interface of a class into another interface clients expect. Adapter lets classes work together that couldn't otherwise because of incompatible interfaces."
Template Method	"Define the skeleton of an algorithm in an operation, deferring some steps to subclasses. Template Method lets subclasses redefine certain steps of an algorithm without changing the algorithm's structure."
Builder	"Separate the construction of a complex object from its representation so that the same construction process can create different representations."

Abstract Factory	"Provide an interface for creating families of related or dependant objects without specifying their concrete classes."
Factory Method	"Define an interface for creating an object, but let subclasses decide which class to instantiate. Factory method lets a class defer instantiation to subclasses."

Note: These definitions are taken from Design Patterns.

### **1.5.2 Pattern: Singleton**

Definition : "Ensure a class has only one instance, and provide a global point of access to it."

This is one of the easiest patterns to implement.

#### **1.5.2.1 Applications in Delphi**

There are several examples of this sort of class in the Delphi VCL, such as TApplication, TScreen or TClipboard. The pattern is useful whenever you want a single global object in your application. Other uses might include a global exception handler, application security, or a single point of interface to another application.

#### **1.5.2.2 Implementation Example**

To implement a class of this type, override the constructor and destructor of the class to refer to a global (interface) variable of the class.

Abort the constructor if the variable is assigned, otherwise create the instance and assign the variable.

In the destructor, clear the variable if it refers to the instance being destroyed.

Note: To make the creation and destruction of the single instance automatic, include its creation in the initialization section of the unit. To destroy the instance, include its destruction in an ExitProc (Delphi 1) or in the finalization section of the unit (Delphi 2).



The following Delphi 1 example illustrates two singleton classes, one derived from TComponent and another derived from TObject.

```
unit Singletn;
```

```
interface
```

```
uses
```

```
SysUtils, WinTypes, WinProcs, Messages, Classes, Graphics, Controls,
```

```
Forms, Dialogs;
```

```
type
```

```
TCSingleton = class(TComponent)
```

```
public
```

```
  constructor Create(AOwner: TComponent); override;
```

```
  destructor Destroy; override;
```

```
end;
```

```
TOSingleton = class(TObject)
```

```
public
```

```
  constructor Create;
```

```
  destructor Destroy; override;
```



end;

var

Global\_CSingleton: TCSingleton;

Global\_OSingleton: TOSingleton;

procedure Register;

implementation

procedure Register;

begin

RegisterComponents('Design Patterns', [TCSingleton]);

end;

{ TCSingleton }

constructor TCSingleton.Create(AOwner: TComponent);

begin

if Global\_CSingleton <> nil then

{NB could show a message or raise a different exception here}

Abort

else begin

inherited Create(AOwner);

Global\_CSingleton := Self;

end;

end;

destructor TCSingleton.Destroy;

begin

if Global\_CSingleton = Self then

Global\_CSingleton := nil;

inherited Destroy;

end;

{ TOSingleton }

constructor TOSingleton.Create;

begin

if Global\_OSingleton <> nil then

{NB could show a message or raise a different exception here}

Abort

else

Global\_OSingleton := Self;

end;

destructor TOSingleton.Destroy;

begin

if Global\_OSingleton = Self then

Global\_OSingleton := nil;

inherited Destroy;

end;

procedure FreeGlobalObjects; far;

begin

if Global\_CSingleton  $\neq$  nil then

Global\_CSingleton.Free;

if Global\_OSingleton  $\neq$  nil then

Global\_OSingleton.Free;

end;

begin

AddExitProc(FreeGlobalObjects);

end.

### **1.5.3 Pattern: Adapter**

Definition : "Convert the interface of a class into another interface clients expect. Adapter lets classes work together that couldn't otherwise because of incompatible interfaces."

A typical example of this is the wrapper Delphi generates when you import a VBX or OCX. Delphi generates a new class which translates the interface of the external control into a Pascal compatible interface. Another typical case is when you want to build a single interface to old and new systems.

Note Delphi does not allow class adaption through multiple inheritance in the way described in Design Patterns. Instead, the adapter needs to refer to a specific instance of the old class.

#### **1.5.3.1 Implementation Example**

The following example is a simple (read only) case of a new customer class, an adapter class and an old customer class. The adapter illustrates handling the year 2000 problem, translating an old customer record containing two digit years into a new date format. The client using this wrapper only knows about the new customer class. Translation between classes is handled by the use of virtual access methods for the properties. The old customer class and adapter class are hidden in the implementation of the unit.

unit Adapter;

interface



uses SysUtils, Classes;

type

{ The new class }

TNewCustomer = class

private

FCustomerID: Longint;

FFirstName: string;

FLastName: string;

FDOB: TDateTime;

protected

function GetCustomerID: Longint; virtual;

function GetFirstName: string; virtual;

function GetLastName: string; virtual;

function GetDOB: TDateTime; virtual;

public

constructor Create(CustID: Longint); virtual;

property CustomerID: Longint read GetCustomerID;

property FirstName: string read GetFirstName;

property LastName: string read GetLastName;

property DOB: TDateTime read GetDOB;

end;

{ An interface method }

{ Lets us hide details of TOldCustomer from the client }

function GetCustomer(CustomerID: Longint): TNewCustomer;

implementation

const

Last\_OldCustomer\_At\_Year\_2000 = 15722;

Last\_OldCustomer\_In\_Database = 30000;

{ The new class }

constructor TNewCustomer.Create(CustID: Longint);

begin

FCustomerID := CustID;

FFirstName := 'A';

FLastName := 'New\_Customer';

```
FDOB := Now;
```

```
end;
```

```
function TNewCustomer.GetCustomerID: Longint;
```

```
begin
```

```
    Result := FCustomerID;
```

```
end;
```

```
function TNewCustomer.GetFirstName: string;
```

```
begin
```

```
    Result := FFirstName;
```

```
end;
```

```
function TNewCustomer.GetLastName: string;
```

```
begin
```

```
    Result := FLastName;
```

```
end;
```

```
function TNewCustomer.GetDOB: TDateTime;
```

```
begin
```

```
    Result := FDOB;
```

end;

type

{ The old class }

TOldDOB = record

Day: 0..31;

Month: 1..12;

Year: 0..99;

end;

TOldCustomer = class

FCustomerID: Integer;

FName: string;

FDOB: TOldDOB;

public

constructor Create(CustID: Integer);

property CustomerID: Integer read FCustomerID;

property Name: string read FName;

property DOB: TOldDOB read FDOB;



```

end;
constructor TOldCustomer.Create(CustID: Integer);

begin
    FCustomerID := CustID;

    FName := 'An Old_Customer';

    with FDOB do begin

        Day := 1;

        Month := 1;

        Year := 1;

    end;

end;

type

    { The Adapter class }

    TAdaptedCustomer = class(TNewCustomer)

    private

        FOldCustomer: TOldCustomer;

    protected

        function GetCustomerID: Longint; override;

```

```
function GetFirstName: string; override;
```

```
function GetLastName: string; override;
```

```
function GetDOB: TDateTime; override;
```

```
public
```

```
constructor Create(CustID: Longint); override;
```

```
destructor Destroy; override;
```

```
end;
```

```
{ The Adapter class }
```

```
constructor TAdaptedCustomer.Create(CustID: Longint);
```

```
begin
```

```
inherited Create(CustID);
```

```
FOldCustomer := TOldCustomer.Create(CustID);
```

```
end;
```

```
destructor TAdaptedCustomer.Destroy;
```

```
begin
```

```
FOldCustomer.Free;
```

inherited Destroy;

end;

function TAdaptedCustomer.GetCustomerID: Longint;

begin

Result := FOldCustomer.CustomerID;

end;

function TAdaptedCustomer.GetFirstName: string;

var

SpacePos: integer;

begin

SpacePos := Pos(' ', FOldCustomer.Name);

if SpacePos = 0 then

Result := "

else

Result := Copy(FOldCustomer.Name, 1, SpacePos-1);

end;

function TAdaptedCustomer.GetLastName: string;

var

SpacePos: integer;

begin

SpacePos := Pos(' ', FOldCustomer.Name);

if SpacePos = 0 then

Result := FOldCustomer.Name

else

Result := Copy(FOldCustomer.Name, SpacePos+1, 255);

end;

function TAdaptedCustomer.GetDOB: TDateTime;

var

FullYear: Word;

begin

if CustomerID > Last\_OldCustomer\_At\_Year\_2000 then

FullYear := 2000 + FOldCustomer.DOB.Year

else

FullYear := 1900 + FOldCustomer.DOB.Year;



```
Result          EncodeDate(FullYear,      FOldCustomer.DOB.Month,  
FOldCustomer.DOB.Day);
```

```
end;
```

```
function GetCustomer(CustomerID: Longint): TNewCustomer;
```

```
begin
```

```
  if CustomerID > Last_OldCustomer_In_Database then
```

```
    Result := TNewCustomer.Create(CustomerID)
```

```
  else
```

```
    Result := TAdaptedCustomer.Create(CustomerID) as TNewCustomer;
```

```
end;
```

```
end.
```

#### **1.5.4 Pattern: Template Method**

Definition: "Define the skeleton of an algorithm in an operation, deferring some steps to subclasses. Template Method lets subclasses redefine certain steps of an algorithm without changing the algorithm's structure."

This pattern is essentially an extension of abstract methods to more complex algorithms.

##### **1.5.4.1 Applications in Delphi**

Abstraction is implemented in Delphi by abstract virtual methods. Abstract methods differ from virtual methods by the base class not providing any implementation. The

descendant class is completely responsible for implementing an abstract method. Calling an abstract method that has not been overridden will result in a runtime error.

A typical example of abstraction is the TGraphic class.

TGraphic is an abstract class used to implement TBitmap, TIcon and TMetafile. Other developers have frequently used TGraphic as the basis for other graphics objects such as PCX, GIF, JPG representations. TGraphic defines abstract methods such as Draw, LoadFromFile and SaveToFile which are then overridden in the concrete classes. Other objects that use TGraphic, such as a TCanvas only know about the abstract Draw method, yet are used with the concrete class at runtime.

Many classes that use complex algorithms are likely to benefit from abstraction using the template method approach. Typical examples include data compression, encryption and advanced graphics processing.

#### Implementation Example

To implement template methods you need an abstract class and concrete classes for each alternate implementation. Define a public interface to an algorithm in an abstract base class. In that public method, implement the steps of the algorithm in calls to protected abstract methods of the class. In concrete classes derived from the base class, override each step of the algorithm with a concrete implementation specific to that class.

This example shows some very simple algorithm steps, but illustrates the principle of deferring implementation to a subclass.

```
unit Tpl_meth;
```

```
interface
```

```
type
```

```
TAbstractTemplateClass = class(TObject)
```

protected

function Algorithm\_StepA: Integer; virtual; abstract;

function Algorithm\_StepB: Integer; virtual; abstract;

function Algorithm\_StepC: Integer; virtual; abstract;

public

function Algorithm: Integer;

end;

TConcreteClassA = class(TAbstractTemplateClass)

protected

function Algorithm\_StepA: Integer; override;

function Algorithm\_StepB: Integer; override;

function Algorithm\_StepC: Integer; override;

end;

TConcreteClassB = class(TAbstractTemplateClass)

protected

function Algorithm\_StepA: Integer; override;

function Algorithm\_StepB: Integer; override;



```
function Algorithm_StepC: Integer; override;
```

```
end;
```

### **1.5.5 Pattern: Builder**

Definition : "Separate the construction of a complex object from its representation so that the same construction process can create different representations."

A Builder seems similar in concept to the Abstract Factory. The difference as I see it is the Builder refers to single complex objects of different concrete classes but containing multiple parts, whereas the abstract factory lets you create whole families of concrete classes. For example, a builder might construct a house, cottage or office. You might employ a different builder for a brick house or a timber house, though you would give them both similar instructions about the size and shape of the house. On the other hand the factory generates parts and not the whole. It might produce a range of windows for buildings, or it might produce a quite different range of windows for cars.

#### **1.5.5.1 Applications in Delphi**

The functionality used in Delphi's VCL to create forms and components is similar in concept to the builder. Delphi creates forms using a common interface, through `Application.CreateForm` and through the `TForm` class constructor. `TForm` implements a common constructor using the resource information (DFM file) to instantiate the components owned by the form. Many descendant classes reuse this same construction process to create different representations. Delphi also makes developer extensions easy. `TForm`'s `OnCreate` event also adds a hook into the builder process to make the functionality easy to extend.

#### **1.5.5.2 Implementation Example**

The following example includes a class `TAbstractFormBuilder` and two concrete classes `TRedFormBuilder` and `TBlueFormBuilder`. For ease of development some common

functionality of the concrete classes has been moved into the shared TAbstractFormBuilder class.

type

TAbstractFormBuilder = class

private

FForm: TForm;

procedure BuilderFormClose(Sender: TObject; var Action: TCloseAction);

protected

function GetForm: TForm; virtual;

public

procedure CreateForm(AOwner: TComponent); virtual;

procedure CreateSpeedButton; virtual; abstract;

procedure CreateEdit; virtual; abstract;

procedure CreateLabel; virtual; abstract;

property Form: TForm read GetForm;

end;

type

TRedFormBuilder = class(TAbstractFormBuilder)



private

FNextLeft, FNextTop: Integer;

public

procedure CreateForm(AOwner: TComponent); override;

procedure CreateSpeedButton; override;

procedure CreateEdit; override;

procedure CreateLabel; override;

end;

type

TBlueFormBuilder = class(TAbstractFormBuilder)

private

FNextLeft, FNextTop: Integer;

public

procedure CreateForm(AOwner: TComponent); override;

procedure CreateSpeedButton; override;

procedure CreateEdit; override;

procedure CreateLabel; override;

end;

At runtime the client application instructs one of the concrete classes to create parts using the public part creation procedures. The concrete builder instance is passed to the following procedure:

```
procedure                      TForm1.Create3ComponentFormUsingBuilder(ABuilder:
TAbstractFormBuilder);
```

```
var
```

```
    NewForm: TForm;
```

```
begin
```

```
    with ABuilder do begin
```

```
        CreateForm(Application);
```

```
        CreateEdit;
```

```
        CreateSpeedButton;
```

```
        CreateLabel;
```

```
        NewForm := Form;
```

```
        if NewForm <> nil then NewForm.Show;
```

```
    end;
```

```
end;
```

### 1.5.6 Pattern: Abstract Factory

Definition: "Provide an interface for creating families of related or dependant objects without specifying their concrete classes."

The Factory Method pattern below is commonly used in this pattern.

#### 1.5.6.1 Applications in Delphi

This pattern is ideal where you want to isolate your application from the implementation of the concrete classes. For example if you wanted to overlay Delphi's VCL with a common VCL layer for both 16 and 32 bit applications, you might start with the abstract factory as a base.

#### 1.5.6.2 Implementation Example

The following example uses an abstract factory and two concrete factory classes to implement different styles of user interface components. TOAbstractFactory is a singleton class, since we usually want one factory to be used for the whole application.

```
TOAbstractFactory = class(TObject)
```

```
public
```

```
    constructor Create;
```

```
    destructor Destroy; override;
```

```
    { abstract widget constructors }
```

```
    function CreateSpeedButton(AOwner: TComponent): TSpeedButton; virtual;  
abstract;
```

```
    function CreateEdit(AOwner: TComponent): TEdit; virtual; abstract;
```

```
function CreateLabel(AOwner: TComponent): TLabel; virtual; abstract;
```

```
end;
```

TORedFactory and TOBlueFactory override the abstract interface to support different widget styles.

```
TORedFactory = class(TOAbstractFactory)
```

```
public
```

```
{ concrete widget constructors }
```

```
function CreateSpeedButton(AOwner: TComponent): TSpeedButton; override;
```

```
function CreateEdit(AOwner: TComponent): TEdit; override;
```

```
function CreateLabel(AOwner: TComponent): TLabel; override;
```

```
end;
```

```
TOBlueFactory = class(TOAbstractFactory)
```

```
public
```

```
{ concrete widget constructors }
```

```
function CreateSpeedButton(AOwner: TComponent): TSpeedButton; override;
```

```
function CreateEdit(AOwner: TComponent): TEdit; override;
```



```
function CreateLabel(AOwner: TComponent): TLabel; override;
```

```
end;
```

At runtime, our client application instantiates the abstract factory with a concrete class and then uses the abstract interface. Parts of the client application that use the factory don't need to know which concrete class is actually in use.

### **1.5.7 Pattern: Factory Method**

Definition : "Define an interface for creating an object, but let subclasses decide which class to instantiate. Factory method lets a class defer instantiation to subclasses."

The Abstract Factory pattern can be viewed as a collection of Factory Methods.

#### **1.5.7.1 Applications in Delphi**

This pattern is useful when you want to encapsulate the construction of a class and isolate knowledge of the concrete class from the client application through an abstract interface.

One example of this might arise if you had an object oriented business application potentially interfacing to multiple target DBMS. The client application only wants to know about the business classes, not about their implementation-specific storage and retrieval.

#### **1.5.7.2 Implementation Example**

In the Abstract Factory example, each of the virtual widget constructor functions is a Factory Method. In their implementation we define a specific widget class to return.

```
TRedSpeedButton = class(TSpeedButton)
```

```
public
```



```

    constructor Create(AOwner: TComponent); override;

end;

constructor TRedSpeedButton.Create(AOwner: TComponent);

begin

    inherited Create(AOwner);

    Font.Color := clRed;

end;

function TRedFactory.CreateSpeedButton(AOwner: TComponent): TSpeedButton;

begin

    Result := TRedSpeedButton.Create(AOwner);

end;

```

## **1.6 APPENDIX : Key Elements of Delphi Class Definitions**

### **1.6.1 Unit Structure**

Delphi units (.PAS files) allow declaration of interface and implementation sections. The interface defines the part that is visible to other units using that unit. The keyword `uses` can be added to a unit's interface or implementation section to list the other units that your unit uses. This indicates to the compiler that your unit refers to parts of the used unit's interface. Parts of a unit declared in the implementation section are all private to that unit, i.e. never visible to any other unit. Types, functions and procedures

declared in the interface of a unit must have a corresponding implementation, or be declared as external (e.g. a call to a function in a DLL).

### **1.6.2 Class Interfaces**

Classes are defined as types in Delphi and may contain fields of standard data types or other objects, methods declared as functions or procedures, and properties. The type declaration of a class defines its interface and the scope of access to fields, methods and properties of the class. Class interfaces are usually defined in the interface of a unit to make them accessible to other modules using that unit. However they don't need to be. Sometimes a type declaration of a class may be used only within the implementation part of a unit.

### **1.6.3 Properties**

Properties are a specialised interface to a field of a defined type, allowing access control through read and write methods. Properties are not virtual, you can replace a property with another property of the same name, but the parent class doesn't know about the new property. It is however possible to make the access methods of a property virtual.

### **1.6.4 Inheritance**

Delphi's inheritance model is based on a single hierarchy. Every class inherits from TObject and can have only one parent.

A descendant class inherits all of the interface and functionality of its parent class, subject to the scope described below.

Multiple inheritance from more than one parent is not allowed directly. It can be implemented by using a container class to create instances one or more other classes and selectively expose parts of the contained classes.

Private, Protected, Public and Published Scope

Scope refers to the visibility of methods and data defined in the interface of a class, i.e. what parts of the class are accessible to the rest of the application or to descendant classes.

The default scope is public, for instance the component instances you add to a form at design time. Public says "come and get me"; it makes the data or method visible to everything at runtime.

Published parts of a class are a specialized form of Public scope. They indicate special behaviour for classes derived from TPersistent. A persistent class can save and restore its published properties to persistent storage using Delphi's standard streaming methods. Published properties also interact with Delphi Object Inspector in the IDE. A class must descend from TPersistent in order to use Published. There's also not much point in publishing methods, since you can't store them, although Delphi's compiler doesn't stop you. Published also lets another application access details of the class through Delphi's runtime type information. This would be rarely used, except in Delphi's design time interaction with its VCL.

Encapsulation or information hiding is essential to object orientation, so Protected and Private scope let you narrow the access to parts of a class.

Protected parts are visible only to descendant classes, or to other classes defined in the same unit.

Private parts are visible only to the defining class, or to other classes defined in the same unit.

It's important to note that once something is given public or published scope, it cannot be hidden in descendant classes.

#### Static, Virtual and Dynamic Methods; Override and Inherited

Methods declared as virtual or dynamic let you change their behaviour using override in a descendant class. You're unlikely to see a virtual method in the private part of a class, since it could only be overridden in the same unit, although Delphi's compiler doesn't stop you from doing this.



Override indicates that your new method replaces the method of the same name from the parent class. The override must be declared with the same name and parameters as the original method.

When a method is overridden, a call to the parent class's method actually executes the override method in the real class of the object.

Static methods on the other hand have no virtual or override declaration. You can replace a method of a class in a descendant class by redeclaring another method, however this is not object oriented. If you reference your descendant class as the parent type and try to call the replaced method, the static method of the parent class is executed. So in most cases, it's a bad idea to replace a static method.

Virtual and dynamic methods can be used interchangeably. They differ only in their treatment by the compiler and runtime library. Delphi's help explains that dynamic methods have their implementation resolved at compile time and run slightly faster, whereas virtual methods are resolved at runtime, resulting in slightly slower access but a smaller compiled program. Virtual is usually the preferred declaration. Delphi's help suggests using dynamic when you have a base class with many descendants that may not override the method.

The inherited directive lets you refer back to a property or method as it was declared in the parent class. This is most often used in the implementation of an override method, to call the inherited method of the parent class and then supplement its behaviour.

### **1.6.5 Abstract Methods**

Abstract is used in base classes to declare a method in the interface and defer its implementation to a descendant class. I.e. it defines an interface, but not the underlying operation. Abstract must be used with the virtual or dynamic directive. Abstract methods are never implemented in the base class and must be implemented in descendant classes to be used. A runtime error occurs if you try to execute an abstract method that is not overridden. Calling inherited within the override implementation of an abstract method will also result in a runtime error, since there is no inherited behaviour.

### **1.6.6 Messages**

Delphi's handling of Windows messages is a special case of virtual methods. Message handlers are implemented in classes that descend from TControl. I.e classes that have a handle and can receive messages. Message handlers are always virtual and can be declared in the private part of a class interface, yet still allow the inherited method to be called. Inherited in a message handler just uses the keyword inherited, there is no need to supply the name of the method to call.

### **1.6.7 Events**

Events are also an important characteristic of Delphi, since they let you delegate extensible behaviour to instances of a class. Events are properties that refer to a method of another object. Events are not inherited in Delphi 1; Delphi 2 extends this behaviour to let you use inherited in an event. . Inherited in an event handler just uses the keyword inherited, there is no need to supply the name of the method to call.

Events are particularly important to component developers, since they provide a hook for the user of the component to modify its behaviour in a way that may not be foreseen at the time the component is written.

### **1.6.8 Constructors and Destructors**

The constructor and destructor are two special types of methods. The constructor initializes a class instance (allocates memory initialized to 0) and returns a reference (pointer) to the object. The destructor deallocates memory used by the object (but not the memory of other objects created by the object).

Classes descended from TObject have a static constructor, Create, and a virtual destructor Destroy.

TComponent introduces a new public property, the Owner of the component and this must be initialized in the constructor. TComponent's constructor is declared virtual, i.e. it can be overridden in descendant classes.



It is essential when you override a virtual constructor or destructor in a TComponent descendant to include a call to the inherited method. is one of the best programming tools to create software for Windows (and the .NET framework).

## **1.7 Delphi Compilers**

With Delphi you can without much effort create small yet powerful Windows applications, which do not need to be installed, do not depend on Active X controls, or special dlls. This means that you will have far fewer users complaining about installation problems than if you created your software using Java, Visual Basic or Visual C++. Besides, many quality Delphi freeware, shareware and open source components can be found on the Web. See also below.

Delphi allows fast and high-level/abstract programming, like Java and Visual Basic, but you can also use it to code at a lower/more fundamental level, like you can do with most C++ environments. Delphi is based on the Pascal programming language making it ideal for educational purposes as well.

### **1.7.1 Free Delphi IDEs and Compilers**

Turbo Delphi: Free industrial strength Delphi RAD (Rapid Application Development) environment and compiler for Windows. It comes with 200+ components and its own Visual Component Framework. Note: this is the free edition of Borland's Delphi. The only limitation of this free edition is that you can not install additional components.

Turbo Delphi for .NET: Free industrial strength Delphi application development environment and compiler for the Microsoft .NET platform.

### **1.7.2 Free Delphi Compression Libraries**

Abbrevia: Freeware open-source compression toolkit for Borland Delphi, C++Builder, & Kylix. It supports PKZIP 4, Microsoft CAB, TAR, & gzip formats & the creation of

self-extracting archives. It includes visual components that simplify the manipulation of ZIP files.

DelphiZip: Freeware Delphi zip component including source code.

DIUcl: Delphi port of the fast and memory-efficient UCL C++-compression Library.

### **1.7.3 Free Delphi Script Engines**

Innerfuse Pascal Script: Freeware script engine written in Delphi. IFPS allows you to use most of Object Pascal language within your projects at runtime. It's a set of units that can be compiled into your exe file so there is no need to distribute any external files.

### **1.7.4 Free Database Components**

B-Tree Filer: Fast file-based database-system created with Borland Delphi, and which is not dependent on other tools, such as the Borland Database Engine or third-party dll's. Freeware, open-source.

SQL Parser for Delphi: A string parser that is capable to parse SQL statements into tokens, allows changing these tokens and rebuilding (modified) SQL statement.

Direct SQL: Cross-platform (Windows and Linux) Delphi/Kylix native components for directly accessing MySQL servers (without using any external dll's).

FlashFiler: Freeware, open-source client/server database created using Delphi. FlashFiler features a component-based architecture and can be compiled into your applications. Easy to configure, fast, and includes SQL.

kbmMemTable: Freeware. A full TDataset compatible in-memory table.

Open source dbExpress drivers: DbExpress driver for ODBC. Supports Delphi 7 & 6.02, BCB 6, and Kylix 2 & 3. Tested against many Databases including: Microsoft SqlServer, Oracle, IBM DB2, Centura SqlBase, MySql, Microsoft Access, and

Real Isam: A database library (DLL) that uses the ISAM method (Indexed Sequential Access Method) to manage access keys and variable length data records. For C++, Delphi, Visual Basic, etc. Freeware for Windows

DBF: A native data access component for Delphi, BCB, Kylix, FreePascal. It allows you to create very compact database programs which don't need any special installer programs. The DB engine code is compiled right into your executable.

TjanSQL: TjanSQL is a single user SQL Database engine using plain text files with semi-colon separated data for data storage. In-memory handling of tables and recordsets; semi-compiled expressions. Freeware, open-source.

MidWare: Middleware the genral term for an application Layer put in the "middle" of a multi-tiered architecture software, allowing the various layers or "Tiers" to talk to each other. Middleware is the "glue" used to build efficient and scalable N-Tier Client/Server programs. The component set 'MidWare' consists of a set of 'Middleware' components and units which allow you to create an Application Server and related thin Client application, in just a few minutes. All without worrying about Client connections, data formatting and other details which make a multi-tiered Client/Server program so difficult to write. MidWare also includes CGI, ISAPI and ASP modules for web applications.

### **1.7.5 Delphi UI Components**

Human Interface Device controller suite: The HID controller (Human Interface Devices) is a component suite, which gives complete access to HID devices. Handles all devices which are in the HID subclass of USB



LS Speller: A non-visual Delphi component designed to add spell check capability to any application

Soft Gems Color Picker: Free advanced color picker component for Delphi and BCB.

SynEdit: An advanced multi-line cross-platform edit control, for Borland Delphi, Kylix and C++Builder. It supports Syntax Highlighting and code completion, it includes exporters for html, txt and rtf.

Virtual Treeview: Very powerful freeware open-source Delphi treeview component.

### **1.7.6 Printing and Reports**

Print Preview Suite: Excellent freeware Delphi print & preview component including source code.

FreeReport: Free report engine for Delphi and C++ Builder with report designer and previewer. Comparable to QuickReport3 and ReportBuilder 3.52. Freeware, full source code, royalty-free

Report Manager: Both a print scheme designer (report) and a high level printing (reporting) engine. Also a TCP Report Server and a Web Report Server (PDF on the fly), supports Windows and Linux. Connectivity to almost all databases is provided.

### **1.7.7 Free Delphi Unicode Libraries**

TntWare Delphi Unicode Controls: Delphi controls which allow you to develop applications that take advantage of the Unicode capabilities of Windows NT/2000/XP/2003.

SoftGems UniCodeEditor: UCE, the UniCodeEditor is an edit control for Delphi and Borland C++ Builder with syntax highlighting and WideString/Unicode support. This

edit control comes with syntax highlighter classes for Delphi, C/C++, HTML, SQL and DCG (the Delphi Compiler Generator).

Delphi Fundamentals Unicode Library: Delphi units which provide common functions necessary to utilize Unicode strings in Delphi applications.

SoftGems Unicode Library: A Delphi Unicode support library to use WideString/Unicode strings in your application. It includes more than 100 functions and classes for handling Unicode widestrings, as well as a unicode-enabled search engine and a unicode enabled regular expression search engine.

### **1.7.8 Delphi Component Directories**

Delphi Pages: Delphi components, tips, articles, forums, resumes, etc.

VCL Components: Components and libraries for Delphi, C++, Basic, Assembler, etc

Delphi Super Page: A large listing of components and sources.

Delphi32.com: Lots of Delphi-related information and downloads ordered by category.

DelphiSource: The latest news, libraries, components and utilities.

Torry's Delphi Page: Numerous components ordered by category, but a bit outdated here and there

DelphiABC: Delphi components, tools, applications, samples, tips and articles.

ComponentSource: Very commercial components site for a variety of compilers including Delphi and .NET.



### 1.7.9 Free Delphi Libraries, Components, Utilities

Delphi Fundamentals: Comprehensive collection of Delphi code units. Includes libraries for Unicode, Strings, Data Structures, Socket components and Mathematics

Delphi Hotkey: Create a system wide hotkey. The way this works is that your program will receive an event whenever the specified hotkey is pressed regardless of which application has focus.

delphi2cpp: A free utility which converts Delphi/Pascal units into C++ code.

FastMM: Fast replacement memory manager for Borland Delphi Win32 applications that scales well in multi-threaded applications, is not prone to memory fragmentation, and supports shared memory without the use of external .DLL files.

GpHugeFile: Encapsulation of Windows file-handling routines that allows work with files larger than 2GB.

Jedi: A large collection of freeware/open-source components.

MYTHcode.org: A collection of object pascal libraries for parsing text strings and macro languages HTML, XHTML, XML, CSS and others.

PSV Delphi Components Library: A set of Open Source Delphi components containing: Windows Dialogs Library, php4Delphi, ISAPI and CGI support for Indy, RichEdit Syntax Highlighter .

Standard Interface Library: A framework library which aims to independize we all, the delphi developers, from the different glitches and jerks of the CLX/VCL, and attempts to provide code that is independent from the operating system. It is based on \*heavy\* use of interfaces.

TfisFileNotification: Creates a thread and uses it to monitor the contents of a directory or directory tree. Many different file changes can be monitored such as file size, last write, creation & deletion etc

TurboCASH Accounting: Entry level Delphi, Windows Accounting package for single users, small networks and distributed networks. Accomodates developer scripts, local plugins and multi language translation. Ideal for SME market.

TurboPower Essentials: 13 native VCL controls including drop-down calendars & calculators, roll-up dialogs, 3-D labels, tiled backgrounds, scrolling messages, menu buttons, and more. Freeware, open-source for Delphi and C++ Builder.

TurboPower Orpheus: Freeware, open-source UI toolkit for Borland Delphi and C++Builder. It contains over 120 components covering everything from data entry to calendars and clocks. Other noteworthy components include an Object Inspector, LookOut bar, and report views.

TurboPower ShellShock: A set of freeware, open-source components that let you customize applications with the functionality available in the Windows Shell and Windows Explorer, all without writing code. The components are written in native VCL for Borland Delphi and C++Builder

TurboPower SysTools: Freeware, open-source library of utility routines and classes for Borland Delphi, C++Builder, and other environments that support COM. It includes 1-D and 2-D bar codes, sorting, money routines, logging, high-precision math, a run-time math expression analyzer, etc.

Unofficial VisualCLX patches: Unofficial VisualCLX patches

#### **1.7.10 Graphics Libraries**

Crispy Plotter: Plots mathematical functions at high speed.

Filters: An image processing library: sobel, convolution, morphology, vectorization, segmentation, blob, blur, histogram, susan, threshold, texture, contrast, standard deviation, canny, distance map, douglas-peuker, sklansky-gonzales, contour, edge, etc.

Genesis Device: Open Source 3D engine project to create a complete FPS game engine, including tools to create and view a virtual-scene.

Graph Package: Two components TGraph & TGraph3D which can help users to easily and quickly create 2D/3D graphics applications.

GraphicEx: An addendum to Delphi's Graphics.pas to enable your application to load many additional image formats.

Graphics32: A library designed for fast 32-bit graphics handling on Delphi and Kylix. Optimized for 32-bit pixel formats, it provides fast operations with pixels and graphic primitives, and in most cases Graphics32 outperforms the standard TCanvas classes. It is almost a hundred times faster in per-pixel access and about 2 - 5 times faster in drawing lines.

Real-Time Oscilloscope DLL Library: Freeware real-time Windows Oscilloscope DLL with an API for C++ , Delphi, MathWorks Matlab and Simulink.

TEffects: Free component for creating effects similar to what can be achieved by using commercial photo editing programs.

### **1.7.11 3D Programming**

3D Engines: Large list of 3D engines on various platforms and for various programming languages.

3D Studio Import Library: A collection of classes and structures to allow loading 3d Studio mli (material) and prj (project) files into your Delphi and Borland C++ Builder application.



Delphi OpenGL community: German OpenGL site for Delphi programmers.

Delphi3d.net: Site devoted to rapid OpenGL development.

GLScene: OpenGL package written in Delphi; freeware, open-source.

Open GL projects including source: [www.sulaco.co.za/opengl.htm](http://www.sulaco.co.za/opengl.htm)

OpenGL with Delphi: Borland community article on OpenGL. Get acquainted with OpenGL 3D graphics programming with this cookbook approach.

OpenGL.org: General home page of OpenGL.

OpenGL\_SG: An interface unit for using OpenGL with Delphi. It contains the translations of the gl.h, glu.h, glx.h and glext.h header files as well as a number additional support functions, and an interface with for most OpenGL extensions.

TOpenGL: This TOpenGL component for Borland C++ Builder allows you to build great two or three dimensional images inside your program. You can even animate these images.

Codehead's Bitmap Font Generator: A free bitmap font creation tool for OpenGL or DirectX applications.

### **1.7.12 Delphi Game Programming**

3dstate: 3D Engines and sets of tools for writing 3D games. Freeware for non-commercial use.

About.com Delphi game programming: Real-time 2D particle systems, VCL sprite engine, 3D engines list, basic game programming, DirectX.

Chessboard: Freeware chessboard component for Delphi and C++ Builder. It provides a 2-Dimensional and customizable chessboard with a drag and drop interface and event handlers (OnLegalMove, OnIllegalMove, OnCapture, OnCheck, OnMate, OnStaleMate, OnDraw etc.) A simple chess engine is included but of course you can use your own chess engine as well.

### **1.7.13 Delphi Programs with Source**

Apophysis: A windows application made in delphi for creating and editing fractal flames. Fractal flames are a extension on the ifs fractal.

Free Delphi Programs with Source: Free Delphi programs with source code for Internet, Database, HTML generation, RSR232 communication, terminal emulation, graphics, data conversion, help file making and more.

Extreme Performance Hospital IS: Freeware, open-source application for hospitals, containing a large number of modules which keep data of Patient Image, Symptoms, Physical Condition, Investigation, Diagnosis, Treatment including Procedure / Medication, etc. There are 50 hospitals in Thailand using this program.

Monex: Personal finance manager based on double entry bookkeeping principles. Supports download of financial data (exchange rates, stock quotes ...). Download of online available data is intended for a Slovenian audience, but can be customized.

MultiPro - FTP Client: Windows FTP program.

OpenSeeIT: An opensource image viewer program for Windows written in Delphi.

Phoenix Mail: An open source email client for Windows (and Linux?). Developed using Delphi.

VSpeech: Application enabling users to control their computer by their voice.



### 1.7.14 Internet and Communication Components

**Internet Components:** Native components implementing FTP, Mail, etc. This page also lists other components and various useful resources.

**Indy Project:** (1) Internet Direct (INDY) is an open source internet component suite comprised of popular internet protocols based on blocking sockets. (2) IndySoap is a Open Source Library for implementing Web services using Borland Pascal Compilers.

**TurboPower Async Professional:** A comprehensive communications toolkit for Borland Delphi, C++Builder, & ActiveX environments. It provides direct access to serial ports, TAPI, and the Microsoft Speech API. It supports faxing, terminal emulation, VOIP, & more. Freeware, open-source.

**TurboPower Internet Professional:** A set of freeware/open-source VCL components providing Internet connectivity. It includes POP3, SMTP, NNTP, FTP, HTTP, Instant Messaging, HTML viewer components, as well as components for low-level socket access.

**Kylix WebProvider:** Open Source CGI WebBroker replacement. It allows you to develop CGI applications in Apache environment using Kylix. It has a very small size compared to WebBroker and works fine with the Indy library and IndySOAP

### 1.7.15 Core Delphi

**Programming without:** Example of a Delphi 'Hello World' application without using the Borland application framework, but by calling the Windows API directly. The advantage is a fast and very small program (15 Kb) but it is more work.

### **1.7.16 Resource Editors**

XN Resource Editor: Freeware open-source resource editor and PE module explorer for Windows. It works with all resource files (.RES) and PE modules (.EXE, .DLL, etc.) and it has special knowledge of modules written in Delphi. It can display all the modules that comprise a Delphi program, and let you edit the properties of the components used on Delphi forms

Resource Hacker: A freeware resource editor for 32bit Windows executables and resource files (\*.res).

### **1.7.17 Delphi Tools**

FreeVCS: Freeware, open-source version control system having a Client/Server architecture and written in Delphi. It has syntax highlighting for Delphi, Pascal, C++, VB, Perl, Java, JavaScript, HTML, CSS, PHP, SQL, etc. and can be integrated with the Delphi IDE.

### **1.7.18 Delphi Magazines**

Dr. Bob's Delphi Clinic: Indepth discussion of Delphi-related issues by Dr. Bob: links, news, facts, tricks, articles, etc.

DelphiZine: Articles on Delphi and related matters.

### **1.7.19 Delphi Communities**

ADUG: ADUG is an organisation dedicated to providing a forum for activities and information that promote and improve the professional use of Delphi and related products and services in the Australian developer community.

Borland Newsgroups: The official Borland Delphi discussion forums. Discuss your questions, ideas and problems with other programmers.

BUG: UK Borland user group.

Delphi Newsgroups: Useful information regarding Delphi newsgroups.

Delphi User groups: A large list of local/country-based user groups.

Delphi-Talk: This mailing list is an open forum for discussing anything related to Borland Delphi.

### 1.7.20 Tutorials

A Beginner's Guide to Delphi Database Programming: This free online course for database beginners and those who want a broad overview of the art of database programming with Delphi. Learn how to design, develop and test a database application using ADO.

Delphi Basics: Help and reference for the fundamentals of the Delphi language. It is an introduction to the Delphi Object Oriented Language for newcomers, and provides a ready reference for experienced programmers.

Delphi Land: Tutorials for beginners and intermediate level programmers, crash Course Delphi, projects with fully commented source code, Tips and hints, book reviews, Questions and Answers Forum, etc.

Free Online Programming Tutorials: Free online programming tutorials for beginning Delphi programmers.

### 1.7.21 Delphi Resources

The Delphi-Box: Delphi portal; 1000+ links and tips for Developers.



HABit Delphi links: Very large collection of well-maintained links to Delphi sites, user-groups, downloads, tutorials, FAQs and tips.

DelphiSeek: Directory and search engine for Delphi components, resources, etc.

The Delphi compendium: Delphi-related books and links.

Delphi32.com: Components, downloads, articles and news.

EFG's Computer Lab: A page containing lots of very interesting projects. E.g. in the area of image processing, color, graphics, encryption, mathematics, fractals and chaos, science and engineering.

Project Jedi: The main goal of Project Jedi is to translate Windows API C++ library calls to native pascal units which can be used in Delphi. Another goal is to be a "portal" Website through which the whole community can share support, reusable code and components.

About Delphi programming: Useful site containing articles on Delphi (programming, backgrounds, news, etc.). An extensive list containing many freeware, shareware and commercial components can be found here.

## 1.8 CONCLUSION ABOUT DELPHI

Delphi, as a tool, has reached a stage of maturity in that it is used fairly extensively in organizational settings in either the paper and pencil mode or in combination with face-to-face meetings and Nominal Group Techniques. Since most of these exercises are proprietary in nature there is not much of this activity reported in the open literature. The one exception to this is the applications in the medical field which are in fact actively reported and documented (Fink, Kosecoff, Chassin, and Brook, 1984). This clearly is a result of the growing need to formulate collaborative judgements about

complex issues that are associated with the production of guidelines on medical practice and decisions.

Computer Mediated Communications has also seen some very significant applications in the medical field with respect to the formulation of collaborative judgements. One of the most significant to be reported in the literature was the use of leading researchers in Viral Hepatitis to review the research literature and update guidelines for practitioners (Siegel, 1980). While this was not run in an anonymous mode, it had all the other aspects of structure necessary for a dozen experts to deal with some five thousand documents and reach complete consensus on the resulting guidelines.

Another CMC application that had Delphi like structuring with Anonymity was a Group Therapy process to aid individuals in the cessation of smoking (Schneider, 1986; Schneider and Tooley, 1986). A general review of CMC applications in the medical field can be found in Lerch (1988).

However, there is yet to be a true merger of Delphi with Computer Mediated Communications. It is only now that the technology is becoming generally available to support the high degree of tailoring necessary to dynamically structure communications within a single conferencing system (Turoff, 1991). Most conference systems, to date, have only represented single design structures with very little control available to facilitators and moderators of discussions. Also, the general lack of graphics has placed a considerable limitation on just what Delphi techniques could be adapted to the computer environment. The merger of Delphi and Computer Mediated Communications potentially offers far more than the sum of the two methods.

Long before the concept of Expert Systems it was known that statistical factor models (Dalkey, 1977) applied to a large sample of expert judgements could produce performance that was consistently in the upper quarter of the performance distribution curve. Such models did not suffer from "regression to the mean" and could result in matching the best decisions by the best experts in the group. Expert Systems is really the emergence of tools to allow this to be done on a fairly wide scale. However, the results of Expert System approaches, as currently practiced, are never going to do better than the best experts.



The merger of the Delphi Method, Computer Mediated Communications and the tools that we have discussed opens the possibility for performance of human groups that exceeds the composite performance curve. We have termed this phenomenon "collective intelligence" (Hiltz and Turoff, 1978). This is the ability of a group to produce a result that is of better quality than any single individual in the group could achieve acting alone. This rarely occurs in face-to-face groups.

A recent experiment in utilizing human judgement in conjunction with the types of models that are used in Expert Systems confirms that this is in fact possible (Blattberg and Hoch, 1990). There has been too much attention in recent years to utilizing computer technology to replace humans and far too little effort devoted to the potential for directly improving the performance of human groups. This can be achieved through integration of computer based methods and the concept of structured communications at the heart of the Delphi Method.

## CHAPTER 2

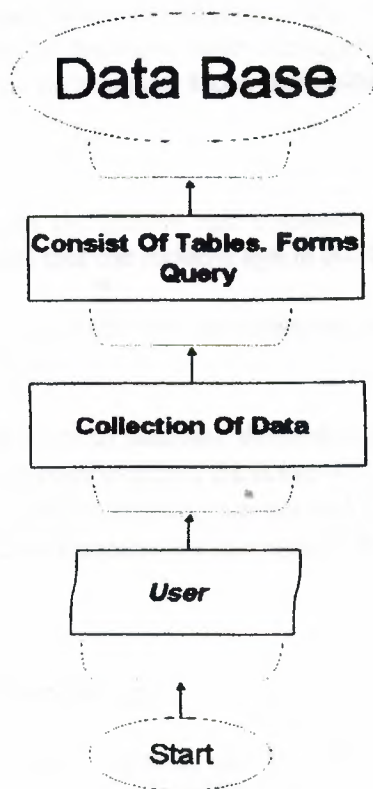
### DATABASE

#### 2.1 INTRODUCTION TO DATABASE

Every thing around us has a particular identity. To identify anything system, actor or person in words we need a data or information. So this information is valuable and in this advanced era we can store it in database and access this data by the blink of eye.

For an instant if we go through the definitions of database we may find following definitions.

- A **database** is a collection of related information.
- A **database** is an organized body of related information.
- Each database has **objects** such as a table, query, form, or macro



Pictorial definition of the Database

## 2.2 De-merits of Absence of Database

A glance on the past will may help us to reveal the drawbacks in case of absence of database.

- In the past when there wasn't proper system of database, Much paper work was need to do and to handle great deal of written paper documentation was giant among the problems itself.
- In the huge networks to deal with equally bulky data, more workers are needed which affidavit cost much labor expanses.
- The old criteria for saving data and making identification was much time consuming such as if we want to search the particular data of a person.
- Before the Development of Computer database it was a great problem to search for some thing. Efforts to avoid the headache of search often results in new establishments of data.
- Before the development of database it seemed very unsafe to keep the worthy information. In Some situation some big organization had to employee the special persons in order to secure the data.
- Before the implementation of database any firm had to face the plenty of *difficulties in order to maintain their Management*. To hold the check on the expenses of the firm, the manager faced difficulties.

## 2.3 Merits of database

The modern era is known as the golden age computer sciences and technology. In a simple phrase we can express that the modern age is built on the foundation of database.

If we carefully watch our daily life we can examine that some how our daily life is being connected with database.

- There are several benefits of database developments.
- Now with the help of computerized database we can access data in a second.
- By the development of the database we can make data more secure.
- By the development of database we can reduce the cost.

## 2.4 Introduction to Database Design

The design of a database has to do with the way data is stored and how that data is related. The design process is performed after you determine exactly what information needs to be stored and how it is to be retrieved.

A collection of programs that enables you to store, modify, and extract information from a database. There are many different types of DBMS ranging from small systems



that run on personal computers to huge systems that run on mainframes. The following are examples of database applications:

- Computerized library systems
- Automated teller machines
- Flight reservation systems
- Computerized parts inventory systems

From a technical standpoint, DBMS can differ widely. The terms relational, network, flat, and hierarchical all refer to the way a DBMS organizes information internally. The internal organization can affect how quickly and flexibly you can extract information.

Requests for information from a database are made in the form of a query.

Database design is a complex subject. A properly designed database is a model of a business, Country Database or some other in the real world. Like their physical model counterparts, data models enable you to get answers about the facts that make up the objects being modeled. It's the questions that need answers that determine which facts need to be stored in the data model.

*In the relational model, data is organized in tables that have the following characteristics: every record has the same number of facts, every field contains the same type of facts (Data) in each record, and there is only one entry for each fact. No two records are exactly the same.*

The more carefully you design, the better the physical database meets users' needs. In the process of designing a complete system, you must consider user needs from a variety of viewpoints.

## **2.5 Database Models**

Various techniques are used to model data structures. Certain models are more easily implemented by some types of database management systems than others. For any one *logical model various physical implementation may be possible*. An example of this is the relational model: in larger systems the physical implementation often has indexes which point to the data; this is similar to some aspects of common implementations of the network model. But in small relational database the data is often stored in a set of files, one per table, in a flat, un-indexed structure. There is some confusion below and elsewhere in this article as to logical data model vs. its physical implementation.



### **2.5.1 Flat Model**

The flat (or table) model consists of a single, two dimensional array of data elements, where all members of a given column are assumed to be similar values, and all members of a row are assumed to be related to one another. For instance, columns for name and password might be used as a part of a system security database. Each row would have the specific password associated with a specific user. Columns of the table often have a type associated with them, defining them as character data, date or time information, integers, or floating point numbers. This model is the basis of the spreadsheet.


### **2.5.2 Network Model**

The network model allows multiple datasets to be used together through the use of pointers (or references). Some columns contain pointers to different tables instead of data. Thus, the tables are related by references, which can be viewed as a network structure. A particular subset of the network model, the hierarchical model, limits the relationships to a tree structure, instead of the more general directed graph structure implied by the full network model.

### **2.5.3 Relational Model**

The relational data model was introduced in an academic paper by E.F. Cod in 1970 as a way to make database management systems more independent of any particular application. It is a mathematical model defined in terms of predicate logic and set theory.

Although the basic idea of a relational database has been very popular, relatively few people understand the mathematical definition and only a few obscure DBMSs implement it completely and without extension. Oracle, for example, can be used in a purely relational way, but it also allow tables to be defined that allow duplicate rows an



extension (or violation) of the relational model. In common English usage, a DBMS is called relational if it supports relational operational operations, regardless of whether it enforces strict adherence to the relational model. The following is an informal, not-technical explanation of how “relational” database management systems commonly work.

A relational database contains multiple tables, each similar to the one in the “flat” database model. However, unlike network databases, the tables are not linked by pointers. Instead, keys are used to match up rows of data in different tables. A key is just one or more columns in one table that correspond to columns in other tables. Any column can be a key, or multiple columns can be grouped together into a single key. Unlike pointers, it’s not necessary to define all the keys in advance; a column can be used as a key even if it wasn’t originally intended to be one.

A key that can be used to uniquely identify a row in a table is called a unique key. Typically one of the unique keys is the preferred way to refer to row; this is defined as the table’s primary key.

When a key consists of data that has an external, real-world meaning (such as a person’s name, a book’s ISBN, or a car’s serial number), it’s called a “natural” key. If no nature key is suitable, an arbitrary key can be assigned (such as by given employees ID numbers). In practice, most databases have both generated and natural keys, because generated keys can be used internally to create links between rows that can’t break, while natural keys can be used, less reliably, for searches and for integration with other databases. (For example, records in two independently developed databases could be matched up by social security number, except when the social security numbers are incorrect, missing, or have changed).

#### **2.5.3.1 Why we use a Relational Database Design**

Maintaining a simple, so-called flat database consisting of a single table doesn’t require much knowledge of database theory. On the other hand, most database worth maintaining are quite a bit more complicated than that. Real life databases often have



hundreds of thousands or even millions of records, with data that are very intricately related. This is where using a full-fledged relational database program becomes essential. Consider, for example, the Library of Congress, which has over 16 million books in its collection. For reasons that will become apparent soon, a single table simply will not do for this database.

## **2.6 Relationships between Tables**

When you create tables for an application, you should also consider the relationships between them. These relationships give a relational database much of its power. There are three types of relationships between tables: one-to-one, one-to-many and many-to-many relationships.

### **2.6.1 One-To-One Relationships**

In a one-to-one relationship, each record in one table corresponds to a single record in a second table. This relationship is not very common, but it can offer several benefits. First, you can put the fields from both tables into a single, combined table. One reason for using two tables is that each field is a property of a separate entity, such as owner operators and their trucks. Each operator can operate just one truck at a time, but the fields for the operator and truck tables refer to different entities.

A one-to-one relationship can also reduce the time needed to open a large table by placing some of the table's columns in a second, separate table. This approach makes particular sense when a table has some fields that are used infrequently. Finally, a one-to-one relationship can support in a table requires security, placing them in a separate table lets your application restrict to certain fields. Your application can link the restricted table back to the main table via a one-to-one relationship so that people with proper permissions can edit, delete, and add new records to these fields.

### **2.6.2 One-To-Many Relationships**

A one-to-many relationship, in which a row from one table corresponds to one or more rows from a second table, is more common. This kind of relationship can form the basis for a **Many-To-Many** relationship as well.

## **2.7 Data Modeling**

In information system design, data modeling is the analysis and design of the information in the system, concentrating on the logical entities and the logical dependencies between these entities. Data modeling is an abstraction activity in that the details of the values of individual data observations are ignored in favor of the structure, relationships, names and formats of the data of interest, although a list of valid values is frequently recorded. It is by the data model that definitions of what the data means is related to the data structures.

While a common term for this activity is "Data Analysis" the activity actually has more in common with the ideas and methods of synthesis (putting things together), than it does in the original meaning of the term analysis (taking things apart). This is because the activity strives to bring the data structures of interest together in a cohesive, inseparable, whole by eliminating unnecessary data redundancies and relating data structures by relationships. In the early phases of a software development project, emphasis will be on the design of a conceptual data model. This can be detailed into a logical data model sometimes called functional data model. In later stages, this model may be translated into physical data model.

### **2.7.1 Database Normalization**

Database normalization is a series of steps followed to obtain a database design that allows for consistent storage and efficient access of data in a relational database. These steps reduce data redundancy and the risk of data becoming inconsistent.

However, many relational DBMS lack sufficient separation between the logical database design and the physical implementation of the data store, such that queries against a fully normalized database often perform poorly. In this case de-normalizations are sometimes used to improve performance, at the cost of reduced consistency.



### 2.7.2 Primary Key

In database design, a **primary key** is a value that can be used to identify a particular row in a table. Attributes are associated with it. Examples are names in a telephone book (to look up telephone numbers), words in a dictionary (to look up definitions) and Dewey Decimal Numbers (to look up books in a library).

In the relational model of data, a **primary key** is a candidate key chosen as the main method of uniquely identifying a relation. Practical telephone books, dictionaries and libraries can not use names, words or Dewey Decimal System Numbers as candidate keys because they do not uniquely identify telephone numbers, word definitions or books. In some design situations it is impossible to find a natural key that uniquely identifies a relation. A **surrogate key** can be used as the **primary key**. In other situations there may be more than one candidate key for a relation, and no candidate key is obviously preferred. A surrogate key may be used as the primary key to avoid giving one candidate key artificial primacy over the others. In addition to the requirement that the primary key be a candidate key, there are several other factors which may make a particular choice of key better than others for a given relation.

The **primary key** should generally be short to minimize the amount of data that needs to be stored by other relations that reference it. A compound key is usually not appropriate. (However, this is a design consideration, and some database management systems may be better than others in this regard.)

The **primary key** should be immutable, meaning its value should not be changed during the course of normal operations of the database. (Recall that a **primary key** is the means of uniquely identifying a tuple, and that identity by definition, never changes.) This avoids the problem of dangling references or orphan records created by other relations referring to a tuple whose primary key has changed. If the **primary key** is immutable, this can never happen.

### 2.7.3 Foreign Key

A **foreign key (FK)** is a field in a database record under one primary key that points to a key field of another database record in another table where the **foreign key** of one table refers to the **primary key** of the other table. This way references can be made to link information together and it is an essential part of database normalization.

For example, a person sending an e-mail needs not to include the entire text of a book in the e-mail. Instead, they can include the ISBN of the book, and interested persons can then use the number to get information about the book, or even the book itself. The ISBN is the **primary key** of the book, and it is used as a **foreign key** in the e-mail.

*Note that using a **foreign key** often assumes its existence as a **primary key** somewhere else. Improper **foreign key/primary key** relationships are the source of many database problems.*

### 2.7.4 Compound Key

In database design, a compound key (also called a composite key) is a key that consists on 2 or more attributes.

No restriction is applied to the attribute regarding their (initial) ownership within the data model. This means that any one, none or all, of the multiple attributes within the compound key can be foreign keys. Indeed, a foreign key may, itself, be a compound key.

Compound keys almost always originate from attributive or associative entities (tables) within the model, but this is not an absolute value

## CHAPTER 3

### USER'S MANUEL

When we run the program, the initial page welcomes us. ( Figure 3.1)



Figure 3.1

This is the possword checking window that we must enter a valid password to enter the main program. Here, casesensitivity is active, so we must check caps lock in on or off mode. ( Figure 3.2)





Figure (3.2)

This is the main window of the bus transportation program include SETTING, SELLING, REPORT, MAP, HELP, and PROGRAM EXIT menus which will be described below. We are even able to get information about the menus if we browse cursor on them.

Also here, we are able to some kinds of searching operations. For example, if we select a city in "FROM" tab we will see related travels from our selected city to another cities. We get a travel list if we could select a city in "TO" tab that the list will be shown available travels.

If we select a month from the "MONTH" tab we get available travel list due a to our selection.

If we select a day from the "DAY" tab we get available travel list due a to our selection.

The "REFRESH" buttom allows us for database update. ( Figure 3.3 )





Figure 3.3

The setting menu include one section named “ADDING MENU “ which three sub sections in it. These are:

CITY,

TRAVEL, and

COST. ( Figure 3.4)



Figure 3.4

In “ADD CITY” window we are able to add a new city, delete and edit an existing city, a back button to main menu. Also we have a save button to update our works. ( Figure 3.5)

Figure 3.5

Add travel menu include lots of thing. Firstly choose the arrival and departure city, its time month and day, ploy number of the bus, plate of bus to search and save or delete. FROM, TO, MONTH, and DAY tabs work as described in the main window.

Here, we also have PLOY NUMBER OF BUS that allows as to enter ploy number of travel, PLATE OF BUS that allows enter a bus plate, and TIME OF BUS tab allows as to enter departure time for a bus. ( Figure 3.6)

FROM	TO	MONTH	DAY	PLOY NUMBER OF BUS	PLATE OF BUS
ISPARTA	BALIKESIR	FEBRUARY	26	121	33 HP 563
ISPARTA	AYDIN	JANUARY	3	101	33 UF 310
ISPARTA	ANKARA	JANUARY	25	98	33 EK 503
ISPARTA	AKSARAY	JULY	1	50	06 ZBU 87

Figure 3.6



In ADD COST window we can add charge for travels. ( Figure 3.7)

FROM	TO	COST
ANKARA	BALIKESIR	45
BALIKESIR	ANKARA	45
AKSARAY	ANKARA	30
AKSARAY	AYDIN	35

Figure 3.7

The second menu is SELLING ( Figure 3.8)

FROM	TO	MONTH	DAY	PLOY NUMBER OF BUS	PLATE OF BUS	TIME OF BUS
ISPARTA	BALIKESIR	FEBRUARY	26	121	33 HP 563	15:00
ISPARTA	AYDIN	JANUARY	3	101	33 UF 310	08:30
ISPARTA	ANKARA	JANUARY	25	98	33 EK 503	19:30
ISPARTA	AKSARAY	JULY	1	50	06 ZBU 87	12:00

Figure 3.8

In the TRAVELS division, we see tabs which are discribed below. For example, if we select a city in FROM tab, we get an available city list. ( Figure 3.8 )

Double click on a listed city we will get seats view of a bus that we may see empty seats, rezerved seats, and selling seats. There are four colors: blue, yellow, red and green. Blue means selling ticket for male and green means rezerved ticket for male. Also red means selling ticket for female and yellow means rezerved ticket for female. ( Figure 3.9 )

SELLING OR REZERVE TICKET

FOR PASSENGER

NAME

SURNAME

SEXJALITY

SEAT NUMBER

TICKET SITUATION

FROM

TO

PRICE

YTL

PLOY NUMBER

PLATE OF BUS

DATE

TIME

OK

CANCEL

Travels

FROM

TO

MONTH

DAY

SHOW

IN FRONT OF THE BUS

LUTFIYE CEKIC

YSLI DEMIR

H

UMRSEL DEMIR

AMMEY CILIC

FERIDUN ADA

SUREYYA ADA

O

AYSE OZKAN

SEAT 10

SEAT 11

SEAT 12

SEAT 13

SEAT 14

SEAT 15

SEAT 16

SEAT 17

SEAT 18

SEAT 19

SEAT 20

SEAT 21

SEAT 22

SEAT 23

SEAT 24

SEAT 25

SEAT 26

SEAT 27

SEAT 28

SEAT 29

SEAT 30

SEAT 31

SEAT 32

SEAT 33

SEAT 34

SEAT 35

SEAT 36

SEAT 37

SEAT 38

SEAT 39

SEAT 40

SEAT 41

SEAT 42

SEAT 43

SEAT 44

SEAT 45

BEHIND OF THE BUS

MALE SELLING

FEMALE SELLING

MALE REZERVE

FEMALE REZERVE

FROM	TO	MONTH	DAY	PLOY NUMBER OF BUS	PLATE OF BUS	TIME OF BUS
ISPARTA	BALIKESIR	FEBRUARY	26	121	33 HP 563	15:00
ISPARTA	AYDIN	JANUARY	3	101	33 UF 310	08:30
ISPARTA	ANKARA	JANUARY	25	98	33 EK 503	19:30

EXIT

Figure 3.9

In the report menu, we have two sub menus in it. If we click travel report we see a window as below ( Figure 3.10 ) :



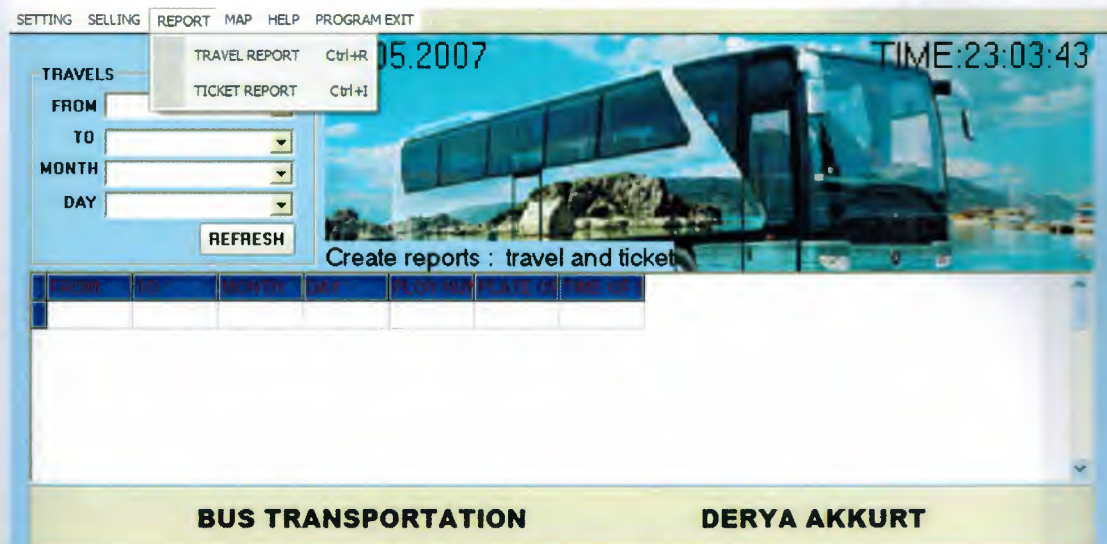


Figure 3.10

The report includes a MONTH selection that if we choose a month from the list we will get a travel list in the selected month. At the bottom of the window we have three buttons, PRINT PREVIEW allows as the preview of the print out, print is sent the report to a printer, and exit is return to the main window. ( Figure 3.11 )

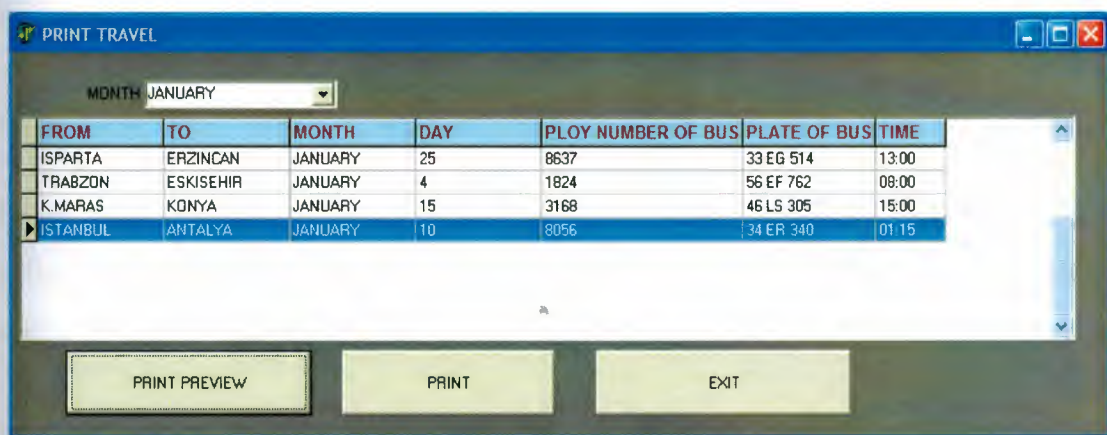


Figure 3.11

You may see print preview or print. ( Figure 3.12)

Print Preview

REPORT OF TRAVEL BY MONTHLY

FROM	TO	MONTH	DAY	TIME	FLOY NUMBER OF BUS	PLATE OF BUS
ISPARTA	ERZINCAN	JANUARY	25	13:00	8037	33 EG 514
TRABZON	ESKISEHIR	JANUARY	4	08:00	1824	50 EF 752
K.MARAS	KONYA	JANUARY	15	15:00	3108	40 LS 305
ISTANBUL	ANTALYA	JANUARY	10	01:15	8056	34 ER 340

Page 1 of 1

Figure 3.12

Second report about ticket. This report include is many properties. You can show all selling bus tickets and customer's information. For this you select travel's month and ploy number. ( Figure 3.13 )

MONTH JANUARY PLOY NUMBER 8637


PRINT PREVIEW PRINT EXIT

Name	Surname	Sex	Seat	From1	To1	Price	Ploy
NERMIN	TASCI	FEMALE	SEAT 17	ISPARTA	ERZINCAN	80	8637
ZEHRA	TASCI	FEMALE	SEAT 12	ISPARTA	ERZINCAN	80	8637
AYSE	NAMLI	FEMALE	SEAT 11	ISPARTA	ERZINCAN	80	8637
RAFET	FEHMI	MALE	SEAT 7	ISPARTA	ERZINCAN	80	8637
SERAP	SERGUN	MALE	SEAT 6	ISPARTA	ERZINCAN	80	8637
SERAP	SERGUN	FEMALE	SEAT 6	ISPARTA	ERZINCAN	80	8637
EMRE	FEHMI	MALE	SEAT 8	ISPARTA	ERZINCAN	80	8637
SERAP	SERGUN	MALE	SEAT 6	ISPARTA	ERZINCAN	80	8637
AHMET	SARAL	MALE	SEAT 5	ISPARTA	ERZINCAN	80	8637
EREN	YAPAR	MALE	SEAT 2	ISPARTA	ERZINCAN	80	8637

Figure 3.13

And click print preview and show total benefit buttom of page. ( Figure 3.14 )

Print Preview



Close

LIST OF SELLING TICKET

PE 00

Figure 3. 14



MAP menu is consists of two sub menus, program's map that gives a tree structure of the program's menus as below : ( Figure 3.15 ) ( Figure 3.16 ) ( Figure 3.17 )



Figure 3.15



Figure 3.16

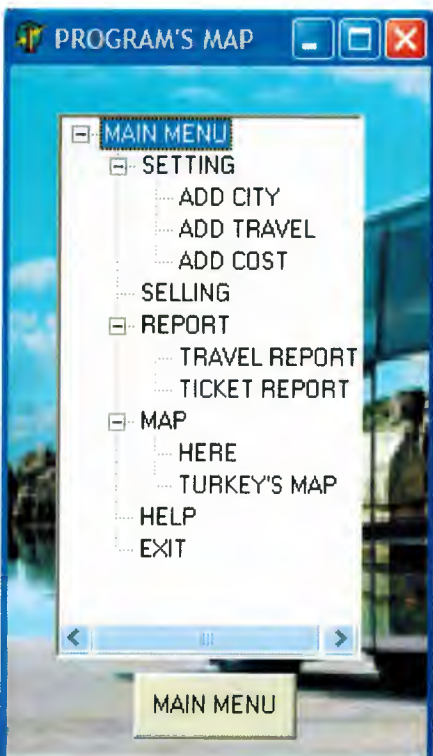


Figure 3.17



And, TRAVEL'S MAP shows us the cities that we can travel. ( Figure 3.18 )

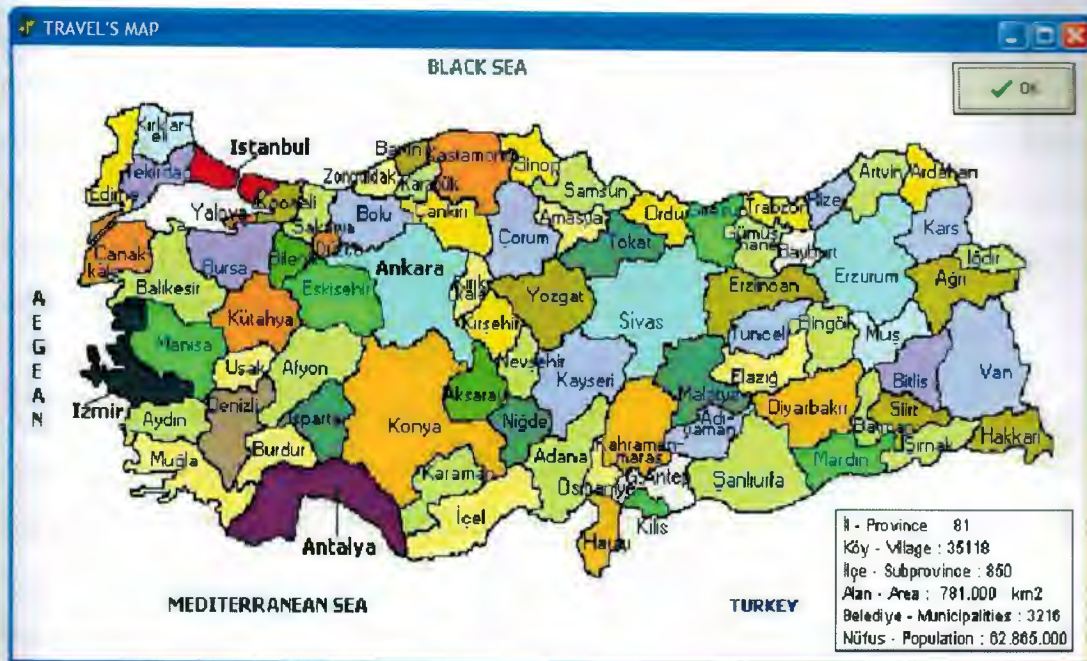


Figure 3.18

And the last one HELP menu gives help information about use the program.

( Figure 3.19 )

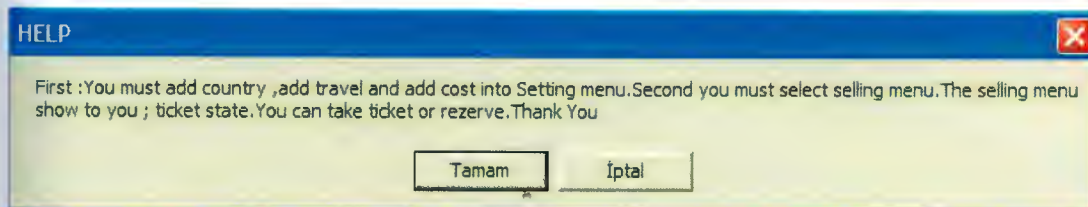


Figure 3.19

## CONCLUSION

Developing of software solutions for industrial and non-industrial problems need powerful software development tools. Analysis of software problems and designing software show that the success for developing of software quite depends on the tools. The Delphi is one of the effective tool for helping developers to apply his/her software solutions for the problems. Also, the Delphi supports to the object oriented software developing approach.

The software development process for a non-industrial bus traveling agency company is performed. The main problem of the software is construction of bus and passenger databases. The object oriented technics is applied, the graphical user-interface system is developed for the software. The database management statements are implemented. While the program is operating, the system provides all information and the organization operations for bus plays.

The designing the software is performed using the code and diagram pages in the workspace of Delphi 6. In the result of program operation, short response time and practical utilization area are obtained. All in all, the obtained results completely satisfy for the operators in an efficient way.

## REFERENCES

- [1] Zeydin PALA, “ Borland Delphi 6 & 34 Subjects in Delphi 6”, Türkmen Kitapevi
- [2] Zeydin PALA & Ihsan KARAGULLE , “Visual Program with Borland Delphi 6”, Türkmen Kitapevi
- [3] “<http://www.delphiturk.com.tr>”
- [4] “[www.google.com.tr](http://www.google.com.tr)”

## APPENDIX

### PROGRAM CODE

#### FORM 1

```
procedure TForm1.SELLING1Click(Sender: TObject);
begin
    form4.Query1.First;
    form4.ComboBox1.Items.Clear;
    form4.ComboBox2.Items.Clear;
    while not form4.Query1.Eof do begin
form4.ComboBox1.Items.Add(form4.Query1.Fields[0].AsString);
form4.ComboBox2.Items.Add(form4.Query1.Fields[0].AsString);
        form4.Query1.Next;
    end;
    QUERY2.Close;
    FORM4.SHOW;
    form1.enabled:=FALSE;
end;
```

```
procedure TForm1.CITY1Click(Sender: TObject);
begin
FORM1.Enabled:=false;
form2.show;
end;
```



```

procedure TForm1.RAVEL1Click(Sender: TObject);
begin
  form1.Query1.First;
  form3.ComboBox1.Items.Clear;
  form3.ComboBox2.Items.Clear;

  while not form1.Query1.Eof do begin
    form3.ComboBox1.Items.Add(form1.Query1.Fields[0].AsString);
    form3.ComboBox2.Items.Add(form1.Query1.Fields[0].AsString);
    form1.Query1.Next;
  end;

  form3.show;
  form1.enabled:=false;
end;

```

```

procedure TForm1.COST1Click(Sender: TObject);
begin
  form5.SHOW;
  form1.enabled:=FALSE;
end;

```

```

procedure TForm1.EXIT1Click(Sender: TObject);
begin
  form1.Close;
  passwordDLg.close;
end;

```

```

procedure TForm1.ComboBox1Change(Sender: TObject);
begin
  combobox2.Text:="";
  combobox3.Text:="";
  combobox4.Text:="";
  form1.query2.SQL.Clear;

```

```

form1.query2.SQL.Text:='select * from travels where
from1='+#39+(form1.combobox1.Text)+#39;
form1.query2.open;
end;

```

```

procedure TForm1.ComboBox2Change(Sender: TObject);
begin
combobox3.Text:="";
combobox4.Text:="";
if combobox1.Text<>" then begin
    form1.query2.SQL.Clear;
    form1.query2.SQL.Text:='select * from travels where
from1='+#39+(form1.combobox1.Text)+#39+'and to1 =' + #39 +
(form1.combobox2.Text)+#39;
    form1.query2.open;
end else begin
    form1.query2.SQL.Clear;
    form1.query2.SQL.Text:='select * from travels where
to1='+#39+(form1.combobox2.Text)+#39;
    form1.query2.open;
end;
end;

```

```

procedure TForm1.ComboBox3Change(Sender: TObject);
begin
combobox4.Text:="";
if combobox1.Text<>" then begin
    if combobox2.Text<>" then begin
        form1.query2.SQL.Clear;
        form1.query2.SQL.Text:='select * from travels where
from1='+#39+(form1.combobox1.Text)+#39+'and
to1='+#39+(form1.combobox2.Text)+#39+'and
mon1='+#39+(form1.combobox3.Text)+#39;
        form1.query2.open;
    end;
end;
end;

```

end else begin

form1.query2.SQL.Clear;

form1.query2.SQL.Text:='select \* from travels where

from1='+#39+(form1.combobox1.Text)+#39+'and

mon1='+#39+(form1.combobox3.Text)+#39;

form1.query2.open;

end;

end;

if combobox1.Text="" then begin

if combobox2.Text="" then begin

form1.query2.SQL.Clear;

form1.query2.SQL.Text:='select \* from travels where

mon1='+#39+(form1.combobox3.Text)+#39;

form1.query2.open;

end else begin

form1.query2.SQL.Clear;

form1.query2.SQL.Text:='select \* from travels where

to1='+#39+(form1.combobox2.Text)+#39+'and

mon1='+#39+(form1.combobox3.Text)+#39;

form1.query2.open;

end;

end;

end;

procedure TForm1.ComboBox4Change(Sender: TObject);

begin

if combobox1.Text<>"" then begin

if combobox2.Text<>"" then begin

if combobox3.Text<>"" then begin

form1.query2.SQL.Clear;

form1.query2.SQL.Text:='select \* from travels where

from1='+#39+(form1.combobox1.Text)+#39+'and

to1='+#39+(form1.combobox2.Text)+#39+'and



```

mon1='+#39+(form1.combobox3.Text)+#39+'and
day1='+#39+(form1.combobox4.Text)+#39;
form1.query2.open;
end else begin
    form1.query2.SQL.Clear;
    form1.query2.SQL.Text:='select * from travels where
from1='+#39+(form1.combobox1.Text)+#39+'and
to1='+#39+(form1.combobox2.Text)+#39+'and
day1='+#39+(form1.combobox4.Text)+#39;
    form1.query2.open;
    end;
    end;
    end;
if combobox1.Text="" then begin
if combobox2.Text="" then begin
if combobox3.Text="" then begin
    form1.query2.SQL.Clear;
    form1.query2.SQL.Text:='select * from travels where
day1='+#39+(form1.combobox4.Text)+#39;
    form1.query2.open;
    end;
    end;
    end;
if combobox1.Text="" then begin
if combobox2.Text<>"" then begin
if combobox3.Text="" then begin
    form1.query2.SQL.Clear;
    form1.query2.SQL.Text:='select * from travels where
to1='+#39+(form1.combobox2.Text)+#39+'and
day1='+#39+(form1.combobox4.Text)+#39;
    form1.query2.open;
    end;
    end;
    end;

```

```

if combobox1.Text<>" then begin
if combobox2.Text="" then begin
if combobox3.Text="" then begin
    form1.query2.SQL.Clear;
    form1.query2.SQL.Text:='select * from travels where
from1='+#39+(form1.combobox1.Text)+#39+'and
day1='+#39+(form1.combobox4.Text)+#39;
    form1.query2.open;
    end;
    end;
    end;

```

```

if combobox1.Text<>" then begin
if combobox2.Text="" then begin
if combobox3.Text<>" then begin
    form1.query2.SQL.Clear;
    form1.query2.SQL.Text:='select * from travels where
from1='+#39+(form1.combobox1.Text)+#39+'and
mon1='+#39+(form1.combobox3.Text)+#39+'and
day1='+#39+(form1.combobox4.Text)+#39;
    form1.query2.open;
    end;
    end;
    end;
    end;

```

```

procedure TForm1.dxBUTTON1Click(Sender: TObject);
begin
query2.SQL.Clear;
query2.SQL.Text:='select * from travels';
query2.Open;
combobox1.Text:="";
combobox3.Text:="";
combobox2.Text:="";
combobox4.Text:="";
query2.Refresh;

```

```

end;
procedure TForm1.FormActivate(Sender: TObject);
begin
form1.Query1.First;
form1.ComboBox1.Items.Clear;
form1.ComboBox2.Items.Clear;
while not form1.Query1.Eof do begin
form1.ComboBox1.Items.Add(form1.Query1.Fields[0].AsString);
form1.ComboBox2.Items.Add(form1.Query1.Fields[0].AsString);
form1.Query1.Next;
end;
query2.Close;
end;
procedure TForm1.DBGrid1DbClick(Sender: TObject);
begin
form4.Query1.First;
form4.ComboBox1.Items.Clear;
form4.ComboBox2.Items.Clear;
    while not form4.Query1.Eof do begin
        form4.ComboBox1.Items.Add(form4.Query1.Fields[0].AsString);
        form4.ComboBox2.Items.Add(form4.Query1.Fields[0].AsString);
        form4.Query1.Next;
    end;
query2.Close;
form4.Show;
form1.Enabled:=false;
end;
procedure TForm1.RAVELREPORT1Click(Sender: TObject);
begin
form7.show;
form1.enabled:=false;
end;

procedure TForm1.HELP1Click(Sender: TObject);

```



begin

Application.MessageBox('First :You must add country ,add travel and add cost into  
Setting menu.Second you must select selling menu.The selling menu show to you ;  
ticket state.You can take ticket or rezeve.Thank You','HELP',mb\_okCancel);  
end;

procedure TForm1.PROGRAMSMAP1Click(Sender: TObject);

begin

form10.show;

end;

procedure TForm1.Timer1Timer(Sender: TObject);

begin

Panel1.Caption:=Copy(Panel1.Caption,2,Length(panel1.Caption)-1) +  
panel1.Caption[1];

label6.caption:='TIME:' + timetostr(time);

end;

procedure TForm1.ICKETREPORT1Click(Sender: TObject);

begin

form14.show;

form1.Enabled:=false;

end;

procedure TForm1.RAVELSMAP1Click(Sender: TObject);

begin

form16.show;

end;

procedure TForm1.FormCreate(Sender: TObject);

begin

label5.Caption:=datetostr(date);

timer1.interval:=1000;

application.onhint :=aciklamaGoster;

end;

procedure TForm1.AciklamaGoster(Sender:TObject);

begin

label7.caption :=application.hint;

end;

procedure TForm1.FormMouseDown(Sender: TObject; Button: TMouseButton;

Shift: TShiftState; X, Y: Integer);

var

konum:Tpoint;

begin

if button =mbright then

begin

konum:=form1.ClientToScreen(point(x,y));

popupmenu1.Popup(konum.X,konum.y);

end;

end;

procedure TForm1.Addcity1Click(Sender: TObject);

begin

form2.Show;

end;

procedure TForm1.Addtravel1Click(Sender: TObject);

begin

form3.Show;

end;

procedure TForm1.Addcost1Click(Sender: TObject);

begin

form5.Show;

end;

```
procedure TForm1.icket1Click(Sender: TObject);  
begin  
form4.Show;  
end;
```

```
procedure TForm1.Reportoftravel1Click(Sender: TObject);  
begin  
form7.Show;  
end;
```

```
procedure TForm1.Reportofticket1Click(Sender: TObject);  
begin  
form14.Show;  
end;  
end.
```

## **FORM 2**

```
procedure TForm2.dxBUTTON1Click(Sender: TObject);  
begin  
query1.Insert;  
dbedit1.SetFocus;  
end;
```

```
procedure TForm2.dxBUTTON2Click(Sender: TObject);  
begin  
query1.Post;  
end;
```

```
procedure TForm2.dxBUTTON3Click(Sender: TObject);  
var  
a:word;  
begin  
a:=application.MessageBox('Are you sure ?','Questions',36);
```



```
if a=IDYES then begin
```

```
    query1.Delete;
```

```
end;
```

```
end;
```

```
procedure TForm2.dxButton4Click(Sender: TObject);
```

```
begin
```

```
    form1.Enabled:=true;
```

```
    form2.Close;
```

```
end;
```

```
procedure TForm2.dxButton5Click(Sender: TObject);
```

```
begin
```

```
    query1.Edit;
```

```
    dbedit1.SetFocus;
```

```
end;
```

```
end.
```

### FORM 3

```
function src1(a11:string):boolean;
```

```
begin
```

```
    src1:=false;
```

```
    form3.Query1.First;
```

```
        while not form3.Query1.eof do
```

```
            if (a11=form3.Query1.Fields[4].asString)then
```

```
                begin
```

```
                    src1:=true;
```

```
                    exit;
```

```
                end
```

```
            else
```

```
                form3.Query1.Next;
```

```
            end;
```

```

function RS(PWLen: integer): string;
const StrTable: string = '0123456789';
var
N, K, X, Y: integer;
begin
Randomize;
if (PWLen > Length(StrTable)) then K := Length(StrTable)-1
    else K := PWLen;
    SetLength(result, K);
    Y := Length(StrTable);
    N := 0;
while N < K do begin
X := Random(Y) + 1;
    if (pos(StrTable[X], result) = 0) then begin
        inc(N);
        Result[N] := StrTable[X];
    end;
end;
end;

```

```

function src(a:string;b:string;c:string;d:string):boolean;
begin
src:=false;
form3.Query1.First;
    while not form3.Query1.eof do
        if (a=form3.Query1.Fields[0].asString) and
            (b=form3.Query1.Fields[1].asString) and
            (c=form3.Query1.Fields[2].asString) and
            (d=form3.Query1.Fields[3].asString) then
            begin
                src:=true;
                exit;
            end
        else

```

```
form3.Query1.Next;  
end;
```

```
procedure TForm3.dxBUTTON2Click(Sender: TObject);  
begin  
  query1.Edit;  
  query1.Fields[0].AsString:=combobox1.Text;  
  query1.Fields[1].AsString:=combobox2.Text;  
  query1.Fields[2].AsString:=combobox3.Text;  
  query1.Fields[3].AsString:=combobox4.Text;  
  query1.Fields[4].AsString:=edit1.Text;  
  query1.Fields[5].AsString:=edit2.Text;  
  query1.Fields[6].AsString:=MASKedit1.Text;  
  query1.Post;  
  combobox1.Text:="";  
  combobox3.Text:="";  
  combobox2.Text:="";  
  combobox4.Text:="";  
  edit1.Text:="";  
  edit2.Text:="";  
end;
```

```
procedure TForm3.dxBUTTON3Click(Sender: TObject);  
begin  
  src1(edit1.Text);  
  if (query1.Fields[4].AsString=edit1.Text) then begin  
    application.MessageBox('This Ploy number of Bus is already  
      registered','Warning',16);  
  end else begin  
    query1.Insert;  
    query1.Fields[0].AsString:=combobox1.Text;  
    query1.Fields[1].AsString:=combobox2.Text;  
    query1.Fields[2].AsString:=combobox3.Text;  
    query1.Fields[3].AsString:=combobox4.Text;
```



```

query1.Fields[4].AsString:=edit1.Text;
query1.Fields[5].AsString:=edit2.Text;
query1.Fields[6].AsString:=MASKedit1.Text;
query1.Post;
combobox1.Text:="";
combobox2.Text:="";
combobox3.Text:="";
combobox4.Text:="";
edit1.Text:="";
edit2.Text:="";
end;
end;

```

```

procedure TForm3.dxBUTTON4Click(Sender: TObject);
begin
src1(edit1.Text);
    if (query1.Fields[4].AsString=edit1.Text) then begin
        query1.Delete;
        combobox1.Text:="";
        combobox2.Text:="";
        combobox3.Text:="";
        combobox4.Text:="";
        edit1.Text:="";
        edit2.Text:="";
    end;
end;

```

```

procedure TForm3.dxBUTTON5Click(Sender: TObject);
begin
form3.close;
form1.enabled:=true;
end;

```

```

procedure TForm3.DBGrid1DbClick(Sender: TObject);
begin
d1:=dbgrid1.Fields[4].AsString;
src1(d1);
    if (query1.Fields[4].AsString=d1) then begin
        combobox1.Text:=query1.Fields[0].AsString;
        combobox2.Text:=query1.Fields[1].AsString;
        combobox3.Text:=query1.Fields[2].AsString;
        combobox4.Text:=query1.Fields[3].AsString;
        edit1.Text:=query1.Fields[4].AsString;
        edit2.Text:=query1.Fields[5].AsString;
        query1.Fields[6].AsString:=MASKedit1.Text;
    end;
end;

```

```

procedure TForm3.ComboBox1Change(Sender: TObject);
begin
combobox2.Text:="";
combobox3.Text:="";
combobox4.Text:="";
form3.query1.SQL.Clear;
form3.query1.SQL.Text:='select * from travels where
from1='+#39+(form3.combobox1.Text)+#39;
form3.query1.open;
end;

```

```

procedure TForm3.ComboBox2Change(Sender: TObject);
begin
combobox3.Text:="";
combobox4.Text:="";
    if combobox1.Text<>"" then begin
        form3.query1.SQL.Clear;
    end;
end;

```

```

        form3.query1.SQL.Text:='select * from travels where
        from1='+#39+(form3.combobox1.Text)+#39+'and
        to1='+#39+(form3.combobox2.Text)+#39;
        form3.query1.open;
    end else begin
        form3.query1.SQL.Clear;
        form3.query1.SQL.Text:='select * from travels where
        to1='+#39+(form3.combobox2.Text)+#39;
        form3.query1.open;
    end;
end;

```

```

procedure TForm3.ComboBox3Change(Sender: TObject);
begin
    combobox4.Text:="";
    if combobox1.Text<>" then begin
        if combobox2.Text<>" then begin
            form3.query1.SQL.Clear;
            form3.query1.SQL.Text:='select * from travels where
            from1='+#39+(form3.combobox1.Text)+#39+'and
            to1='+#39+(form3.combobox2.Text)+#39+'and
            mon1='+#39+(form3.combobox3.Text)+#39;
            form3.query1.open;
        end else begin
            form3.query1.SQL.Clear;
            form3.query1.SQL.Text:='select * from travels where
            from1='+#39+(form3.combobox1.Text)+#39+'and
            mon1='+#39+(form3.combobox3.Text)+#39;
            form3.query1.open;
        end;
    end;
    if combobox1.Text="" then begin
        if combobox2.Text="" then begin
            form3.query1.SQL.Clear;

```



```

        form3.query1.SQL.Text:='select * from travels where
mon1='#39+(form3.combobox3.Text)+'#39;
        form3.query1.open;
    end else begin
        form3.query1.SQL.Clear;
        form3.query1.SQL.Text:='select * from travels where
to1='#39+(form3.combobox2.Text)+'#39+'and
mon1='#39+(form3.combobox3.Text)+'#39;
        form3.query1.open;
    end;
end;
end;

```

```

procedure TForm3.ComboBox4Change(Sender: TObject);
begin
    if combobox1.Text<>" then begin
        if combobox2.Text<>" then begin
            if combobox3.Text<>" then begin
                form3.query1.SQL.Clear;
                form3.query1.SQL.Text:='select * from travels where
from1='#39+(form3.combobox1.Text)+'#39+'and
to1='#39+(form3.combobox2.Text)+'#39+'and
mon1='#39+(form3.combobox3.Text)+'#39+'and
day1='#39+(form3.combobox4.Text)+'#39;
                form3.query1.open;
            end else begin
                form3.query1.SQL.Clear;
                form3.query1.SQL.Text:='select * from travels where
from1='#39+(form3.combobox1.Text)+'#39+'and
to1='#39+(form3.combobox2.Text)+'#39+'and
day1='#39+(form3.combobox4.Text)+'#39;
                form3.query1.open;
            end;
        end;
    end;
end;
end;

```

```

        end;
if combobox1.Text="" then begin
if combobox2.Text="" then begin
if combobox3.Text="" then begin
    form3.query1.SQL.Clear;
    form3.query1.SQL.Text:='select * from travels where
    day1='+#39+(form3.combobox4.Text)+#39;
    form3.query1.open;
    end;
end;
end;
if combobox1.Text="" then begin
if combobox2.Text<>" then begin
if combobox3.Text="" then begin
    form3.query1.SQL.Clear;
    form3.query1.SQL.Text:='select * from travels where
    to1='+#39+(form3.combobox2.Text)+#39+'and
    day1='+#39+(form3.combobox4.Text)+#39;
    form3.query1.open;
    end;
end;
end;
if combobox1.Text<>" then begin
if combobox2.Text="" then begin
if combobox3.Text="" then begin
    form3.query1.SQL.Clear;
    form3.query1.SQL.Text:='select * from travels where
    from1='+#39+(form3.combobox1.Text)+#39+'and
    day1='+#39+(form3.combobox4.Text)+#39;
    form3.query1.open;
    end;
end;
end;
if combobox1.Text<>" then begin

```

```

if combobox2.Text="" then begin
if combobox3.Text<>" then begin
    form3.query1.SQL.Clear;
    form3.query1.SQL.Text:='select * from travels where
from1='+#39+(form3.combobox1.Text)+#39+'and
mon1='+#39+(form3.combobox3.Text)+#39+'and
day1='+#39+(form3.combobox4.Text)+#39;
    form3.query1.open;
    end;
end;
end;
end;

```

```

procedure TForm3.dxBUTTON1Click(Sender: TObject);
var
a:string;
begin
a:=RS(4);
query1.First;
while not query1.Eof do begin
    if query1.Fields[4].AsString<>a then query1.Next
    else a:=RS(4);
    end;
    edit1.Text:=a;
end;
end.

```

#### FORM 4

```

var
Form4: TForm4;
k,tr:integer;
dayselect,monselect,ploystelect:string;
implementation

```

uses Unit1, Unit15;

{ \$R \*.dfm }

PROCEDURE slc(a:string);

Begin

//seat 1

form4.Query4.SQL.Clear;

form4.Query4.SQL.Text:='select \* from seat1 where ployno='+#39+a+#39;

form4.query4.Open;

form4.Query4.Last;

if (form4.Query4.Fields[0].AsString<>") then begin

form4.Edit1.Text:=form4.Query4.Fields[0].AsString+'

'+form4.Query4.Fields[1].AsString;

if (form4.Query4.Fields[2].AsString='FEMALE') then begin

if (form4.Query4.Fields[4].AsString='REZERVE') then begin

form4.edit1.Color:=clyellow;

end;

end;

if (form4.Query4.Fields[2].AsString='MALE') then begin

if (form4.Query4.Fields[4].AsString='REZERVE') then begin

form4.edit1.Color:=cllime;

end;

end;

if (form4.Query4.Fields[2].AsString='MALE') then begin

if (form4.Query4.Fields[4].AsString='SELLING') then begin

form4.edit1.Color:=clblue;

end;

end;

if (form4.Query4.Fields[2].AsString='FEMALE') then begin

if (form4.Query4.Fields[4].AsString='SELLING') then begin



```

        form4.edit1.Color:=clred;
    end;
end;
end;

//seat 2
form4.Query5.SQL.Clear;
form4.Query5.SQL.Text:='select * from seat2 where ployno='+#39+a+#39;
form4.query5.Open;
form4.Query5.Last;
    if (form4.Query5.Fields[0].AsString<>'') then begin
        form4.Edit2.Text:=form4.Query5.Fields[0].AsString+'
        '+form4.Query5.Fields[1].AsString;
    if (form4.Query5.Fields[2].AsString='FEMALE') then begin
        if (form4.Query5.Fields[4].AsString='REZERVE') then begin
            form4.edit2.Color:=clyellow;
        end;
    end;
end;
if (form4.Query5.Fields[2].AsString='MALE') then begin
    if (form4.Query5.Fields[4].AsString='REZERVE') then begin
        form4.edit2.Color:=cllime;
    end;
end;
if (form4.Query5.Fields[2].AsString='MALE') then begin
    if (form4.Query5.Fields[4].AsString='SELLING') then begin
        form4.edit2.Color:=clblue;
    end;
end;
if (form4.Query5.Fields[2].AsString='FEMALE') then begin
    if (form4.Query5.Fields[4].AsString='SELLING') then begin
        form4.edit2.Color:=clred;
    end;
end;
end;
end;

```

```

//seat 3
form4.Query6.SQL.Clear;
form4.Query6.SQL.Text:='select * from seat3 where ployno='+#39+a+#39;
form4.query6.Open;
form4.Query6.Last;
    if (form4.Query6.Fields[0].AsString<>'') then begin
        form4.Edit3.Text:=form4.Query6.Fields[0].AsString+'
'+form4.Query6.Fields[1].AsString;
    if (form4.Query6.Fields[2].AsString='FEMALE') then begin
        if (form4.Query6.Fields[4].AsString='REZERVE') then begin
            form4.edit3.Color:=clyellow;
        end;
    end;
end;
if (form4.Query6.Fields[2].AsString='MALE') then begin
    if (form4.Query6.Fields[4].AsString='REZERVE') then begin
        form4.edit3.Color:=cllime;
    end;
end;
if (form4.Query6.Fields[2].AsString='MALE') then begin
    if (form4.Query6.Fields[4].AsString='SELLING') then begin
        form4.edit3.Color:=clblue;
    end;
end;
if (form4.Query6.Fields[2].AsString='FEMALE') then begin
    if (form4.Query6.Fields[4].AsString='SELLING') then begin
        form4.edit3.Color:=clred;
    end;
end;
end;
end;

//seat 4
form4.Query7.SQL.Clear;
form4.Query7.SQL.Text:='select * from seat4 where ployno='+#39+a+#39;

```

```

form4.query7.Open;
form4.Query7.Last;
    if (form4.Query6.Fields[0].AsString<>") then begin
        form4.Edit4.Text:=form4.Query7.Fields[0].AsString+'
        '+form4.Query7.Fields[1].AsString;
    if (form4.Query7.Fields[2].AsString='FEMALE') then begin
        if (form4.Query7.Fields[4].AsString='REZERVE') then begin
            form4.edit4.Color:=clyellow;
        end;
    end;
end;
if (form4.Query7.Fields[2].AsString='MALE') then begin
    if (form4.Query7.Fields[4].AsString='REZERVE') then begin
        form4.edit4.Color:=cllime;
    end;
end;
if (form4.Query7.Fields[2].AsString='MALE') then begin
    if (form4.Query7.Fields[4].AsString='SELLING') then begin
        form4.edit4.Color:=clblue;
    end;
end;
if (form4.Query7.Fields[2].AsString='FEMALE') then begin
    if (form4.Query7.Fields[4].AsString='SELLING') then begin
        form4.edit4.Color:=clred;
    end;
end;
end;
//seat 5
form4.Query8.SQL.Clear;
form4.Query8.SQL.Text:='select * from seat5 where ployno='+#39+a+#39;
form4.query8.Open;
form4.Query8.Last;
    if (form4.Query8.Fields[0].AsString<>") then begin
        form4.Edit5.Text:=form4.Query8.Fields[0].AsString+'
        '+form4.Query8.Fields[1].AsString;

```

```

if (form4.Query8.Fields[2].AsString='FEMALE') then begin
    if (form4.Query8.Fields[4].AsString='REZERVE') then begin
        form4.edit5.Color:=clyellow;
    end;
end;

if (form4.Query8.Fields[2].AsString='MALE') then begin
    if (form4.Query8.Fields[4].AsString='REZERVE') then begin
        form4.edit5.Color:=cllime;
    end;
end;

if (form4.Query8.Fields[2].AsString='MALE') then begin
    if (form4.Query8.Fields[4].AsString='SELLING') then begin
        form4.edit5.Color:=clblue;
    end;
end;

if (form4.Query8.Fields[2].AsString='FEMALE') then begin
    if (form4.Query8.Fields[4].AsString='SELLING') then begin
        form4.edit5.Color:=clred;
    end;
end;

end;

//seat 6
form4.Query9.SQL.Clear;
form4.Query9.SQL.Text:='select * from seat6 where ployno='+#39+a+#39;
form4.query9.Open;
form4.Query9.Last;

    if (form4.Query9.Fields[0].AsString<>'') then begin
        form4.Edit6.Text:=form4.Query9.Fields[0].AsString+'
        '+form4.Query9.Fields[1].AsString;
    end;

if (form4.Query9.Fields[2].AsString='FEMALE') then begin
    if (form4.Query9.Fields[4].AsString='REZERVE') then begin
        form4.edit6.Color:=clyellow;
    end;
end;

```



```

end;
if (form4.Query9.Fields[2].AsString='MALE') then begin
    if (form4.Query9.Fields[4].AsString='REZERVE') then begin
        form4.edit6.Color:=cllime;
    end;
end;
end;
if (form4.Query9.Fields[2].AsString='MALE') then begin
    if (form4.Query9.Fields[4].AsString='SELLING') then begin
        form4.edit6.Color:=clblue;
    end;
end;
end;
if (form4.Query9.Fields[2].AsString='FEMALE') then begin
    if (form4.Query9.Fields[4].AsString='SELLING') then begin
        form4.edit6.Color:=clred;
    end;
end;
end;
end;
//seat 7
form4.Query10.SQL.Clear;
form4.Query10.SQL.Text:='select * from seat7 where ployno='+#39+a+#39;
form4.query10.Open;
form4.Query10.Last;
    if (form4.Query10.Fields[0].AsString<>'') then begin
        form4.Edit7.Text:=form4.Query10.Fields[0].AsString+'
        '+form4.Query10.Fields[1].AsString;
    if (form4.Query10.Fields[2].AsString='FEMALE') then begin
        if (form4.Query10.Fields[4].AsString='REZERVE') then begin
            form4.edit7.Color:=clyellow;
        end;
    end;
end;
if (form4.Query10.Fields[2].AsString='MALE') then begin
    if (form4.Query10.Fields[4].AsString='REZERVE') then begin
        form4.edit7.Color:=cllime;
    end;
end;

```

```

end;
end;
if (form4.Query10.Fields[2].AsString='MALE') then begin
    if (form4.Query10.Fields[4].AsString='SELLING') then begin
        form4.edit7.Color:=clblue;
    end;
end;
if (form4.Query10.Fields[2].AsString='FEMALE') then begin
    if (form4.Query10.Fields[4].AsString='SELLING') then begin
        form4.edit7.Color:=clred;
    end;
end;
end;
end;

//seat 8
form4.Query11.SQL.Clear;
form4.Query11.SQL.Text:='select * from seat8 where ployno='+#39+a+#39;
form4.query11.Open;
form4.Query11.Last;
    if (form4.Query11.Fields[0].AsString<>'') then begin
        form4.Edit8.Text:=form4.Query11.Fields[0].AsString+'
        '+form4.Query11.Fields[1].AsString;
    if (form4.Query11.Fields[2].AsString='FEMALE') then begin
        if (form4.Query11.Fields[4].AsString='REZERVE') then begin
            form4.edit8.Color:=clyellow;
        end;
    end;
    if (form4.Query11.Fields[2].AsString='MALE') then begin
        if (form4.Query11.Fields[4].AsString='REZERVE') then begin
            form4.edit8.Color:=cllime;
        end;
    end;
    if (form4.Query11.Fields[2].AsString='MALE') then begin
        if (form4.Query11.Fields[4].AsString='SELLING') then begin

```

```

        form4.edit8.Color:=clblue;
    end;
end;
if (form4.Query11.Fields[2].AsString='FEMALE') then begin
    if (form4.Query11.Fields[4].AsString='SELLING') then begin
        form4.edit8.Color:=clred;
    end;
end;
end;
end;

//seat 9
form4.Query12.SQL.Clear;
form4.Query12.SQL.Text:='select * from seat9 where ployno='+#39+a+#39;
form4.query12.Open;
form4.Query12.Last;
    if (form4.Query12.Fields[0].AsString<>'') then begin
        form4.Edit9.Text:=form4.Query12.Fields[0].AsString+'
'+form4.Query12.Fields[1].AsString;
    if (form4.Query12.Fields[2].AsString='FEMALE') then begin
        if (form4.Query12.Fields[4].AsString='REZERVE') then begin
            form4.edit9.Color:=clyellow;
        end;
    end;
    if (form4.Query12.Fields[2].AsString='MALE') then begin
        if (form4.Query12.Fields[4].AsString='REZERVE') then begin
            form4.edit9.Color:=cllime;
        end;
    end;
    if (form4.Query12.Fields[2].AsString='MALE') then begin
        if (form4.Query12.Fields[4].AsString='SELLING') then begin
            form4.edit9.Color:=clblue;
        end;
    end;
    if (form4.Query12.Fields[2].AsString='FEMALE') then begin

```

```

    if (form4.Query12.Fields[4].AsString='SELLING') then begin
    form4.edit9.Color:=clred;
    end;
end;
end;

//seat 10
form4.Query13.SQL.Clear;
form4.Query13.SQL.Text:='select * from seat10 where ployno='+#39+a+#39;
form4.query13.Open;
form4.Query13.Last;
    if (form4.Query13.Fields[0].AsString<>'') then begin
    form4.Edit10.Text:=form4.Query13.Fields[0].AsString+'
    '+form4.Query13.Fields[1].AsString;
if (form4.Query13.Fields[2].AsString='FEMALE') then begin
    if (form4.Query13.Fields[4].AsString='REZERVE') then begin
    form4.edit10.Color:=clyellow;
    end;
end;
if (form4.Query13.Fields[2].AsString='MALE') then begin
    if (form4.Query13.Fields[4].AsString='REZERVE') then begin
    form4.edit10.Color:=cllime;
    end;
end;
if (form4.Query13.Fields[2].AsString='MALE') then begin
    if (form4.Query13.Fields[4].AsString='SELLING') then begin
    form4.edit10.Color:=clblue;
    end;
end;
if (form4.Query13.Fields[2].AsString='FEMALE') then begin
    if (form4.Query13.Fields[4].AsString='SELLING') then begin
    form4.edit10.Color:=clred;
    end;
end;
end;

```



```

end;

//seat 11
form4.Query14.SQL.Clear;
form4.Query14.SQL.Text:='select * from seat11 where ployno='+#39+a+#39;
form4.query14.Open;
form4.Query14.Last;
    if (form4.Query14.Fields[0].AsString<>'') then begin
        form4.Edit11.Text:=form4.Query14.Fields[0].AsString+'
'+form4.Query14.Fields[1].AsString;
if (form4.Query14.Fields[2].AsString='FEMALE') then begin
    if (form4.Query14.Fields[4].AsString='REZERVE') then begin
        form4.edit11.Color:=clyellow;
        end;
end;

if (form4.Query14.Fields[2].AsString='MALE') then begin
    if (form4.Query14.Fields[4].AsString='REZERVE') then begin
        form4.edit11.Color:=cllime;
        end;
end;

if (form4.Query14.Fields[2].AsString='MALE') then begin
    if (form4.Query14.Fields[4].AsString='SELLING') then begin
        form4.edit11.Color:=clblue;
        end;
end;

if (form4.Query14.Fields[2].AsString='FEMALE') then begin
    if (form4.Query14.Fields[4].AsString='SELLING') then begin
        form4.edit11.Color:=clred;
        end;
end;

end;
end;

//seat 12
form4.Query15.SQL.Clear;

```

```

form4.Query15.SQL.Text:='select * from seat12 where ployno='+#39+a+#39;
form4.query15.Open;
form4.Query15.Last;
    if (form4.Query15.Fields[0].AsString<>") then BEGIN
        form4.Edit12.Text:=form4.Query15.Fields[0].AsString+'
        '+form4.Query15.Fields[1].AsString;
if (form4.Query15.Fields[2].AsString='FEMALE') then begin
    if (form4.Query15.Fields[4].AsString='REZERVE') then begin
        form4.edit12.Color:=clyellow;
    end;
end;
if (form4.Query15.Fields[2].AsString='MALE') then begin
    if (form4.Query15.Fields[4].AsString='REZERVE') then begin
        form4.edit12.Color:=cllime;
    end;
end;
if (form4.Query15.Fields[2].AsString='MALE') then begin
    if (form4.Query15.Fields[4].AsString='SELLING') then begin
        form4.edit12.Color:=clblue;
    end;
end;
if (form4.Query15.Fields[2].AsString='FEMALE') then begin
    if (form4.Query15.Fields[4].AsString='SELLING') then begin
        form4.edit12.Color:=clred;
    end;
end;
end;
end;

//seat 13
form4.Query16.SQL.Clear;
form4.Query16.SQL.Text:='select * from seat13 where ployno='+#39+a+#39;
form4.query16.Open;
form4.Query16.Last;
if (form4.Query16.Fields[0].AsString<>") then begin

```

```

form4.Edit13.Text:=form4.Query16.Fields[0].AsString+'
'+form4.Query16.Fields[1].AsString;
    if (form4.Query16.Fields[2].AsString='FEMALE') then begin
    if (form4.Query16.Fields[4].AsString='REZERVE') then begin
        form4.edit13.Color:=clyellow;
        end;
    end;
end;
if (form4.Query16.Fields[2].AsString='MALE') then begin
    if (form4.Query16.Fields[4].AsString='REZERVE') then begin
        form4.edit13.Color:=cllime;
        end;
    end;
end;
if (form4.Query16.Fields[2].AsString='MALE') then begin
    if (form4.Query16.Fields[4].AsString='SELLING') then begin
        form4.edit13.Color:=clblue;
        end;
    end;
end;
if (form4.Query16.Fields[2].AsString='FEMALE') then begin
    if (form4.Query16.Fields[4].AsString='SELLING') then begin
        form4.edit13.Color:=clred;
        end;
    end;
end;
end;
end;

//seat 14
form4.Query17.SQL.Clear;
form4.Query17.SQL.Text:='select * from seat14 where ployno='+#39+a+#39;
form4.query17.Open;
form4.Query17.Last;
    if (form4.Query17.Fields[0].AsString<>'') then begin
        form4.Edit14.Text:=form4.Query17.Fields[0].AsString+'
'+form4.Query17.Fields[1].AsString;
    if (form4.Query17.Fields[2].AsString='FEMALE') then begin
    if (form4.Query17.Fields[4].AsString='REZERVE') then begin

```

```

form4.edit14.Color:=clyellow;
end;
end;
if (form4.Query17.Fields[2].AsString='MALE') then begin
    if (form4.Query17.Fields[4].AsString='REZERVE') then begin
        form4.edit14.Color:=cllime;
    end;
end;
if (form4.Query17.Fields[2].AsString='MALE') then begin
    if (form4.Query17.Fields[4].AsString='SELLING') then begin
        form4.edit14.Color:=clblue;
    end;
end;
if (form4.Query17.Fields[2].AsString='FEMALE') then begin
    if (form4.Query17.Fields[4].AsString='SELLING') then begin
        form4.edit14.Color:=clred;
    end;
end;
end;
end;

//seat 15
form4.Query18.SQL.Clear;
form4.Query18.SQL.Text:='select * from seat15 where ployno='+#39+a+#39;
form4.query18.Open;
form4.Query18.Last;
    if (form4.Query18.Fields[0].AsString<>'') then begin
        form4.Edit15.Text:=form4.Query18.Fields[0].AsString+'
'+form4.Query18.Fields[1].AsString;
    if (form4.Query18.Fields[2].AsString='FEMALE') then begin
        if (form4.Query18.Fields[4].AsString='REZERVE') then begin
            form4.edit15.Color:=clyellow;
        end;
    end;
end;
if (form4.Query18.Fields[2].AsString='MALE') then begin

```



```

    if (form4.Query18.Fields[4].AsString='REZERVE') then begin
        form4.edit15.Color:=cllime;
    end;
end;
if (form4.Query18.Fields[2].AsString='MALE') then begin
    if (form4.Query18.Fields[4].AsString='SELLING') then begin
        form4.edit15.Color:=clblue;
    end;
end;
if (form4.Query18.Fields[2].AsString='FEMALE') then begin
    if (form4.Query18.Fields[4].AsString='SELLING') then begin
        form4.edit15.Color:=clred;
    end;
end;
end;
end;

//seat 16
form4.Query19.SQL.Clear;
form4.Query19.SQL.Text:='select * from seat16 where ployno='+#39+a+#39;
form4.query19.Open;
form4.Query19.Last;
    if (form4.Query19.Fields[0].AsString<>'') then begin
        form4.Edit16.Text:=form4.Query19.Fields[0].AsString+'
        '+form4.Query19.Fields[1].AsString;
    if (form4.Query19.Fields[2].AsString='FEMALE') then begin
        if (form4.Query19.Fields[4].AsString='REZERVE') then begin
            form4.edit16.Color:=clyellow;
        end;
    end;
end;
if (form4.Query19.Fields[2].AsString='MALE') then begin
    if (form4.Query19.Fields[4].AsString='REZERVE') then begin
        form4.edit16.Color:=cllime;
    end;
end;
end;

```

```

if (form4.Query19.Fields[2].AsString='MALE') then begin
    if (form4.Query19.Fields[4].AsString='SELLING') then begin
        form4.edit16.Color:=clblue;
    end;
end;

if (form4.Query19.Fields[2].AsString='FEMALE') then begin
    if (form4.Query19.Fields[4].AsString='SELLING') then begin
        form4.edit16.Color:=clred;
    end;
end;

end;

//seat 17
form4.Query20.SQL.Clear;
form4.Query20.SQL.Text:='select * from seat17 where ployno='+#39+a+#39;
form4.query20.Open;
form4.Query20.Last;
    if (form4.Query20.Fields[0].AsString<>'') then begin
        form4.Edit17.Text:=form4.Query20.Fields[0].AsString+'
        '+form4.Query20.Fields[1].AsString;
    if (form4.Query20.Fields[2].AsString='FEMALE') then begin
        if (form4.Query20.Fields[4].AsString='REZERVE') then begin
            form4.edit17.Color:=clyellow;
        end;
    end;

    if (form4.Query20.Fields[2].AsString='MALE') then begin
        if (form4.Query20.Fields[4].AsString='REZERVE') then begin
            form4.edit17.Color:=cllime;
        end;
    end;

    if (form4.Query20.Fields[2].AsString='MALE') then begin
        if (form4.Query20.Fields[4].AsString='SELLING') then begin
            form4.edit17.Color:=clblue;
        end;
    end;

```

```

end;
if (form4.Query20.Fields[2].AsString='FEMALE') then begin
    if (form4.Query20.Fields[4].AsString='SELLING') then begin
        form4.edit17.Color:=clred;
    end;
end;
end;
end;

//seat 18
form4.Query21.SQL.Clear;
form4.Query21.SQL.Text:='select * from seat18 where ployno='+#39+a+#39;
form4.query21.Open;
form4.Query21.Last;
    if (form4.Query21.Fields[0].AsString<>'') then begin
        form4.Edit18.Text:=form4.Query21.Fields[0].AsString+'
'+form4.Query21.Fields[1].AsString;
    if (form4.Query21.Fields[2].AsString='FEMALE') then begin
        if (form4.Query21.Fields[4].AsString='REZERVE') then begin
            form4.edit18.Color:=clyellow;
        end;
    end;
end;
if (form4.Query21.Fields[2].AsString='MALE') then begin
    if (form4.Query21.Fields[4].AsString='REZERVE') then begin
        form4.edit18.Color:=cllime;
    end;
end;
end;
if (form4.Query21.Fields[2].AsString='MALE') then begin
    if (form4.Query21.Fields[4].AsString='SELLING') then begin
        form4.edit18.Color:=clblue;
    end;
end;
end;
if (form4.Query21.Fields[2].AsString='FEMALE') then begin
    if (form4.Query21.Fields[4].AsString='SELLING') then begin
        form4.edit18.Color:=clred;
    end;
end;

```

```

end;
end;
end;

//seat 19
form4.Query22.SQL.Clear;
form4.Query22.SQL.Text:='select * from seat19 where ployno='+#39+a+#39;
form4.query22.Open;
form4.Query22.Last;
if (form4.Query22.Fields[0].AsString<>") then begin
    form4.Edit19.Text:=form4.Query22.Fields[0].AsString+'
    '+form4.Query22.Fields[1].AsString;
if (form4.Query22.Fields[2].AsString='FEMALE') then begin
    if (form4.Query22.Fields[4].AsString='REZERVE') then begin
        form4.edit19.Color:=clyellow;
    end;
end;
if (form4.Query22.Fields[2].AsString='MALE') then begin
    if (form4.Query22.Fields[4].AsString='REZERVE') then begin
        form4.edit19.Color:=cllime;
    end;
end;
if (form4.Query22.Fields[2].AsString='MALE') then begin
    if (form4.Query22.Fields[4].AsString='SELLING') then begin
        form4.edit19.Color:=clblue;
    end;
end;
if (form4.Query22.Fields[2].AsString='FEMALE') then begin
    if (form4.Query22.Fields[4].AsString='SELLING') then begin
        form4.edit19.Color:=clred;
    end;
end;
end;
end;

```



```

//seat 20
form4.Query23.SQL.Clear;
form4.Query23.SQL.Text:='select * from seat20 where ployno='+#39+a+#39;
form4.query23.Open;
form4.Query23.Last;
    if (form4.Query23.Fields[0].AsString<>") then begin
        form4.Edit20.Text:=form4.Query23.Fields[0].AsString+'
        '+form4.Query23.Fields[1].AsString;
if (form4.Query23.Fields[2].AsString='FEMALE') then begin
    if (form4.Query23.Fields[4].AsString='REZERVE') then begin
        form4.edit20.Color:=clyellow;
        end;
end;
if (form4.Query23.Fields[2].AsString='MALE') then begin
    if (form4.Query23.Fields[4].AsString='REZERVE') then begin
        form4.edit20.Color:=cllime;
        end;
end;
if (form4.Query23.Fields[2].AsString='MALE') then begin
    if (form4.Query23.Fields[4].AsString='SELLING') then begin
        form4.edit20.Color:=clblue;
        end;
end;
if (form4.Query23.Fields[2].AsString='FEMALE') then begin
    if (form4.Query23.Fields[4].AsString='SELLING') then begin
        form4.edit20.Color:=clred;
        end;
end;
end;
end;

//seat 21
form4.Query24.SQL.Clear;
form4.Query24.SQL.Text:='select * from seat21 where ployno='+#39+a+#39;

```

```

form4.query24.Open;
form4.Query24.Last;
    if (form4.Query24.Fields[0].AsString<>") then begin
        form4.Edit21.Text:=form4.Query24.Fields[0].AsString+'
        '+form4.Query24.Fields[1].AsString;
    if (form4.Query24.Fields[2].AsString='FEMALE') then begin
        if (form4.Query24.Fields[4].AsString='REZERVE') then begin
            form4.edit21.Color:=clyellow;
        end;
    end;
    if (form4.Query24.Fields[2].AsString='MALE') then begin
        if (form4.Query24.Fields[4].AsString='REZERVE') then begin
            form4.edit21.Color:=cllime;
        end;
    end;
    if (form4.Query24.Fields[2].AsString='MALE') then begin
        if (form4.Query24.Fields[4].AsString='SELLING') then begin
            form4.edit21.Color:=clblue;
        end;
    end;
    if (form4.Query24.Fields[2].AsString='FEMALE') then begin
        if (form4.Query24.Fields[4].AsString='SELLING') then begin
            form4.edit21.Color:=clred;
        end;
    end;
end;
end;

//seat 22
form4.Query25.SQL.Clear;
form4.Query25.SQL.Text:='select * from seat22 where ployno='+#39+a+#39;
form4.query25.Open;
form4.Query25.Last;
    if (form4.Query25.Fields[0].AsString<>") then begin

```

```

form4.Edit22.Text:=form4.Query25.Fields[0].AsString+'
'+form4.Query25.Fields[1].AsString;
if (form4.Query25.Fields[2].AsString='FEMALE') then begin
    if (form4.Query25.Fields[4].AsString='REZERVE') then begin
        form4.edit22.Color:=clyellow;
    end;
end;
if (form4.Query25.Fields[2].AsString='MALE') then begin
    if (form4.Query25.Fields[4].AsString='REZERVE') then begin
        form4.edit22.Color:=cllime;
    end;
end;
if (form4.Query25.Fields[2].AsString='MALE') then begin
    if (form4.Query25.Fields[4].AsString='SELLING') then begin
        form4.edit22.Color:=clblue;
    end;
end;
if (form4.Query25.Fields[2].AsString='FEMALE') then begin
    if (form4.Query25.Fields[4].AsString='SELLING') then begin
        form4.edit22.Color:=clred;
    end;
end;
end;
end;

//seat 23
form4.Query26.SQL.Clear;
form4.Query26.SQL.Text:='select * from seat23 where ployno='+#39+a+#39;
form4.query26.Open;
form4.Query26.Last;
    if (form4.Query26.Fields[0].AsString<>'') then begin
        form4.Edit23.Text:=form4.Query26.Fields[0].AsString+'
'+form4.Query26.Fields[1].AsString;
if (form4.Query26.Fields[2].AsString='FEMALE') then begin
    if (form4.Query26.Fields[4].AsString='REZERVE') then begin

```

```

form4.edit23.Color:=clyellow;
end;
end;
if (form4.Query26.Fields[2].AsString='MALE') then begin
    if (form4.Query26.Fields[4].AsString='REZERVE') then begin
        form4.edit23.Color:=cllime;
        end;
    end;
end;
if (form4.Query26.Fields[2].AsString='MALE') then begin
    if (form4.Query26.Fields[4].AsString='SELLING') then begin
        form4.edit23.Color:=clblue;
        end;
    end;
end;
if (form4.Query26.Fields[2].AsString='FEMALE') then begin
    if (form4.Query26.Fields[4].AsString='SELLING') then begin
        form4.edit23.Color:=clred;
        end;
    end;
end;
end;

//seat 24
form4.Query27.SQL.Clear;
form4.Query27.SQL.Text:='select * from seat24 where ployno='+#39+a+#39;
form4.query27.Open;
form4.Query27.Last;
    if (form4.Query27.Fields[0].AsString<>'') then begin
        form4.Edit24.Text:=form4.Query27.Fields[0].AsString+'
'+form4.Query27.Fields[1].AsString;
    end;
if (form4.Query27.Fields[2].AsString='FEMALE') then begin
    if (form4.Query27.Fields[4].AsString='REZERVE') then begin
        form4.edit24.Color:=clyellow;
        end;
    end;
end;
if (form4.Query27.Fields[2].AsString='MALE') then begin

```



```

if (form4.Query27.Fields[4].AsString='REZERVE') then begin
form4.edit24.Color:=cllime;
end;
end;
if (form4.Query27.Fields[2].AsString='MALE') then begin
    if (form4.Query27.Fields[4].AsString='SELLING') then begin
        form4.edit24.Color:=clblue;
        end;
    end;
if (form4.Query27.Fields[2].AsString='FEMALE') then begin
    if (form4.Query27.Fields[4].AsString='SELLING') then begin
        form4.edit24.Color:=clred;
        end;
    end;
end;
end;
end;

//seat 25
form4.Query28.SQL.Clear;
form4.Query28.SQL.Text:='select * from seat25 where ployno='+#39+a+#39;
form4.query28.Open;
form4.Query28.Last;
    if (form4.Query28.Fields[0].AsString<>'') then begin
        form4.Edit25.Text:=form4.Query28.Fields[0].AsString+'
'+form4.Query28.Fields[1].AsString;
if (form4.Query28.Fields[2].AsString='FEMALE') then begin
    if (form4.Query28.Fields[4].AsString='REZERVE') then begin
        form4.edit25.Color:=clyellow;
        end;
    end;
end;
if (form4.Query28.Fields[2].AsString='MALE') then begin
    if (form4.Query28.Fields[4].AsString='REZERVE') then begin
        form4.edit25.Color:=cllime;
        end;
    end;
end;
end;

```

```

if (form4.Query28.Fields[2].AsString='MALE') then begin
    if (form4.Query28.Fields[4].AsString='SELLING') then begin
        form4.edit25.Color:=clblue;
    end;
end;

if (form4.Query28.Fields[2].AsString='FEMALE') then begin
    if (form4.Query28.Fields[4].AsString='SELLING') then begin
        form4.edit25.Color:=clred;
    end;
end;

end;

end;

//seat 26
form4.Query29.SQL.Clear;
form4.Query29.SQL.Text:='select * from seat26 where ployno='+#39+a+#39;
form4.query29.Open;
form4.Query29.Last;
    if (form4.Query29.Fields[0].AsString<>'') then begin
        form4.Edit26.Text:=form4.Query29.Fields[0].AsString+'
'+form4.Query29.Fields[1].AsString;
    if (form4.Query29.Fields[2].AsString='FEMALE') then begin
        if (form4.Query29.Fields[4].AsString='REZERVE') then begin
            form4.edit26.Color:=clyellow;
        end;
    end;

end;

if (form4.Query29.Fields[2].AsString='MALE') then begin
    if (form4.Query29.Fields[4].AsString='REZERVE') then begin
        form4.edit26.Color:=cllime;
    end;
end;

if (form4.Query29.Fields[2].AsString='MALE') then begin
    if (form4.Query29.Fields[4].AsString='SELLING') then begin
        form4.edit26.Color:=clblue;
    end;
end;

```

```

end;
if (form4.Query29.Fields[2].AsString='FEMALE') then begin
    if (form4.Query29.Fields[4].AsString='SELLING') then begin
        form4.edit26.Color:=clred;
    end;
end;
end;
end;

//seat 27
form4.Query30.SQL.Clear;
form4.Query30.SQL.Text:='select * from seat27 where ployno='+#39+a+#39;
form4.query30.Open;
form4.Query30.Last;
    if (form4.Query30.Fields[0].AsString<>'') then begin
        form4.Edit27.Text:=form4.Query30.Fields[0].AsString+'
        '+form4.Query30.Fields[1].AsString;
    if (form4.Query30.Fields[2].AsString='FEMALE') then begin
        if (form4.Query30.Fields[4].AsString='REZERVE') then begin
            form4.edit27.Color:=clyellow;
        end;
    end;
end;
if (form4.Query30.Fields[2].AsString='MALE') then begin
    if (form4.Query30.Fields[4].AsString='REZERVE') then begin
        form4.edit27.Color:=cllime;
    end;
end;
end;

if (form4.Query30.Fields[2].AsString='MALE') then begin
    if (form4.Query30.Fields[4].AsString='SELLING') then begin
        form4.edit27.Color:=clblue;
    end;
end;
end;
if (form4.Query30.Fields[2].AsString='FEMALE') then begin
    if (form4.Query30.Fields[4].AsString='SELLING') then begin

```

```

form4.edit27.Color:=clred;
end;
end;
end;

//seat 28
form4.Query31.SQL.Clear;
form4.Query31.SQL.Text:='select * from seat28 where ployno='+#39+a+#39;
form4.query31.Open;
form4.Query31.Last;
    if (form4.Query31.Fields[0].AsString<>") then begin
        form4.Edit28.Text:=form4.Query31.Fields[0].AsString+"+
        form4.Query31.Fields[1].AsString;
if (form4.Query31.Fields[2].AsString='FEMALE') then begin
    if (form4.Query31.Fields[4].AsString='REZERVE') then begin
        form4.edit28.Color:=clyellow;
        end;
end;
if (form4.Query31.Fields[2].AsString='MALE') then begin
    if (form4.Query31.Fields[4].AsString='REZERVE') then begin
        form4.edit28.Color:=cllime;
        end;
end;
if (form4.Query31.Fields[2].AsString='MALE') then begin
    if (form4.Query31.Fields[4].AsString='SELLING') then begin
        form4.edit28.Color:=clblue;
        end;
end;
if (form4.Query31.Fields[2].AsString='FEMALE') then begin
    if (form4.Query31.Fields[4].AsString='SELLING') then begin
        form4.edit28.Color:=clred;
        end;
end;
end;
end;

```



```

//seat 29
form4.Query32.SQL.Clear;
form4.Query32.SQL.Text:='select * from seat29 where ployno='+#39+a+#39;
form4.query32.Open;
form4.Query32.Last;
    if (form4.Query32.Fields[0].AsString<>") then begin
        form4.Edit29.Text:=form4.Query32.Fields[0].AsString+'
        '+form4.Query32.Fields[1].AsString;
    if (form4.Query32.Fields[2].AsString='FEMALE') then begin
        if (form4.Query32.Fields[4].AsString='REZERVE') then begin
            form4.edit29.Color:=clyellow;
        end;
    end;
    if (form4.Query32.Fields[2].AsString='MALE') then begin
        if (form4.Query32.Fields[4].AsString='REZERVE') then begin
            form4.edit29.Color:=cllime;
        end;
    end;
    if (form4.Query32.Fields[2].AsString='MALE') then begin
        if (form4.Query32.Fields[4].AsString='SELLING') then begin
            form4.edit29.Color:=clblue;
        end;
    end;
    if (form4.Query32.Fields[2].AsString='FEMALE') then begin
        if (form4.Query32.Fields[4].AsString='SELLING') then begin
            form4.edit29.Color:=clred;
        end;
    end;
end;
end;

//seat 30
form4.Query33.SQL.Clear;
form4.Query33.SQL.Text:='select * from seat30 where ployno='+#39+a+#39;

```

```

form4.query33.Open;
form4.Query33.Last;
    if (form4.Query33.Fields[0].AsString<>") then begin
        form4.Edit30.Text:=form4.Query33.Fields[0].AsString+'
        '+form4.Query33.Fields[1].AsString;
    if (form4.Query33.Fields[2].AsString='FEMALE') then begin
        if (form4.Query33.Fields[4].AsString='REZERVE') then begin
            form4.edit30.Color:=clyellow;
        end;
    end;
end;
if (form4.Query33.Fields[2].AsString='MALE') then begin
    if (form4.Query33.Fields[4].AsString='REZERVE') then begin
        form4.edit30.Color:=cllime;
    end;
end;
if (form4.Query33.Fields[2].AsString='MALE') then begin
    if (form4.Query33.Fields[4].AsString='SELLING') then begin
        form4.edit30.Color:=clblue;
    end;
end;
if (form4.Query33.Fields[2].AsString='FEMALE') then begin
    if (form4.Query33.Fields[4].AsString='SELLING') then begin
        form4.edit30.Color:=clred;
    end;
end;
end;
end;

//seat 31
form4.Query34.SQL.Clear;
form4.Query34.SQL.Text:='select * from seat31 where ployno='+#39+a+#39;
    form4.query34.Open;
    form4.Query34.Last;
    if (form4.Query34.Fields[0].AsString<>") then begin

```

```

form4.Edit31.Text:=form4.Query34.Fields[0].AsString+'
'+form4.Query34.Fields[1].AsString;
if (form4.Query34.Fields[2].AsString='FEMALE') then begin
    if (form4.Query34.Fields[4].AsString='REZERVE') then begin
        form4.edit31.Color:=clyellow;
    end;
end;
if (form4.Query34.Fields[2].AsString='MALE') then begin
    if (form4.Query34.Fields[4].AsString='REZERVE') then begin
        form4.edit31.Color:=cllime;
    end;
end;
if (form4.Query34.Fields[2].AsString='MALE') then begin
    if (form4.Query34.Fields[4].AsString='SELLING') then begin
        form4.edit31.Color:=clblue;
    end;
end;
if (form4.Query34.Fields[2].AsString='FEMALE') then begin
    if (form4.Query34.Fields[4].AsString='SELLING') then begin
        form4.edit31.Color:=clred;
    end;
end;
end;

//seat 32
form4.Query35.SQL.Clear;
form4.Query35.SQL.Text:='select * from seat32 where ployno='+#39+a+#39;
form4.query35.Open;
form4.Query35.Last;
    if (form4.Query35.Fields[0].AsString<>'') then begin
        form4.Edit32.Text:=form4.Query35.Fields[0].AsString+'
'+form4.Query35.Fields[1].AsString;
if (form4.Query35.Fields[2].AsString='FEMALE') then begin
    if (form4.Query35.Fields[4].AsString='REZERVE') then begin

```

```

form4.edit32.Color:=clyellow;
end;
end;
if (form4.Query35.Fields[2].AsString='MALE') then begin
    if (form4.Query35.Fields[4].AsString='REZERVE') then begin
        form4.edit32.Color:=cllime;
        end;
    end;
end;
if (form4.Query35.Fields[2].AsString='MALE') then begin
    if (form4.Query35.Fields[4].AsString='SELLING') then begin
        form4.edit32.Color:=clblue;
        end;
    end;
end;
if (form4.Query35.Fields[2].AsString='FEMALE') then begin
    if (form4.Query35.Fields[4].AsString='SELLING') then begin
        form4.edit32.Color:=clred;
        end;
    end;
end;
end;

//seat 33
form4.Query36.SQL.Clear;
form4.Query36.SQL.Text:='select * from seat33 where ployno='+#39+a+#39;
form4.query36.Open;
form4.Query36.Last;
    if (form4.Query36.Fields[0].AsString<>'') then begin
        form4.Edit33.Text:=form4.Query36.Fields[0].AsString+'
'+form4.Query36.Fields[1].AsString;
    end;
if (form4.Query36.Fields[2].AsString='FEMALE') then begin
    if (form4.Query36.Fields[4].AsString='REZERVE') then begin
        form4.edit33.Color:=clyellow;
        end;
    end;
end;
if (form4.Query36.Fields[2].AsString='MALE') then begin

```



```

if (form4.Query36.Fields[4].AsString='REZERVE') then begin
form4.edit33.Color:=cllime;
end;
end;
if (form4.Query36.Fields[2].AsString='MALE') then begin
    if (form4.Query36.Fields[4].AsString='SELLING') then begin
        form4.edit33.Color:=clblue;
        end;
    end;
end;
if (form4.Query36.Fields[2].AsString='FEMALE') then begin
    if (form4.Query36.Fields[4].AsString='SELLING') then begin
        form4.edit33.Color:=clred;
        end;
    end;
end;
end;

//seat 34
form4.Query37.SQL.Clear;
form4.Query37.SQL.Text:='select * from seat34 where ployno='+#39+a+#39;
form4.query37.Open;
form4.Query37.Last;
    if (form4.Query37.Fields[0].AsString<>'') then begin
        form4.Edit34.Text:=form4.Query37.Fields[0].AsString+'
'+form4.Query37.Fields[1].AsString;
    if (form4.Query37.Fields[2].AsString='FEMALE') then begin
        if (form4.Query37.Fields[4].AsString='REZERVE') then begin
            form4.edit34.Color:=clyellow;
            end;
        end;
    if (form4.Query37.Fields[2].AsString='MALE') then begin
        if (form4.Query37.Fields[4].AsString='REZERVE') then begin
            form4.edit34.Color:=cllime;
            end;
        end;
    end;
end;

```

```

if (form4.Query37.Fields[2].AsString='MALE') then begin
    if (form4.Query37.Fields[4].AsString='SELLING') then begin
        form4.edit34.Color:=clblue;
    end;
end;

if (form4.Query37.Fields[2].AsString='FEMALE') then begin
    if (form4.Query37.Fields[4].AsString='SELLING') then begin
        form4.edit34.Color:=clred;
    end;
end;

end;

end;

//seat 35
form4.Query38.SQL.Clear;
form4.Query38.SQL.Text:='select * from seat35 where ployno='+#39+a+#39;
form4.query38.Open;
form4.Query38.Last;
    if (form4.Query38.Fields[0].AsString<>'') then begin
        form4.Edit35.Text:=form4.Query38.Fields[0].AsString+'
'+form4.Query38.Fields[1].AsString;
    if (form4.Query38.Fields[2].AsString='FEMALE') then begin
        if (form4.Query38.Fields[4].AsString='REZERVE') then begin
            form4.edit35.Color:=clyellow;
        end;
    end;
end;

if (form4.Query38.Fields[2].AsString='MALE') then begin
    if (form4.Query38.Fields[4].AsString='REZERVE') then begin
        form4.edit35.Color:=cllime;
    end;
end;

if (form4.Query38.Fields[2].AsString='MALE') then begin
    if (form4.Query38.Fields[4].AsString='SELLING') then begin
        form4.edit35.Color:=clblue;
    end;
end;

```

```

end;
if (form4.Query38.Fields[2].AsString='FEMALE') then begin
    if (form4.Query38.Fields[4].AsString='SELLING') then begin
        form4.edit35.Color:=clred;
    end;
end;
end;
end;

//seat 36
form4.Query39.SQL.Clear;
form4.Query39.SQL.Text:='select * from seat36 where ployno='+#39+a+#39;
form4.query39.Open;
form4.Query39.Last;
    if (form4.Query39.Fields[0].AsString<>'') then begin
        form4.Edit36.Text:=form4.Query39.Fields[0].AsString+'
'+form4.Query39.Fields[1].AsString;
if (form4.Query39.Fields[2].AsString='FEMALE') then begin
    if (form4.Query39.Fields[4].AsString='REZERVE') then begin
        form4.edit36.Color:=clyellow;
    end;
end;
end;
if (form4.Query39.Fields[2].AsString='MALE') then begin
    if (form4.Query39.Fields[4].AsString='REZERVE') then begin
        form4.edit36.Color:=cllime;
    end;
end;
end;
if (form4.Query39.Fields[2].AsString='MALE') then begin
    if (form4.Query39.Fields[4].AsString='SELLING') then begin
        form4.edit36.Color:=clblue;
    end;
end;
end;
if (form4.Query39.Fields[2].AsString='FEMALE') then begin
    if (form4.Query39.Fields[4].AsString='SELLING') then begin
        form4.edit36.Color:=clred;
    end;
end;

```

```

end;
end;
end;

//seat 37
form4.Query40.SQL.Clear;
form4.Query40.SQL.Text:='select * from seat37 where ployno='+#39+a+#39;
form4.query40.Open;
form4.Query40.Last;

    if (form4.Query40.Fields[0].AsString<>'') then begin
        form4.Edit37.Text:=form4.Query40.Fields[0].AsString+'
        '+form4.Query40.Fields[1].AsString;
    if (form4.Query40.Fields[2].AsString='FEMALE') then begin
        if (form4.Query40.Fields[4].AsString='REZERVE') then begin
            form4.edit37.Color:=clyellow;
            end;
        end;
    if (form4.Query40.Fields[2].AsString='MALE') then begin
        if (form4.Query40.Fields[4].AsString='REZERVE') then begin
            form4.edit37.Color:=cllime;
            end;
        end;
    if (form4.Query40.Fields[2].AsString='MALE') then begin
        if (form4.Query40.Fields[4].AsString='SELLING') then begin
            form4.edit37.Color:=clblue;
            end;
        end;
    if (form4.Query40.Fields[2].AsString='FEMALE') then begin
        if (form4.Query40.Fields[4].AsString='SELLING') then begin
            form4.edit37.Color:=clred;
            end;
        end;
    end;
end;

```



```

//seat 38
form4.Query41.SQL.Clear;
form4.Query41.SQL.Text:='select * from seat38 where ployno='+#39+a+#39;
form4.query41.Open;
form4.Query41.Last;
    if (form4.Query41.Fields[0].AsString<>'') then begin
        form4.Edit38.Text:=form4.Query41.Fields[0].AsString+'
        '+form4.Query41.Fields[1].AsString;
    if (form4.Query41.Fields[2].AsString='FEMALE') then begin
        if (form4.Query41.Fields[4].AsString='REZERVE') then begin
            form4.edit38.Color:=clyellow;
            end;
        end;
    end;
    if (form4.Query41.Fields[2].AsString='MALE') then begin
        if (form4.Query41.Fields[4].AsString='REZERVE') then begin
            form4.edit38.Color:=cllime;
            end;
        end;
    if (form4.Query41.Fields[2].AsString='MALE') then begin
        if (form4.Query41.Fields[4].AsString='SELLING') then begin
            form4.edit38.Color:=clblue;
            end;
        end;
    if (form4.Query41.Fields[2].AsString='FEMALE') then begin
        if (form4.Query41.Fields[4].AsString='SELLING') then begin
            form4.edit38.Color:=clred;
            end;
        end;
    end;
end;

//seat 39
form4.Query42.SQL.Clear;
form4.Query42.SQL.Text:='select * from seat39 where ployno='+#39+a+#39;
form4.query42.Open;

```

```

form4.Query42.Last;
    if (form4.Query42.Fields[0].AsString<>"") then begin
        form4.Edit39.Text:=form4.Query42.Fields[0].AsString+'
        '+form4.Query42.Fields[1].AsString;
    if (form4.Query42.Fields[2].AsString='FEMALE') then begin
        if (form4.Query42.Fields[4].AsString='REZERVE') then begin
            form4.edit39.Color:=clyellow;
            end;
        end;
    if (form4.Query42.Fields[2].AsString='MALE') then begin
        if (form4.Query42.Fields[4].AsString='REZERVE') then begin
            form4.edit39.Color:=cllime;
            end;
        end;
    if (form4.Query42.Fields[2].AsString='MALE') then begin
        if (form4.Query42.Fields[4].AsString='SELLING') then begin
            form4.edit39.Color:=clblue;
            end;
        end;
    if (form4.Query42.Fields[2].AsString='FEMALE') then begin
        if (form4.Query42.Fields[4].AsString='SELLING') then begin
            form4.edit39.Color:=clred;
            end;
        end;
    end;
end;
end;

//seat 40
form4.Query43.SQL.Clear;
form4.Query43.SQL.Text:='select * from seat40 where ployno='+#39+a+#39;
form4.query43.Open;
form4.Query43.Last;
    if (form4.Query43.Fields[0].AsString<>"") then begin
        form4.Edit40.Text:=form4.Query43.Fields[0].AsString+'
        '+form4.Query43.Fields[1].AsString;
    end;
end;

```

```

if (form4.Query43.Fields[2].AsString='FEMALE') then begin
    if (form4.Query43.Fields[4].AsString='REZERVE') then begin
        form4.edit40.Color:=clyellow;
    end;
end;

if (form4.Query43.Fields[2].AsString='MALE') then begin
    if (form4.Query43.Fields[4].AsString='REZERVE') then begin
        form4.edit40.Color:=cllime;
    end;
end;

if (form4.Query43.Fields[2].AsString='MALE') then begin
    if (form4.Query43.Fields[4].AsString='SELLING') then begin
        form4.edit40.Color:=clblue;
    end;
end;

if (form4.Query43.Fields[2].AsString='FEMALE') then begin
    if (form4.Query43.Fields[4].AsString='SELLING') then begin
        form4.edit40.Color:=clred;
    end;
end;

end;

//seat 41
form4.Query44.SQL.Clear;
form4.Query44.SQL.Text:='select * from seat41 where ployno='+#39+a+#39;
form4.query44.Open;
form4.Query44.Last;

    if (form4.Query44.Fields[0].AsString<>'') then begin
        form4.Edit41.Text:=form4.Query44.Fields[0].AsString+'
        '+form4.Query44.Fields[1].AsString;
    end;

if (form4.Query44.Fields[2].AsString='FEMALE') then begin
    if (form4.Query44.Fields[4].AsString='REZERVE') then begin
        form4.edit41.Color:=clyellow;
    end;
end;

```

```

        end;
end;
if (form4.Query44.Fields[2].AsString='MALE') then begin
    if (form4.Query44.Fields[4].AsString='REZERVE') then begin
        form4.edit41.Color:=cllime;
    end;
end;
end;
if (form4.Query44.Fields[2].AsString='MALE') then begin
    if (form4.Query44.Fields[4].AsString='SELLING') then begin
        form4.edit41.Color:=clblue;
    end;
end;
end;
if (form4.Query44.Fields[2].AsString='FEMALE') then begin
    if (form4.Query44.Fields[4].AsString='SELLING') then begin
        form4.edit41.Color:=clred;
    end;
end;
end;
end;
//seat 42
form4.Query45.SQL.Clear;
form4.Query45.SQL.Text:='select * from seat42 where ployno='+#39+a+#39;
form4.query45.Open;
form4.Query45.Last;
    if (form4.Query45.Fields[0].AsString<>") then begin
        form4.Edit42.Text:=form4.Query45.Fields[0].AsString+'
        '+form4.Query45.Fields[1].AsString;
    if (form4.Query45.Fields[2].AsString='FEMALE') then begin
        if (form4.Query45.Fields[4].AsString='REZERVE') then begin
            form4.edit42.Color:=clyellow;
        end;
    end;
end;
if (form4.Query45.Fields[2].AsString='MALE') then begin
    if (form4.Query45.Fields[4].AsString='REZERVE') then begin

```



```

        form4.edit42.Color:=cllime;
    end;
end;
if (form4.Query45.Fields[2].AsString='MALE') then begin
    if (form4.Query45.Fields[4].AsString='SELLING') then begin
        form4.edit42.Color:=clblue;
    end;
end;
if (form4.Query45.Fields[2].AsString='FEMALE') then begin
    if (form4.Query45.Fields[4].AsString='SELLING') then begin
        form4.edit42.Color:=clred;
    end;
end;
end;
end;

//seat 43
form4.Query46.SQL.Clear;
form4.Query46.SQL.Text:='select * from seat43 where ployno='+#39+a+#39;
form4.query46.Open;
form4.Query46.Last;
    if (form4.Query46.Fields[0].AsString<>'') then begin
        form4.Edit43.Text:=form4.Query46.Fields[0].AsString+'
        '+form4.Query46.Fields[1].AsString;
    if (form4.Query46.Fields[2].AsString='FEMALE') then begin
        if (form4.Query46.Fields[4].AsString='REZERVE') then begin
            form4.edit43.Color:=clyellow;
        end;
    end;
end;
if (form4.Query46.Fields[2].AsString='MALE') then begin
    if (form4.Query46.Fields[4].AsString='REZERVE') then begin
        form4.edit43.Color:=cllime;
    end;
end;
if (form4.Query46.Fields[2].AsString='MALE') then begin

```

```

        if (form4.Query46.Fields[4].AsString='SELLING') then begin
            form4.edit43.Color:=clblue;
        end;
    end;
if (form4.Query46.Fields[2].AsString='FEMALE') then begin
    if (form4.Query46.Fields[4].AsString='SELLING') then begin
        form4.edit43.Color:=clred;
    end;
end;
end;
end;

//seat 44
form4.Query47.SQL.Clear;
form4.Query47.SQL.Text:='select * from seat44 where ployno='+#39+a+#39;
form4.query47.Open;
form4.Query47.Last;
    if (form4.Query47.Fields[0].AsString<>'') then begin
        form4.Edit44.Text:=form4.Query47.Fields[0].AsString+'
        '+form4.Query47.Fields[1].AsString;
    if (form4.Query44.Fields[2].AsString='FEMALE') then begin
        if (form4.Query44.Fields[4].AsString='REZERVE') then begin
            form4.edit47.Color:=clyellow;
        end;
    end;
end;
if (form4.Query47.Fields[2].AsString='MALE') then begin
    if (form4.Query47.Fields[4].AsString='REZERVE') then begin
        form4.edit44.Color:=cllime;
    end;
end;
if (form4.Query47.Fields[2].AsString='MALE') then begin
    if (form4.Query47.Fields[4].AsString='SELLING') then begin
        form4.edit44.Color:=clblue;
    end;
end;
end;

```

```

if (form4.Query47.Fields[2].AsString='FEMALE') then begin
    if (form4.Query47.Fields[4].AsString='SELLING') then begin
        form4.edit44.Color:=clred;
    end;
end;

end;

end;

//seat 45
form4.Query48.SQL.Clear;
form4.Query48.SQL.Text:='select * from seat45 where ployno='+#39+a+#39;
form4.query48.Open;
form4.Query48.Last;
    if (form4.Query48.Fields[0].AsString<>'') then begin
        form4.Edit45.Text:=form4.Query48.Fields[0].AsString+'
        '+form4.Query48.Fields[1].AsString;
    if (form4.Query48.Fields[2].AsString='FEMALE') then begin
        if (form4.Query48.Fields[4].AsString='REZERVE') then begin
            form4.edit45.Color:=clyellow;
        end;
    end;

    if (form4.Query48.Fields[2].AsString='MALE') then begin
        if (form4.Query48.Fields[4].AsString='REZERVE') then begin
            form4.edit45.Color:=cllime;
        end;
    end;

    if (form4.Query48.Fields[2].AsString='MALE') then begin
        if (form4.Query48.Fields[4].AsString='SELLING') then begin
            form4.edit45.Color:=clblue;
        end;
    end;

    if (form4.Query48.Fields[2].AsString='FEMALE') then begin
        if (form4.Query48.Fields[4].AsString='SELLING') then begin
            form4.edit45.Color:=clred;
        end;
    end;

```

```
end;  
end;  
end;
```

```
procedure resetquery;  
begin
```

```
//seat 1  
form4.Query4.Active:=false;  
form4.Query4.DatabaseName:='derya';  
form4.Query4.RequestLive:=true;  
form4.Query4.SQL.Clear;  
form4.Query4.SQL.Text:='select * from seat1';  
form4.query4.Open;  
form4.Query4.Active:=true;
```

```
//seat 2  
form4.Query5.Active:=false;  
form4.Query5.DatabaseName:='derya';  
form4.Query5.RequestLive:=true;  
form4.Query5.SQL.Clear;  
form4.Query5.SQL.Text:='select * from seat2';  
form4.query5.Open;  
form4.Query5.Active:=true;
```

```
//seat 3  
form4.Query6.Active:=false;  
form4.Query6.DatabaseName:='derya';  
form4.Query6.RequestLive:=true;  
form4.Query6.SQL.Clear;  
form4.Query6.SQL.Text:='select * from seat3';  
form4.query6.Open;  
form4.Query6.Active:=true;
```

```
//seat 4  
form4.Query7.Active:=false;  
form4.Query7.DatabaseName:='derya';  
form4.Query7.RequestLive:=true;  
form4.Query7.SQL.Clear;  
form4.Query7.SQL.Text:='select * from seat4';  
form4.query7.Open;  
form4.Query7.Active:=true;
```

```
//seat 5  
form4.Query8.Active:=false;  
form4.Query8.DatabaseName:='derya';  
form4.Query8.RequestLive:=true;  
form4.Query8.SQL.Clear;  
form4.Query8.SQL.Text:='select * from seat5';
```



```
form4.query8.Open;
form4.Query8.Active:=true;
```

```
//seat 6
form4.Query9.Active:=false;
form4.Query9.DatabaseName:='derya';
form4.Query9.RequestLive:=true;
form4.Query9.SQL.Clear;
form4.Query9.SQL.Text:='select * from seat6';
form4.query9.Open;
form4.Query9.Active:=true;
```

```
//seat 7
form4.Query10.Active:=false;
form4.Query10.DatabaseName:='derya';
form4.Query10.RequestLive:=true;
form4.Query10.SQL.Clear;
form4.Query10.SQL.Text:='select * from seat7';
form4.query10.Open;
form4.Query10.Active:=true;
```

```
//seat 8
form4.Query11.Active:=false;
form4.Query11.DatabaseName:='derya';
form4.Query11.RequestLive:=true;
form4.Query11.SQL.Clear;
form4.Query11.SQL.Text:='select * from seat8';
form4.query11.Open;
form4.Query11.Active:=true;
```

```
//seat 9
form4.Query12.Active:=false;
form4.Query12.DatabaseName:='derya';
form4.Query12.RequestLive:=true;
form4.Query12.SQL.Clear;
form4.Query12.SQL.Text:='select * from seat9';
form4.query12.Open;
form4.Query12.Active:=true;
```

```
//seat 10
form4.Query13.Active:=false;
form4.Query13.DatabaseName:='derya';
form4.Query13.RequestLive:=true;
form4.Query13.SQL.Clear;
form4.Query13.SQL.Text:='select * from seat10';
form4.query13.Open;
form4.Query13.Active:=true;
```

```
//seat 11
form4.Query14.Active:=false;
```

```
form4.Query14.DatabaseName:='derya';
form4.Query14.RequestLive:=true;
form4.Query14.SQL.Clear;
form4.Query14.SQL.Text:='select * from seat11';
form4.query14.Open;
form4.Query14.Active:=true;
```

//seat 12

```
form4.Query15.Active:=false;
form4.Query15.DatabaseName:='derya';
form4.Query15.RequestLive:=true;
form4.Query15.SQL.Clear;
form4.Query15.SQL.Text:='select * from seat12';
form4.query15.Open;
form4.Query15.Active:=true;
```

//seat 13

```
form4.Query16.Active:=false;
form4.Query16.DatabaseName:='derya';
form4.Query16.RequestLive:=true;
form4.Query16.SQL.Clear;
form4.Query16.SQL.Text:='select * from seat13';
form4.query16.Open;
form4.Query16.Active:=true;
```

//seat 14

```
form4.Query17.Active:=false;
form4.Query17.DatabaseName:='derya';
form4.Query17.RequestLive:=true;
form4.Query17.SQL.Clear;
form4.Query17.SQL.Text:='select * from seat14';
form4.query17.Open;
form4.Query17.Active:=true;
```

//seat 15

```
form4.Query18.Active:=false;
form4.Query18.DatabaseName:='derya';
form4.Query18.RequestLive:=true;
form4.Query18.SQL.Clear;
form4.Query18.SQL.Text:='select * from seat15';
form4.query18.Open;
form4.Query18.Active:=true;
```

//seat 16

```
form4.Query19.Active:=false;
form4.Query19.DatabaseName:='derya';
form4.Query19.RequestLive:=true;
form4.Query19.SQL.Clear;
form4.Query19.SQL.Text:='select * from seat16';
form4.query19.Open;
```

```
form4.Query19.Active:=true;
//seat 17
form4.Query20.Active:=false;
form4.Query20.DatabaseName:='derya';
form4.Query20.RequestLive:=true;
form4.Query20.SQL.Clear;
form4.Query20.SQL.Text:='select * from seat17';
form4.query20.Open;
form4.Query20.Active:=true;
```

```
//seat 18
form4.Query21.Active:=false;
form4.Query21.DatabaseName:='derya';
form4.Query21.RequestLive:=true;
form4.Query21.SQL.Clear;
form4.Query21.SQL.Text:='select * from seat18';
form4.query21.Open;
form4.Query21.Active:=true;
```

```
//seat 19
form4.Query22.Active:=false;
form4.Query22.DatabaseName:='derya';
form4.Query22.RequestLive:=true;
form4.Query22.SQL.Clear;
form4.Query22.SQL.Text:='select * from seat19';
form4.query22.Open;
form4.Query22.Active:=true;
```

```
//seat 20
form4.Query23.Active:=false;
form4.Query23.DatabaseName:='derya';
form4.Query23.RequestLive:=true;
form4.Query23.SQL.Clear;
form4.Query23.SQL.Text:='select * from seat20';
form4.query23.Open;
form4.Query23.Active:=true;
```

```
//seat 21
form4.Query24.Active:=false;
form4.Query24.DatabaseName:='derya';
form4.Query24.RequestLive:=true;
form4.Query24.SQL.Clear;
form4.Query24.SQL.Text:='select * from seat21';
form4.query24.Open;
form4.Query24.Active:=true;
```

```
//seat 22
form4.Query25.Active:=false;
form4.Query25.DatabaseName:='derya';
form4.Query25.RequestLive:=true;
```



```
form4.Query25.SQL.Clear;
form4.Query25.SQL.Text:='select * from seat22';
form4.query25.Open;
form4.Query25.Active:=true;
//seat 23
form4.Query26.Active:=false;
form4.Query26.DatabaseName:='derya';
form4.Query26.RequestLive:=true;
form4.Query26.SQL.Clear;
form4.Query26.SQL.Text:='select * from seat23';
form4.query26.Open;
form4.Query26.Active:=true;
```

```
//seat 24
form4.Query27.Active:=false;
form4.Query27.DatabaseName:='derya';
form4.Query27.RequestLive:=true;
form4.Query27.SQL.Clear;
form4.Query27.SQL.Text:='select * from seat24';
form4.query27.Open;
form4.Query27.Active:=true;
```

```
//seat 25
form4.Query28.Active:=false;
form4.Query28.DatabaseName:='derya';
form4.Query28.RequestLive:=true;
form4.Query28.SQL.Clear;
form4.Query28.SQL.Text:='select * from seat25';
form4.query28.Open;
form4.Query28.Active:=true,;
```

```
//seat 26
form4.Query29.Active:=false;
form4.Query29.DatabaseName:='derya';
form4.Query29.RequestLive:=true;
form4.Query29.SQL.Clear;
form4.Query29.SQL.Text:='select * from seat26';
form4.query29.Open;
form4.Query29.Active:=true;
```

```
//seat 27
form4.Query30.Active:=false;
form4.Query30.DatabaseName:='derya';
form4.Query30.RequestLive:=true;
form4.Query30.SQL.Clear;
form4.Query30.SQL.Text:='select * from seat27';
form4.query30.Open;
form4.Query30.Active:=true;
```

```
//seat 28
```



```
form4.Query31.Active:=false;
form4.Query31.DatabaseName:='derya';
form4.Query31.RequestLive:=true;
form4.Query31.SQL.Clear;
form4.Query31.SQL.Text:='select * from seat28';
form4.query31.Open;
form4.Query31.Active:=true;
```

//seat 29

```
form4.Query32.Active:=false;
form4.Query32.DatabaseName:='derya';
form4.Query32.RequestLive:=true;
form4.Query32.SQL.Clear;
form4.Query32.SQL.Text:='select * from seat29';
form4.query32.Open;
form4.Query32.Active:=true;
```

//seat 30

```
form4.Query33.Active:=false;
form4.Query33.DatabaseName:='derya';
form4.Query33.RequestLive:=true;
form4.Query33.SQL.Clear;
form4.Query33.SQL.Text:='select * from seat30';
form4.query33.Open;
form4.Query33.Active:=true;
```

//seat 31

```
form4.Query34.Active:=false;
form4.Query34.DatabaseName:='derya';
form4.Query34.RequestLive:=true;
form4.Query34.SQL.Clear;
form4.Query34.SQL.Text:='select * from seat31';
form4.query34.Open;
form4.Query34.Active:=true;
```

//seat 32

```
form4.Query35.Active:=false;
form4.Query35.DatabaseName:='derya';
form4.Query35.RequestLive:=true;
form4.Query35.SQL.Clear;
form4.Query35.SQL.Text:='select * from seat32';
form4.query35.Open;
form4.Query35.Active:=true;
```

//seat 33

```
form4.Query36.Active:=false;
form4.Query36.DatabaseName:='derya';
form4.Query36.RequestLive:=true;
form4.Query36.SQL.Clear;
form4.Query36.SQL.Text:='select * from seat33';
```

```
form4.query36.Open;
form4.Query36.Active:=true;
```

```
//seat 34
```

```
form4.Query37.Active:=false;
form4.Query37.DatabaseName:='derya';
form4.Query37.RequestLive:=true;
form4.Query37.SQL.Clear;
form4.Query37.SQL.Text:='select * from seat34';
form4.query37.Open;
form4.Query34.Active:=true;
```

```
//seat 35
```

```
form4.Query38.Active:=false;
form4.Query38.DatabaseName:='derya';
form4.Query38.RequestLive:=true;
form4.Query38.SQL.Clear;
form4.Query38.SQL.Text:='select * from seat35';
form4.query38.Open;
form4.Query38.Active:=true;
```

```
//seat 36
```

```
form4.Query39.Active:=false;
form4.Query39.DatabaseName:='derya';
form4.Query39.RequestLive:=true;
form4.Query39.SQL.Clear;
form4.Query39.SQL.Text:='select * from seat36';
form4.query39.Open;
form4.Query39.Active:=true;
```

```
//seat 37
```

```
form4.Query40.Active:=false;
form4.Query40.DatabaseName:='derya';
form4.Query40.RequestLive:=true;
form4.Query40.SQL.Clear;
form4.Query40.SQL.Text:='select * from seat37';
form4.query40.Open;
form4.Query40.Active:=true;
```

```
//seat 38
```

```
form4.Query41.Active:=false;
form4.Query41.DatabaseName:='derya';
form4.Query41.RequestLive:=true;
form4.Query41.SQL.Clear;
form4.Query41.SQL.Text:='select * from seat38';
form4.query41.Open;
form4.Query41.Active:=true;
```

```
//seat 39
```

```
form4.Query42.Active:=false;
form4.Query42.DatabaseName:='derya';
form4.Query42.RequestLive:=true;
form4.Query42.SQL.Clear;
form4.Query42.SQL.Text:='select * from seat39';
form4.query42.Open;
form4.Query42.Active:=true;
```

//seat 40

```
form4.Query43.Active:=false;
form4.Query43.DatabaseName:='derya';
form4.Query43.RequestLive:=true;
form4.Query43.SQL.Clear;
form4.Query43.SQL.Text:='select * from seat40';
form4.query43.Open;
form4.Query43.Active:=true;
```

//seat 41

```
form4.Query44.active:=false;
form4.Query44.databaseName:='derya';
form4.Query44.requestLive:=true;
form4.Query44.SQL.Clear;
form4.Query44.SQL.Text:='select * from seat41';
form4.query44.Open;
form4.Query44.Active:=true;
```

//seat 42

```
form4.Query45.Active:=false;
form4.Query45.DatabaseName:='derya';
form4.Query45.RequestLive:=true;
form4.Query45.SQL.Clear;
form4.Query45.SQL.Text:='select * from seat42';
form4.query45.Open;
form4.Query45.Active:=true;
```

//seat 43

```
form4.Query46.Active:=false;
form4.Query46.DatabaseName:='derya';
form4.Query46.RequestLive:=true;
form4.Query46.SQL.Clear;
form4.Query46.SQL.Text:='select * from seat43';
form4.query46.Open;
form4.Query46.Active:=true;
```

//seat 44

```
form4.Query47.Active:=false;
form4.Query47.DatabaseName:='derya';
form4.Query47.RequestLive:=true;
form4.Query47.SQL.Clear;
form4.Query47.SQL.Text:='select * from seat44';
```



```
form4.query47.Open;
form4.Query47.Active:=true;
```

```
//seat 45
form4.Query48.Active:=false;
form4.Query48.DatabaseName:='derya';
form4.Query48.RequestLive:=true;
form4.Query48.SQL.Clear;
form4.Query48.SQL.Text:='select * from seat45';
form4.query48.Open;
form4.Query48.Active:=true;
end;
```

```
function src(a:string;b:string):boolean;
begin
src:=false;
form4.Query3.First;
    while not form4.Query3.eof do
    if (a=form4.Query3.Fields[0].asString) and (b=form4.Query3.Fields[1].asString)then
begin
src:=true;
exit;
end
else
form4.Query3.Next;
end;
Procedure savesell;
begin
    with form4 do begin
query49.Fields[0].AsString:=edit46.Text;
query49.Fields[1].AsString:=edit47.Text;
query49.Fields[2].AsString:=combobox5.Text;
query49.Fields[3].AsString:=edit48.Text;
query49.Fields[4].AsString:=edit49.Text;
query49.Fields[5].AsString:=edit50.Text;
query49.Fields[6].AsString:=edit51.Text;
query49.Fields[7].AsString:=edit52.Text;
query49.Fields[8].AsString:=edit53.Text;
query49.Fields[9].AsString:=edit55.Text;
end;
end;
Procedure saverez;
begin
    with form4 do begin
query50.Fields[0].AsString:=edit46.Text;
query50.Fields[1].AsString:=edit47.Text;
query50.Fields[2].AsString:=combobox5.Text;
query50.Fields[3].AsString:=edit48.Text;
```



```

query50.Fields[4].AsString:=edit49.Text;
query50.Fields[5].AsString:=edit50.Text;
query50.Fields[6].AsString:=edit51.Text;
query50.Fields[7].AsString:=edit52.Text;
query50.Fields[8].AsString:=edit53.Text;
query50.Fields[9].AsString:=edit55.Text;
end;
end;

```

```

procedure TForm4.Button2Click(Sender: TObject);

```

```

var

```

```

a1:word;

```

```

begin

```

```

    if (combobox6.Text='SELLING') then begin

```

```

        query49.Insert;

```

```

        savesell;

```

```

        query49.Fields[10].AsString:=dayselect;

```

```

        query49.Fields[11].AsString:=monselect;

```

```

        query49.Fields[12].AsString:=FormatDateTime('yyyy',Date);

```

```

        query49.Post;

```

```

        query49.SQL.Clear;

```

```

        query49.SQL.Text:='select * from sell where name='+#39+(edit46.Text)+#39+'and
        surname='+#39+(edit47.Text)+#39+'and ploy='+#39+(edit52.Text)+#39;

```

```

        query49.Open;

```

```

        form15.QuickRep1.Preview;

```

```

    end;

```

```

    if (combobox6.Text='REZERVE') then begin

```

```

        a1:=application.MessageBox('New Register ?','Question?',36);

```

```

        if a1=IDYES then

```

```

            begin

```

```

                query50.Insert;

```

```

                saverez;

```

```

                query50.Fields[10].AsString:=dayselect;

```

```

                query50.Fields[11].AsString:=monselect;

```

```

                query50.Fields[12].AsString:=FormatDateTime('yyyy',Date);

```

```

                query50.Post;

```

```

            end else begin

```

```

                query50.SQL.Clear;

```

```

                query50.SQL.Text:='select * from reserve where

```

```

                name='+#39+(edit46.Text)+#39+'and surname='+#39+(edit47.Text)+#39+'and

```

```

                ploy='+#39+(edit52.Text)+#39;

```

```

                query50.Open;

```

```

                query50.Last;

```

```

                query50.Delete;

```

```

                query49.Insert;

```

```

                savesell;

```

```

                query49.Fields[10].AsString:=dayselect;

```

```

                query49.Fields[11].AsString:=monselect;

```

```

                query49.Fields[12].AsString:=FormatDateTime('yyyy',Date);

```

```

                query49.Post;

```

```

    end;
end;
    if k=1 then begin
        if (combobox5.Text='FEMALE') then begin
            if (combobox6.Text='REZERVE') then begin
                edit1.Color:=clyellow;
                edit1.Text:=edit46.Text+' '+edit47.Text;
            end;
        end;
    end;
    if (combobox5.Text='MALE') then begin
        if (combobox6.Text='REZERVE') then begin
            edit1.Color:=cllime;
            edit1.Text:=edit46.Text+' '+edit47.Text;
        end;
    end;
    if (combobox5.Text='MALE') then begin
        if (combobox6.Text='SELLING') then begin
            edit1.Color:=clblue;
            edit1.Text:=edit46.Text+' '+edit47.Text;
        end;
    end;
    if (combobox5.Text='FEMALE') then begin
        if (combobox6.Text='SELLING') then begin
            edit1.Color:=clred;
            edit1.Text:=edit46.Text+' '+edit47.Text;
        end;
    end;
end;

```

```
//k=1
```

```
with form4 do begin
```

```
    if tr=1 then begin
```

```
//seat 1
```

```

QUERY4.Insert;
query4.Fields[0].AsString:=edit46.Text;
query4.Fields[1].AsString:=edit47.Text;
query4.Fields[2].AsString:=combobox5.Text;
query4.Fields[3].AsString:=edit48.Text;
query4.Fields[4].AsString:=combobox6.Text;
query4.Fields[5].AsString:=edit49.Text;
query4.Fields[6].AsString:=edit50.Text;
query4.Fields[7].AsString:=edit51.Text;
query4.Fields[8].AsString:=edit52.Text;
query4.Fields[9].AsString:=edit53.Text;
query4.Fields[10].AsString:=edit54.Text;
query4.Fields[11].AsString:=edit55.Text;
query4.Post;
end;

```

```
    if tr=0 then begin
```

```
//seat 1
query4.SQL.Clear;
query4.SQL.Text:='select * from seat1 where ployno='+#39+(ploysselect)+#39;
query4.Open;
query4.Last;
```

```
QUERY4.edit;
query4.Fields[0].AsString:=edit46.Text;
query4.Fields[1].AsString:=edit47.Text;
query4.Fields[2].AsString:=combobox5.Text;
query4.Fields[3].AsString:=edit48.Text;
query4.Fields[4].AsString:=combobox6.Text;
query4.Fields[5].AsString:=edit49.Text;
query4.Fields[6].AsString:=edit50.Text;
query4.Fields[7].AsString:=edit51.Text;
query4.Fields[8].AsString:=edit52.Text;
query4.Fields[9].AsString:=edit53.Text;
query4.Fields[10].AsString:=edit54.Text;
query4.Fields[11].AsString:=edit55.Text;
query4.Post;
end;
end;
end;
  if k=2 then begin
    if (combobox5.Text='FEMALE') then begin
      if (combobox6.Text='REZERVE') then begin
        edit2.Color:=clyellow;
        edit2.Text:=edit46.Text+' '+edit47.Text;
        end;
      end;
    end;
  if (combobox5.Text='MALE') then begin
    if (combobox6.Text='REZERVE') then begin
      edit2.Color:=cllime;
      edit2.Text:=edit46.Text+' '+edit47.Text;
      end;
    end;
  if (combobox5.Text='MALE') then begin
    if (combobox6.Text='SELLING') then begin
      edit2.Color:=clblue;
      edit2.Text:=edit46.Text+' '+edit47.Text;
      end;
    end;
  if (combobox5.Text='FEMALE') then begin
    if (combobox6.Text='SELLING') then begin
      edit2.Color:=clred;
      edit2.Text:=edit46.Text+' '+edit47.Text;
      end;
    end;
  end;

  //k=2
```



with form4 do begin

//seat 2

```
    if tr=1 then begin
        query5.Insert;
        query5.Fields[0].AsString:=edit46.Text;
        query5.Fields[1].AsString:=edit47.Text;
        query5.Fields[2].AsString:=combobox5.Text;
        query5.Fields[3].AsString:=edit48.Text;
        query5.Fields[4].AsString:=combobox6.Text;
        query5.Fields[5].AsString:=edit49.Text;
        query5.Fields[6].AsString:=edit50.Text;
        query5.Fields[7].AsString:=edit51.Text;
        query5.Fields[8].AsString:=edit52.Text;
        query5.Fields[9].AsString:=edit53.Text;
        query5.Fields[10].AsString:=edit54.Text;
        query5.Fields[11].AsString:=edit55.Text;
        query5.Post;
    end;
    if tr=0 then begin
        query5.SQL.Clear;
        query5.SQL.Text:='select * from seat2 where ployno='+#39+(ployselect)+#39;
        query5.Open;
        query5.Last;
        query5.Edit;
        query5.Fields[0].AsString:=edit46.Text;
        query5.Fields[1].AsString:=edit47.Text;
        query5.Fields[2].AsString:=combobox5.Text;
        query5.Fields[3].AsString:=edit48.Text;
        query5.Fields[4].AsString:=combobox6.Text;
        query5.Fields[5].AsString:=edit49.Text;
        query5.Fields[6].AsString:=edit50.Text;
        query5.Fields[7].AsString:=edit51.Text;
        query5.Fields[8].AsString:=edit52.Text;
        query5.Fields[9].AsString:=edit53.Text;
        query5.Fields[10].AsString:=edit54.Text;
        query5.Fields[11].AsString:=edit55.Text;
        query5.Post;
    end;
end;
end;
if k=3 then begin
    if (combobox5.Text='FEMALE') then begin
        if (combobox6.Text='REZERVE') then begin
            edit3.Color:=clyellow;
            edit3.Text:=edit46.Text+' '+edit47.Text;
        end;
    end;
if (combobox5.Text='MALE') then begin
    if (combobox6.Text='REZERVE') then begin
```



```

        edit3.Color:=cllime;
        edit3.Text:=edit46.Text+' '+edit47.Text;
    end;
end;

if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit3.Color:=clblue;
edit3.Text:=edit46.Text+' '+edit47.Text;
end;
end;

                if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit3.Color:=clred;
edit3.Text:=edit46.Text+' '+edit47.Text;
end;
end;

//k=3
with form4 do begin

//seat 3
if tr=1 then begin
query6.Insert;
query6.Fields[0].AsString:=edit46.Text;
query6.Fields[1].AsString:=edit47.Text;
query6.Fields[2].AsString:=combobox5.Text;
query6.Fields[3].AsString:=edit48.Text;
query6.Fields[4].AsString:=combobox6.Text;
query6.Fields[5].AsString:=edit49.Text;
query6.Fields[6].AsString:=edit50.Text;
query6.Fields[7].AsString:=edit51.Text;
query6.Fields[8].AsString:=edit52.Text;
query6.Fields[9].AsString:=edit53.Text;
query6.Fields[10].AsString:=edit54.Text;
query6.Fields[11].AsString:=edit55.Text;
query6.Post;
end;
if tr=0 then begin
query6.SQL.Clear;
query6.SQL.Text:='select * from seat3 where ployno='+#39+(ploymselect)+#39;
query6.Open;
query6.Last;
query6.edit;
query6.Fields[0].AsString:=edit46.Text;
query6.Fields[1].AsString:=edit47.Text;
query6.Fields[2].AsString:=combobox5.Text;
query6.Fields[3].AsString:=edit48.Text;
query6.Fields[4].AsString:=combobox6.Text;
query6.Fields[5].AsString:=edit49.Text;

```

```

query6.Fields[6].AsString:=edit50.Text;
query6.Fields[7].AsString:=edit51.Text;
query6.Fields[8].AsString:=edit52.Text;
query6.Fields[9].AsString:=edit53.Text;
query6.Fields[10].AsString:=edit54.Text;
query6.Fields[11].AsString:=edit55.Text;
query6.Post;
end;
end;
end;
if k=4 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit4.Color:=clyellow;
edit4.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit4.Color:=cllime;
edit4.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit4.Color:=clblue;
edit4.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit4.Color:=clred;
edit4.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

```

```

//k=4
with form4 do begin
if tr=1 then begin
query7.Insert;
query7.Fields[0].AsString:=edit46.Text;
query7.Fields[1].AsString:=edit47.Text;
query7.Fields[2].AsString:=combobox5.Text;
query7.Fields[3].AsString:=edit48.Text;
query7.Fields[4].AsString:=combobox6.Text;
query7.Fields[5].AsString:=edit49.Text;
query7.Fields[6].AsString:=edit50.Text;
query7.Fields[7].AsString:=edit51.Text;
query7.Fields[8].AsString:=edit52.Text;
query7.Fields[9].AsString:=edit53.Text;

```

```

query7.Fields[10].AsString:=edit54.Text;
query7.Fields[11].AsString:=edit55.Text;
query7.Post;
end;
if tr=0 then begin
query7.SQL.Clear;
query7.SQL.Text:='select * from seat4 where ployno='+#39+(ploynselect)+#39;
query7.Open;
query7.Last;
query7.edit;
query7.Fields[0].AsString:=edit46.Text;
query7.Fields[1].AsString:=edit47.Text;
query7.Fields[2].AsString:=combobox5.Text;
query7.Fields[3].AsString:=edit48.Text;
query7.Fields[4].AsString:=combobox6.Text;
query7.Fields[5].AsString:=edit49.Text;
query7.Fields[6].AsString:=edit50.Text;
query7.Fields[7].AsString:=edit51.Text;
query7.Fields[8].AsString:=edit52.Text;
query7.Fields[9].AsString:=edit53.Text;
query7.Fields[10].AsString:=edit54.Text;
query7.Fields[11].AsString:=edit55.Text;
query7.Post;
end;
end;
end;
if k=5 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit5.Color:=clyellow;
edit5.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit5.Color:=cllime;
edit5.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit5.Color:=clblue;
edit5.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit5.Color:=clred;
edit5.Text:=edit46.Text+' '+edit47.Text;
end;
end;

```

```

end;

//k=5
with form4 do begin

//seat 5
if tr=1 then begin
query8.Insert;
query8.Fields[0].AsString:=edit46.Text;
query8.Fields[1].AsString:=edit47.Text;
query8.Fields[2].AsString:=combobox5.Text;
query8.Fields[3].AsString:=edit48.Text;
query8.Fields[4].AsString:=combobox6.Text;
query8.Fields[5].AsString:=edit49.Text;
query8.Fields[6].AsString:=edit50.Text;
query8.Fields[7].AsString:=edit51.Text;
query8.Fields[8].AsString:=edit52.Text;
query8.Fields[9].AsString:=edit53.Text;
query8.Fields[10].AsString:=edit54.Text;
query8.Fields[11].AsString:=edit55.Text;
query8.Post;
end;
if tr=0 then begin
query8.SQL.Clear;
query8.SQL.Text:='select * from seat5 where ployno='+#39+(ploynselect)+#39;
query8.Open;
query8.Last;
query8.edit;
query8.Fields[0].AsString:=edit46.Text;
query8.Fields[1].AsString:=edit47.Text;
query8.Fields[2].AsString:=combobox5.Text;
query8.Fields[3].AsString:=edit48.Text;
query8.Fields[4].AsString:=combobox6.Text;
query8.Fields[5].AsString:=edit49.Text;
query8.Fields[6].AsString:=edit50.Text;
query8.Fields[7].AsString:=edit51.Text;
query8.Fields[8].AsString:=edit52.Text;
query8.Fields[9].AsString:=edit53.Text;
query8.Fields[10].AsString:=edit54.Text;
query8.Fields[11].AsString:=edit55.Text;
query8.Post;
end;
end;
end;
if k=6 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit6.Color:=clyellow;
edit6.Text:=edit46.Text+' '+edit47.Text;
end;

```



```

end;

if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit6.Color:=cllime;
edit6.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit6.Color:=clblue;
edit6.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit6.Color:=clred;
edit6.Text:=edit46.Text+' '+edit47.Text;
end;
end;

//k=6
with form4 do begin

//seat 6
if tr=1 then begin
query9.Insert;
query9.Fields[0].AsString:=edit46.Text;
query9.Fields[1].AsString:=edit47.Text;
query9.Fields[2].AsString:=combobox5.Text;
query9.Fields[3].AsString:=edit48.Text;
query9.Fields[4].AsString:=combobox6.Text;
query9.Fields[5].AsString:=edit49.Text;
query9.Fields[6].AsString:=edit50.Text;
query9.Fields[7].AsString:=edit51.Text;
query9.Fields[8].AsString:=edit52.Text;
query9.Fields[9].AsString:=edit53.Text;
query9.Fields[10].AsString:=edit54.Text;
query9.Fields[11].AsString:=edit55.Text;
query9.Post;
end;
if tr=0 then begin
query9.SQL.Clear;
query9.SQL.Text:='select * from seat6 where ployno='+#39+(ployselect)+#39;
query9.Open;
query9.Last;
query9.edit;
query9.Fields[0].AsString:=edit46.Text;
query9.Fields[1].AsString:=edit47.Text;
query9.Fields[2].AsString:=combobox5.Text;

```

```

query9.Fields[3].AsString:=edit48.Text;
query9.Fields[4].AsString:=combobox6.Text;
query9.Fields[5].AsString:=edit49.Text;
query9.Fields[6].AsString:=edit50.Text;
query9.Fields[7].AsString:=edit51.Text;
query9.Fields[8].AsString:=edit52.Text;
query9.Fields[9].AsString:=edit53.Text;
query9.Fields[10].AsString:=edit54.Text;
query9.Fields[11].AsString:=edit55.Text;
query9.Post;
end;
end;
end;
if k=7 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit7.Color:=clyellow;
edit7.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit7.Color:=cllime;
edit7.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit7.Color:=clblue;
edit7.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit7.Color:=clred;
edit7.Text:=edit46.Text+' '+edit47.Text;
end;
end;

//k=7
with form4 do begin
if tr=1 then begin
query10.Insert;
query10.Fields[0].AsString:=edit46.Text;
query10.Fields[1].AsString:=edit47.Text;
query10.Fields[2].AsString:=combobox5.Text;
query10.Fields[3].AsString:=edit48.Text;
query10.Fields[4].AsString:=combobox6.Text;
query10.Fields[5].AsString:=edit49.Text;
query10.Fields[6].AsString:=edit50.Text;

```

```

query10.Fields[7].AsString:=edit51.Text;
query10.Fields[8].AsString:=edit52.Text;
query10.Fields[9].AsString:=edit53.Text;
query10.Fields[10].AsString:=edit54.Text;
query10.Fields[11].AsString:=edit55.Text;
query10.Post;
end;
if tr=0 then begin
query10.SQL.Clear;
query10.SQL.Text:='select * from seat7 where ployno='+#39+(ploymselect)+#39;
query10.Open;
query10.Last;
query10.edit;
query10.Fields[0].AsString:=edit46.Text;
query10.Fields[1].AsString:=edit47.Text;
query10.Fields[2].AsString:=combobox5.Text;
query10.Fields[3].AsString:=edit48.Text;
query10.Fields[4].AsString:=combobox6.Text;
query10.Fields[5].AsString:=edit49.Text;
query10.Fields[6].AsString:=edit50.Text;
query10.Fields[7].AsString:=edit51.Text;
query10.Fields[8].AsString:=edit52.Text;
query10.Fields[9].AsString:=edit53.Text;
query10.Fields[10].AsString:=edit54.Text;
query10.Fields[11].AsString:=edit55.Text;
query10.Post;
end;
end;
end;
if k=8 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit8.Color:=clyellow;
edit8.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit8.Color:=cllime;
edit8.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit8.Color:=clblue;
edit8.Text:=edit46.Text+' '+edit47.Text;
end;
end;

if (combobox5.Text='FEMALE') then begin

```

```

if (combobox6.Text='SELLING') then begin
edit8.Color:=clred;
edit8.Text:=edit46.Text+' '+edit47.Text;
end;
end;

//k=8
with form4 do begin

//seat 8
if tr=1 then begin
query11.Insert;
query11.Fields[0].AsString:=edit46.Text;
query11.Fields[1].AsString:=edit47.Text;
query11.Fields[2].AsString:=combobox5.Text;
query11.Fields[3].AsString:=edit48.Text;
query11.Fields[4].AsString:=combobox6.Text;
query11.Fields[5].AsString:=edit49.Text;
query11.Fields[6].AsString:=edit50.Text;
query11.Fields[7].AsString:=edit51.Text;
query11.Fields[8].AsString:=edit52.Text;
query11.Fields[9].AsString:=edit53.Text;
query11.Fields[10].AsString:=edit54.Text;
query11.Fields[11].AsString:=edit55.Text;
query11.Post;
end;
if tr=0 then begin
query11.SQL.Clear;
query11.SQL.Text:='select * from seat8 where ployno='+#39+(ploynselect)+#39;
query11.Open;
query11.Last;
query11.edit;
query11.Fields[0].AsString:=edit46.Text;
query11.Fields[1].AsString:=edit47.Text;
query11.Fields[2].AsString:=combobox5.Text;
query11.Fields[3].AsString:=edit48.Text;
query11.Fields[4].AsString:=combobox6.Text;
query11.Fields[5].AsString:=edit49.Text;
query11.Fields[6].AsString:=edit50.Text;
query11.Fields[7].AsString:=edit51.Text;
query11.Fields[8].AsString:=edit52.Text;
query11.Fields[9].AsString:=edit53.Text;
query11.Fields[10].AsString:=edit54.Text;
query11.Fields[11].AsString:=edit55.Text;
query11.Post;
end;
end;
end;

if k=9 then begin

```



```

if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit9.Color:=clyellow;
edit9.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit9.Color:=cllime;
edit9.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit9.Color:=clblue;
edit9.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit9.Color:=clred;
edit9.Text:=edit46.Text+' '+edit47.Text;
end;
end;

```

```

//k=9
with form4 do begin

```

```

//seat 9
if tr=1 then begin
query12.Insert;
query12.Fields[0].AsString:=edit46.Text;
query12.Fields[1].AsString:=edit47.Text;
query12.Fields[2].AsString:=combobox5.Text;
query12.Fields[3].AsString:=edit48.Text;
query12.Fields[4].AsString:=combobox6.Text;
query12.Fields[5].AsString:=edit49.Text;
query12.Fields[6].AsString:=edit50.Text;
query12.Fields[7].AsString:=edit51.Text;
query12.Fields[8].AsString:=edit52.Text;
query12.Fields[9].AsString:=edit53.Text;
query12.Fields[10].AsString:=edit54.Text;
query12.Fields[11].AsString:=edit55.Text;
query12.Post;
end;
if tr=0 then begin
query12.SQL.Clear;
query12.SQL.Text:='select * from seat9 where ployno='+#39+(ploymselect)+#39;
query12.Open;
query12.Last;

```

```

query12.edit;
query12.Fields[0].AsString:=edit46.Text;
query12.Fields[1].AsString:=edit47.Text;
query12.Fields[2].AsString:=combobox5.Text;
query12.Fields[3].AsString:=edit48.Text;
query12.Fields[4].AsString:=combobox6.Text;
query12.Fields[5].AsString:=edit49.Text;
query12.Fields[6].AsString:=edit50.Text;
query12.Fields[7].AsString:=edit51.Text;
query12.Fields[8].AsString:=edit52.Text;
query12.Fields[9].AsString:=edit53.Text;
query12.Fields[10].AsString:=edit54.Text;
query12.Fields[11].AsString:=edit55.Text;
query12.Post;
end;
end;
end;
if k=10 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit10.Color:=clyellow;
edit10.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit10.Color:=cllime;
edit10.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit10.Color:=clblue;
edit10.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit10.Color:=clred;
edit10.Text:=edit46.Text+' '+edit47.Text;
end;
end;

//k=10
with form4 do begin

//seat 10
if tr=1 then begin
query13.Insert;
query13.Fields[0].AsString:=edit46.Text;

```

```

query13.Fields[1].AsString:=edit47.Text;
query13.Fields[2].AsString:=combobox5.Text;
query13.Fields[3].AsString:=edit48.Text;
query13.Fields[4].AsString:=combobox6.Text;
query13.Fields[5].AsString:=edit49.Text;
query13.Fields[6].AsString:=edit50.Text;
query13.Fields[7].AsString:=edit51.Text;
query13.Fields[8].AsString:=edit52.Text;
query13.Fields[9].AsString:=edit53.Text;
query13.Fields[10].AsString:=edit54.Text;
query13.Fields[11].AsString:=edit55.Text;
query13.Post;
end;
if tr=0 then begin
query13.SQL.Clear;
query13.SQL.Text:='select * from seat10 where ployno='+#39+(ploynselect)+#39;
query13.Open;
query13.Last;
query13.edit;
query13.Fields[0].AsString:=edit46.Text;
query13.Fields[1].AsString:=edit47.Text;
query13.Fields[2].AsString:=combobox5.Text;
query13.Fields[3].AsString:=edit48.Text;
query13.Fields[4].AsString:=combobox6.Text;
query13.Fields[5].AsString:=edit49.Text;
query13.Fields[6].AsString:=edit50.Text;
query13.Fields[7].AsString:=edit51.Text;
query13.Fields[8].AsString:=edit52.Text;
query13.Fields[9].AsString:=edit53.Text;
query13.Fields[10].AsString:=edit54.Text;
query13.Fields[11].AsString:=edit55.Text;
query13.Post;
end;
end;
end;
if k=11 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit11.Color:=clyellow;
edit11.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit11.Color:=cclime;
edit11.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin

```



```

edit11.Color:=clblue;
edit11.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit11.Color:=clred;
edit11.Text:=edit46.Text+' '+edit47.Text;
end;
end;

//k=11
with form4 do begin

//seat 11
if tr=1 then begin
query14.Insert;
query14.Fields[0].AsString:=edit46.Text;
query14.Fields[1].AsString:=edit47.Text;
query14.Fields[2].AsString:=combobox5.Text;
query14.Fields[3].AsString:=edit48.Text;
query14.Fields[4].AsString:=combobox6.Text;
query14.Fields[5].AsString:=edit49.Text;
query14.Fields[6].AsString:=edit50.Text;
query14.Fields[7].AsString:=edit51.Text;
query14.Fields[8].AsString:=edit52.Text;
query14.Fields[9].AsString:=edit53.Text;
query14.Fields[10].AsString:=edit54.Text;
query14.Fields[11].AsString:=edit55.Text;
query14.Post;
end;
if tr=0 then begin
query14.SQL.Clear;
query14.SQL.Text:='select * from seat11 where ployno='+#39+(ploysselect)+#39;
query14.Open;
query14.Last;
query14.edit;
query14.Fields[0].AsString:=edit46.Text;
query14.Fields[1].AsString:=edit47.Text;
query14.Fields[2].AsString:=combobox5.Text;
query14.Fields[3].AsString:=edit48.Text;
query14.Fields[4].AsString:=combobox6.Text;
query14.Fields[5].AsString:=edit49.Text;
query14.Fields[6].AsString:=edit50.Text;
query14.Fields[7].AsString:=edit51.Text;
query14.Fields[8].AsString:=edit52.Text;
query14.Fields[9].AsString:=edit53.Text;
query14.Fields[10].AsString:=edit54.Text;
query14.Fields[11].AsString:=edit55.Text;
query14.Post;

```



```

end;
end;
end;

if k=12 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit12.Color:=clyellow;
edit12.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit12.Color:=cllime;
edit12.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit12.Color:=clblue;
edit12.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit12.Color:=clred;
edit12.Text:=edit46.Text+' '+edit47.Text;
end;
end;

//k=12
with form4 do begin

//seat 12
if tr=1 then begin
query15.Insert;
query15.Fields[0].AsString:=edit46.Text;
query15.Fields[1].AsString:=edit47.Text;
query15.Fields[2].AsString:=combobox5.Text;
query15.Fields[3].AsString:=edit48.Text;
query15.Fields[4].AsString:=combobox6.Text;
query15.Fields[5].AsString:=edit49.Text;
query15.Fields[6].AsString:=edit50.Text;
query15.Fields[7].AsString:=edit51.Text;
query15.Fields[8].AsString:=edit52.Text;
query15.Fields[9].AsString:=edit53.Text;
query15.Fields[10].AsString:=edit54.Text;
query15.Fields[11].AsString:=edit55.Text;
query15.Post;
end;

```

```

if tr=0 then begin
query15.SQL.Clear;
query15.SQL.Text:='select * from seat12 where ployno='+#39+(ployselect)+#39;
query15.Open;
query15.Last;
query15.edit;
query15.Fields[0].AsString:=edit46.Text;
query15.Fields[1].AsString:=edit47.Text;
query15.Fields[2].AsString:=combobox5.Text;
query15.Fields[3].AsString:=edit48.Text;
query15.Fields[4].AsString:=combobox6.Text;
query15.Fields[5].AsString:=edit49.Text;
query15.Fields[6].AsString:=edit50.Text;
query15.Fields[7].AsString:=edit51.Text;
query15.Fields[8].AsString:=edit52.Text;
query15.Fields[9].AsString:=edit53.Text;
query15.Fields[10].AsString:=edit54.Text;
query15.Fields[11].AsString:=edit55.Text;
query15.Post;
end;
end;
end;

```

```

if k=13 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit13.Color:=clyellow;
edit13.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit13.Color:=cllime;
edit13.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit13.Color:=clblue;
edit13.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

```

```

if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit13.Color:=clred;
edit13.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

```

```

=13
with form4 do begin

seat 13
tr=1 then begin
query16.Insert;
query16.Fields[0].AsString:=edit46.Text;
query16.Fields[1].AsString:=edit47.Text;
query16.Fields[2].AsString:=combobox5.Text;
query16.Fields[3].AsString:=edit48.Text;
query16.Fields[4].AsString:=combobox6.Text;
query16.Fields[5].AsString:=edit49.Text;
query16.Fields[6].AsString:=edit50.Text;
query16.Fields[7].AsString:=edit51.Text;
query16.Fields[8].AsString:=edit52.Text;
query16.Fields[9].AsString:=edit53.Text;
query16.Fields[10].AsString:=edit54.Text;
query16.Fields[11].AsString:=edit55.Text;
query16.Post;
end;
tr=0 then begin
query16.SQL.Clear;
query16.SQL.Text:='select * from seat13 where ployno='+#39+(ployselect)+#39;
query16.Open;
query16.Last;
query16.edit;
query16.Fields[0].AsString:=edit46.Text;
query16.Fields[1].AsString:=edit47.Text;
query16.Fields[2].AsString:=combobox5.Text;
query16.Fields[3].AsString:=edit48.Text;
query16.Fields[4].AsString:=combobox6.Text;
query16.Fields[5].AsString:=edit49.Text;
query16.Fields[6].AsString:=edit50.Text;
query16.Fields[7].AsString:=edit51.Text;
query16.Fields[8].AsString:=edit52.Text;
query16.Fields[9].AsString:=edit53.Text;
query16.Fields[10].AsString:=edit54.Text;
query16.Fields[11].AsString:=edit55.Text;
query16.Post;
end;
end;
end;

if k=14 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit14.Color:=clyellow;
edit14.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

```



```

if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit14.Color:=cllime;
edit14.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit14.Color:=clblue;
edit14.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit14.Color:=clred;
edit14.Text:=edit46.Text+' '+edit47.Text;
end;
end;

```

```

//k=14
with form4 do begin

```

```

//seat 14
if tr=1 then begin
query17.Insert;
query17.Fields[0].AsString:=edit46.Text;
query17.Fields[1].AsString:=edit47.Text;
query17.Fields[2].AsString:=combobox5.Text;
query17.Fields[3].AsString:=edit48.Text;
query17.Fields[4].AsString:=combobox6.Text;
query17.Fields[5].AsString:=edit49.Text;
query17.Fields[6].AsString:=edit50.Text;
query17.Fields[7].AsString:=edit51.Text;
query17.Fields[8].AsString:=edit52.Text;
query17.Fields[9].AsString:=edit53.Text;
query17.Fields[10].AsString:=edit54.Text;
query17.Fields[11].AsString:=edit55.Text;
query17.Post;
end;
if tr=0 then begin
query17.SQL.Clear;
query17.SQL.Text:='select * from seat14 where ployno='+#39+(ploynselect)+#39;
query17.Open;
query17.Last;
query17.edit;
query17.Fields[0].AsString:=edit46.Text;
query17.Fields[1].AsString:=edit47.Text;
query17.Fields[2].AsString:=combobox5.Text;
query17.Fields[3].AsString:=edit48.Text;
query17.Fields[4].AsString:=combobox6.Text;

```



```

query17.Fields[5].AsString:=edit49.Text;
query17.Fields[6].AsString:=edit50.Text;
query17.Fields[7].AsString:=edit51.Text;
query17.Fields[8].AsString:=edit52.Text;
query17.Fields[9].AsString:=edit53.Text;
query17.Fields[10].AsString:=edit54.Text;
query17.Fields[11].AsString:=edit55.Text;
query17.Post;
end;
end;
end;

```

```

            if k=15 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit15.Color:=clyellow;
edit15.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit15.Color:=cllime;
edit15.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit15.Color:=clblue;
edit15.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit15.Color:=clred;
edit15.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

```

```

//k=15
with form4 do begin
//seat 15
if tr=1 then begin
query18.Insert;
query18.Fields[0].AsString:=edit46.Text;
query18.Fields[1].AsString:=edit47.Text;
query18.Fields[2].AsString:=combobox5.Text;
query18.Fields[3].AsString:=edit48.Text;
query18.Fields[4].AsString:=combobox6.Text;
query18.Fields[5].AsString:=edit49.Text;
query18.Fields[6].AsString:=edit50.Text;

```

```

query18.Fields[7].AsString:=edit51.Text;
query18.Fields[8].AsString:=edit52.Text;
query18.Fields[9].AsString:=edit53.Text;
query18.Fields[10].AsString:=edit54.Text;
query18.Fields[11].AsString:=edit55.Text;
query18.Post;
end;
if tr=0 then begin
query18.SQL.Clear;
query18.SQL.Text:='select * from seat15 where ployno='+#39+(ploymselect)+#39;
query18.Open;
query18.Last;
query18.edit;
query18.Fields[0].AsString:=edit46.Text;
query18.Fields[1].AsString:=edit47.Text;
query18.Fields[2].AsString:=combobox5.Text;
query18.Fields[3].AsString:=edit48.Text;
query18.Fields[4].AsString:=combobox6.Text;
query18.Fields[5].AsString:=edit49.Text;
query18.Fields[6].AsString:=edit50.Text;
query18.Fields[7].AsString:=edit51.Text;
query18.Fields[8].AsString:=edit52.Text;
query18.Fields[9].AsString:=edit53.Text;
query18.Fields[10].AsString:=edit54.Text;
query18.Fields[11].AsString:=edit55.Text;
query18.Post;
end;
end;
end;

if k=16 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit16.Color:=clyellow;
edit16.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit16.Color:=cllime;
edit16.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit16.Color:=clblue;
edit16.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin

```

```

if (combobox6.Text='SELLING') then begin
edit16.Color:=clred;
edit16.Text:=edit46.Text+' '+edit47.Text;
end;
end;

```

```

//k=16
with form4 do begin

```

```

//seat 16
if tr=1 then begin
query19.Insert;
query19.Fields[0].AsString:=edit46.Text;
query19.Fields[1].AsString:=edit47.Text;
query19.Fields[2].AsString:=combobox5.Text;
query19.Fields[3].AsString:=edit48.Text;
query19.Fields[4].AsString:=combobox6.Text;
query19.Fields[5].AsString:=edit49.Text;
query19.Fields[6].AsString:=edit50.Text;
query19.Fields[7].AsString:=edit51.Text;
query19.Fields[8].AsString:=edit52.Text;
query19.Fields[9].AsString:=edit53.Text;
query19.Fields[10].AsString:=edit54.Text;
query19.Fields[11].AsString:=edit55.Text;
query19.Post;
end;
if tr=0 then begin
query19.SQL.Clear;
query19.SQL.Text:='select * from seat16 where ployno='+#39+(ployselect)+#39;
query19.Open;
query19.Last;
query19.edit;
query19.Fields[0].AsString:=edit46.Text;
query19.Fields[1].AsString:=edit47.Text;
query19.Fields[2].AsString:=combobox5.Text;
query19.Fields[3].AsString:=edit48.Text;
query19.Fields[4].AsString:=combobox6.Text;
query19.Fields[5].AsString:=edit49.Text;
query19.Fields[6].AsString:=edit50.Text;
query19.Fields[7].AsString:=edit51.Text;
query19.Fields[8].AsString:=edit52.Text;
query19.Fields[9].AsString:=edit53.Text;
query19.Fields[10].AsString:=edit54.Text;
query19.Fields[11].AsString:=edit55.Text;
query19.Post;
end;
end;
end;

```

```

if k=17 then begin

```



```

if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit17.Color:=clyellow;
edit17.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit17.Color:=cllime;
edit17.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit17.Color:=clblue;
edit17.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit17.Color:=clred;
edit17.Text:=edit46.Text+' '+edit47.Text;
end;
end;

```

```

//k=17
with form4 do begin

```

```

//seat 17
if tr=1 then begin
query20.Insert;
query20.Fields[0].AsString:=edit46.Text;
query20.Fields[1].AsString:=edit47.Text;
query20.Fields[2].AsString:=combobox5.Text;
query20.Fields[3].AsString:=edit48.Text;
query20.Fields[4].AsString:=combobox6.Text;
query20.Fields[5].AsString:=edit49.Text;
query20.Fields[6].AsString:=edit50.Text;
query20.Fields[7].AsString:=edit51.Text;
query20.Fields[8].AsString:=edit52.Text;
query20.Fields[9].AsString:=edit53.Text;
query20.Fields[10].AsString:=edit54.Text;
query20.Fields[11].AsString:=edit55.Text;
query20.Post;
end;
if tr=0 then begin
query20.SQL.Clear;
query20.SQL.Text:='select * from seat17 where ployno='+#39+(ploydselect)+#39;
query20.Open;
query20.Last;

```



```

query20.edit;
query20.Fields[0].AsString:=edit46.Text;
query20.Fields[1].AsString:=edit47.Text;
query20.Fields[2].AsString:=combobox5.Text;
query20.Fields[3].AsString:=edit48.Text;
query20.Fields[4].AsString:=combobox6.Text;
query20.Fields[5].AsString:=edit49.Text;
query20.Fields[6].AsString:=edit50.Text;
query20.Fields[7].AsString:=edit51.Text;
query20.Fields[8].AsString:=edit52.Text;
query20.Fields[9].AsString:=edit53.Text;
query20.Fields[10].AsString:=edit54.Text;
query20.Fields[11].AsString:=edit55.Text;
query20.Post;
end;
end;
end;

```

```

if k=18 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit18.Color:=clyellow;
edit18.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit18.Color:=cllime;
edit18.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit18.Color:=clblue;
edit18.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit18.Color:=clred;
edit18.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

```

```

//k=18
with form4 do begin

```

```

//seat 18
if tr=1 then begin
query21.Insert;

```

```

query21.Fields[0].AsString:=edit46.Text;
query21.Fields[1].AsString:=edit47.Text;
query21.Fields[2].AsString:=combobox5.Text;
query21.Fields[3].AsString:=edit48.Text;
query21.Fields[4].AsString:=combobox6.Text;
query21.Fields[5].AsString:=edit49.Text;
query21.Fields[6].AsString:=edit50.Text;
query21.Fields[7].AsString:=edit51.Text;
query21.Fields[8].AsString:=edit52.Text;
query21.Fields[9].AsString:=edit53.Text;
query21.Fields[10].AsString:=edit54.Text;
query21.Fields[11].AsString:=edit55.Text;
query21.Post;
end;
if tr=0 then begin
query21.SQL.Clear;
query21.SQL.Text:='select * from seat18 where ployno='+#39+(ploymselect)+#39;
query21.Open;
query21.Last;
query21.edit;
query21.Fields[0].AsString:=edit46.Text;
query21.Fields[1].AsString:=edit47.Text;
query21.Fields[2].AsString:=combobox5.Text;
query21.Fields[3].AsString:=edit48.Text;
query21.Fields[4].AsString:=combobox6.Text;
query21.Fields[5].AsString:=edit49.Text;
query21.Fields[6].AsString:=edit50.Text;
query21.Fields[7].AsString:=edit51.Text;
query21.Fields[8].AsString:=edit52.Text;
query21.Fields[9].AsString:=edit53.Text;
query21.Fields[10].AsString:=edit54.Text;
query21.Fields[11].AsString:=edit55.Text;
query21.Post;
end;
end;
end;
if k=19 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit19.Color:=clyellow;
edit19.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit19.Color:=cllime;
edit19.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

```

```

(combobox5.Text='MALE') then begin
(combobox6.Text='SELLING') then begin
it19.Color:=clblue;
it19.Text:=edit46.Text+' '+edit47.Text;
d;
d;
(combobox5.Text='FEMALE') then begin
(combobox6.Text='SELLING') then begin
it19.Color:=clred;
it19.Text:=edit46.Text+' '+edit47.Text;
d;
d;

```

```

k=19
with form4 do begin

```

```

seat 19
tr=1 then begin
query22.Insert;
query22.Fields[0].AsString:=edit46.Text;
query22.Fields[1].AsString:=edit47.Text;
query22.Fields[2].AsString:=combobox5.Text;
query22.Fields[3].AsString:=edit48.Text;
query22.Fields[4].AsString:=combobox6.Text;
query22.Fields[5].AsString:=edit49.Text;
query22.Fields[6].AsString:=edit50.Text;
query22.Fields[7].AsString:=edit51.Text;
query22.Fields[8].AsString:=edit52.Text;
query22.Fields[9].AsString:=edit53.Text;
query22.Fields[10].AsString:=edit54.Text;
query22.Fields[11].AsString:=edit55.Text;
query22.Post;
nd;
tr=0 then begin
query22.SQL.Clear;
query22.SQL.Text:='select * from seat19 where ployno='+#39+(ploynselect)+#39;
query22.Open;
query22.Last;
query22.edit;
query22.Fields[0].AsString:=edit46.Text;
query22.Fields[1].AsString:=edit47.Text;
query22.Fields[2].AsString:=combobox5.Text;
query22.Fields[3].AsString:=edit48.Text;
query22.Fields[4].AsString:=combobox6.Text;
query22.Fields[5].AsString:=edit49.Text;
query22.Fields[6].AsString:=edit50.Text;
query22.Fields[7].AsString:=edit51.Text;
query22.Fields[8].AsString:=edit52.Text;
query22.Fields[9].AsString:=edit53.Text;
query22.Fields[10].AsString:=edit54.Text;

```



```

query22.Fields[11].AsString:=edit55.Text;
query22.Post;
end;
end;
end;
if k=20 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit20.Color:=clyellow;
edit20.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit20.Color:=cllime;
edit20.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit20.Color:=clblue;
edit20.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit20.Color:=clred;
edit20.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

//k=20
with form4 do begin
//seat 20
if tr=1 then begin
query23.Insert;
query23.Fields[0].AsString:=edit46.Text;
query23.Fields[1].AsString:=edit47.Text;
query23.Fields[2].AsString:=combobox5.Text;
query23.Fields[3].AsString:=edit48.Text;
query23.Fields[4].AsString:=combobox6.Text;
query23.Fields[5].AsString:=edit49.Text;
query23.Fields[6].AsString:=edit50.Text;
query23.Fields[7].AsString:=edit51.Text;
query23.Fields[8].AsString:=edit52.Text;
query23.Fields[9].AsString:=edit53.Text;
query23.Fields[10].AsString:=edit54.Text;
query23.Fields[11].AsString:=edit55.Text;
query23.Post;
end;

```



```

if tr=0 then begin
query23.SQL.Clear;
query23.SQL.Text:='select * from seat20 where ployno='+#39+(poyselect)+#39;
query23.Open;
query23.Last;
query23.edit;
query23.Fields[0].AsString:=edit46.Text;
query23.Fields[1].AsString:=edit47.Text;
query23.Fields[2].AsString:=combobox5.Text;
query23.Fields[3].AsString:=edit48.Text;
query23.Fields[4].AsString:=combobox6.Text;
query23.Fields[5].AsString:=edit49.Text;
query23.Fields[6].AsString:=edit50.Text;
query23.Fields[7].AsString:=edit51.Text;
query23.Fields[8].AsString:=edit52.Text;
query23.Fields[9].AsString:=edit53.Text;
query23.Fields[10].AsString:=edit54.Text;
query23.Fields[11].AsString:=edit55.Text;
query23.Post;
end;
end;
end;

```

```

if k=21 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit21.Color:=clyellow;
edit21.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit21.Color:=cllime;
edit21.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit21.Color:=clblue;
edit21.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit21.Color:=clred;
edit21.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

```

```
//k=21
```

with form4 do begin

```
//seat 21
if tr=1 then begin
query24.Insert;
query24.Fields[0].AsString:=edit46.Text;
query24.Fields[1].AsString:=edit47.Text;
query24.Fields[2].AsString:=combobox5.Text;
query24.Fields[3].AsString:=edit48.Text;
query24.Fields[4].AsString:=combobox6.Text;
query24.Fields[5].AsString:=edit49.Text;
query24.Fields[6].AsString:=edit50.Text;
query24.Fields[7].AsString:=edit51.Text;
query24.Fields[8].AsString:=edit52.Text;
query24.Fields[9].AsString:=edit53.Text;
query24.Fields[10].AsString:=edit54.Text;
query24.Fields[11].AsString:=edit55.Text;
query24.Post;
end;
if tr=0 then begin
query24.SQL.Clear;
query24.SQL.Text:='select * from seat21 where ployno='+#39+(ploymselect)+#39;
query24.Open;
query24.Last;
query24.edit;
query24.Fields[0].AsString:=edit46.Text;
query24.Fields[1].AsString:=edit47.Text;
query24.Fields[2].AsString:=combobox5.Text;
query24.Fields[3].AsString:=edit48.Text;
query24.Fields[4].AsString:=combobox6.Text;
query24.Fields[5].AsString:=edit49.Text;
query24.Fields[6].AsString:=edit50.Text;
query24.Fields[7].AsString:=edit51.Text;
query24.Fields[8].AsString:=edit52.Text;
query24.Fields[9].AsString:=edit53.Text;
query24.Fields[10].AsString:=edit54.Text;
query24.Fields[11].AsString:=edit55.Text;
query24.Post;
end;
end;
end;
```

```
if k=22 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit22.Color:=clyellow;
edit22.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
```

```

if (combobox6.Text='REZERVE') then begin
edit22.Color:=cllime;
edit22.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit22.Color:=clblue;
edit22.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit22.Color:=clred;
edit22.Text:=edit46.Text+' '+edit47.Text;
end;
end;

```

```

//k=22
with form4 do begin

```

```

//seat 22
if tr=1 then begin
query25.Insert;
query25.Fields[0].AsString:=edit46.Text;
query25.Fields[1].AsString:=edit47.Text;
query25.Fields[2].AsString:=combobox5.Text;
query25.Fields[3].AsString:=edit48.Text;
query25.Fields[4].AsString:=combobox6.Text;
query25.Fields[5].AsString:=edit49.Text;
query25.Fields[6].AsString:=edit50.Text;
query25.Fields[7].AsString:=edit51.Text;
query25.Fields[8].AsString:=edit52.Text;
query25.Fields[9].AsString:=edit53.Text;
query25.Fields[10].AsString:=edit54.Text;
query25.Fields[11].AsString:=edit55.Text;
query25.Post;
end;
if tr=0 then begin
query25.SQL.Clear;
query25.SQL.Text:='select * from seat22 where ployno='+#39+(ploysselect)+#39;
query25.Open;
query25.Last;
query25.edit;
query25.Fields[0].AsString:=edit46.Text;
query25.Fields[1].AsString:=edit47.Text;
query25.Fields[2].AsString:=combobox5.Text;
query25.Fields[3].AsString:=edit48.Text;
query25.Fields[4].AsString:=combobox6.Text;
query25.Fields[5].AsString:=edit49.Text;

```

```

query25.Fields[6].AsString:=edit50.Text;
query25.Fields[7].AsString:=edit51.Text;
query25.Fields[8].AsString:=edit52.Text;
query25.Fields[9].AsString:=edit53.Text;
query25.Fields[10].AsString:=edit54.Text;
query25.Fields[11].AsString:=edit55.Text;
query25.Post;
end;
end;
end;

```

```

if k=23 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit23.Color:=clyellow;
edit23.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit23.Color:=cllime;
edit23.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit23.Color:=clblue;
edit23.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

```

```

if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit23.Color:=clred;
edit23.Text:=edit46.Text+' '+edit47.Text;
end;
end;

```

```

//k=23
with form4 do begin

```

```

//seat 23
if tr=1 then begin
query26.Insert;
query26.Fields[0].AsString:=edit46.Text;
query26.Fields[1].AsString:=edit47.Text;
query26.Fields[2].AsString:=combobox5.Text;
query26.Fields[3].AsString:=edit48.Text;
query26.Fields[4].AsString:=combobox6.Text;
query26.Fields[5].AsString:=edit49.Text;

```



```

query26.Fields[6].AsString:=edit50.Text;
query26.Fields[7].AsString:=edit51.Text;
query26.Fields[8].AsString:=edit52.Text;
query26.Fields[9].AsString:=edit53.Text;
query26.Fields[10].AsString:=edit54.Text;
query26.Fields[11].AsString:=edit55.Text;
query26.Post;
end;
if tr=0 then begin
query26.SQL.Clear;
query26.SQL.Text:='select * from seat23 where ployno='+#39+(ployselct)+#39;
query26.Open;
query26.Last;
query26.edit;
query26.Fields[0].AsString:=edit46.Text;
query26.Fields[1].AsString:=edit47.Text;
query26.Fields[2].AsString:=combobox5.Text;
query26.Fields[3].AsString:=edit48.Text;
query26.Fields[4].AsString:=combobox6.Text;
query26.Fields[5].AsString:=edit49.Text;
query26.Fields[6].AsString:=edit50.Text;
query26.Fields[7].AsString:=edit51.Text;
query26.Fields[8].AsString:=edit52.Text;
query26.Fields[9].AsString:=edit53.Text;
query26.Fields[10].AsString:=edit54.Text;
query26.Fields[11].AsString:=edit55.Text;
query26.Post;
end;
end;

end;

if k=24 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit24.Color:=clyellow;
edit24.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit24.Color:=cllime;
edit24.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit24.Color:=clblue;
edit24.Text:=edit46.Text+' '+edit47.Text;
end;
end;

```

```

end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit24.Color:=clred;
edit24.Text:=edit46.Text+' '+edit47.Text;
end;
end;

//k=24
with form4 do begin

//seat 24
if tr=1 then begin
query27.Insert;
query27.Fields[0].AsString:=edit46.Text;
query27.Fields[1].AsString:=edit47.Text;
query27.Fields[2].AsString:=combobox5.Text;
query27.Fields[3].AsString:=edit48.Text;
query27.Fields[4].AsString:=combobox6.Text;
query27.Fields[5].AsString:=edit49.Text;
query27.Fields[6].AsString:=edit50.Text;
query27.Fields[7].AsString:=edit51.Text;
query27.Fields[8].AsString:=edit52.Text;
query27.Fields[9].AsString:=edit53.Text;
query27.Fields[10].AsString:=edit54.Text;
query27.Fields[11].AsString:=edit55.Text;
query27.Post;
end;
if tr=0 then begin
query27.SQL.Clear;
query27.SQL.Text:='select * from seat24 where ployno='+#39+(ploynselect)+#39;
query27.Open;
query27.Last;
query27.edit;
query27.Fields[0].AsString:=edit46.Text;
query27.Fields[1].AsString:=edit47.Text;
query27.Fields[2].AsString:=combobox5.Text;
query27.Fields[3].AsString:=edit48.Text;
query27.Fields[4].AsString:=combobox6.Text;
query27.Fields[5].AsString:=edit49.Text;
query27.Fields[6].AsString:=edit50.Text;
query27.Fields[7].AsString:=edit51.Text;
query27.Fields[8].AsString:=edit52.Text;
query27.Fields[9].AsString:=edit53.Text;
query27.Fields[10].AsString:=edit54.Text;
query27.Fields[11].AsString:=edit55.Text;
query27.Post;
end;
end;
end;
end;

```

```

if k=25 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit25.Color:=clyellow;
edit25.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit25.Color:=cllime;
edit25.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit25.Color:=clblue;
edit25.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit25.Color:=clred;
edit25.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

```

```

//k=25
with form4 do begin

```

```

//seat 25
query28.Insert;
query28.Fields[0].AsString:=edit46.Text;
query28.Fields[1].AsString:=edit47.Text;
query28.Fields[2].AsString:=combobox5.Text;
query28.Fields[3].AsString:=edit48.Text;
query28.Fields[4].AsString:=combobox6.Text;
query28.Fields[5].AsString:=edit49.Text;
query28.Fields[6].AsString:=edit50.Text;
query28.Fields[7].AsString:=edit51.Text;
query28.Fields[8].AsString:=edit52.Text;
query28.Fields[9].AsString:=edit53.Text;
query28.Fields[10].AsString:=edit54.Text;
query28.Fields[11].AsString:=edit55.Text;
query28.Post;
end;
end;

```

```

if k=26 then begin
if (combobox5.Text='FEMALE') then begin

```



```

if (combobox6.Text='REZERVE') then begin
edit26.Color:=clyellow;
edit26.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit26.Color:=cllime;
edit26.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit26.Color:=clblue;
edit26.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit26.Color:=clred;
edit26.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

```

```

//k=26
with form4 do begin

```

```

//seat 26
if tr=1 then begin
query29.Insert;
query29.Fields[0].AsString:=edit46.Text;
query29.Fields[1].AsString:=edit47.Text;
query29.Fields[2].AsString:=combobox5.Text;
query29.Fields[3].AsString:=edit48.Text;
query29.Fields[4].AsString:=combobox6.Text;
query29.Fields[5].AsString:=edit49.Text;
query29.Fields[6].AsString:=edit50.Text;
query29.Fields[7].AsString:=edit51.Text;
query29.Fields[8].AsString:=edit52.Text;
query29.Fields[9].AsString:=edit53.Text;
query29.Fields[10].AsString:=edit54.Text;
query29.Fields[11].AsString:=edit55.Text;
query29.Post;
end;
if tr=0 then begin
query29.SQL.Clear;
query29.SQL.Text:='select * from seat26 where ployno='+#39+(ploysselect)+#39;
query29.Open;
query29.Last;
query29.edit;

```



```

query29.Fields[0].AsString:=edit46.Text;
query29.Fields[1].AsString:=edit47.Text;
query29.Fields[2].AsString:=combobox5.Text;
query29.Fields[3].AsString:=edit48.Text;
query29.Fields[4].AsString:=combobox6.Text;
query29.Fields[5].AsString:=edit49.Text;
query29.Fields[6].AsString:=edit50.Text;
query29.Fields[7].AsString:=edit51.Text;
query29.Fields[8].AsString:=edit52.Text;
query29.Fields[9].AsString:=edit53.Text;
query29.Fields[10].AsString:=edit54.Text;
query29.Fields[11].AsString:=edit55.Text;
query29.Post;
end;
end;
end;

```

```

if k=27 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit27.Color:=clyellow;
edit27.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit27.Color:=cllime;
edit27.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit27.Color:=clblue;
edit27.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit27.Color:=clred;
edit27.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

```

```

//k=27
with form4 do begin

```

```

//seat 27
if tr=1 then begin
query30.Insert;
query30.Fields[0].AsString:=edit46.Text;

```

```

query30.Fields[1].AsString:=edit47.Text;
query30.Fields[2].AsString:=combobox5.Text;
query30.Fields[3].AsString:=edit48.Text;
query30.Fields[4].AsString:=combobox6.Text;
query30.Fields[5].AsString:=edit49.Text;
query30.Fields[6].AsString:=edit50.Text;
query30.Fields[7].AsString:=edit51.Text;
query30.Fields[8].AsString:=edit52.Text;
query30.Fields[9].AsString:=edit53.Text;
query30.Fields[10].AsString:=edit54.Text;
query30.Fields[11].AsString:=edit55.Text;
query30.Post;
end;
if tr=0 then begin
query30.SQL.Clear;
query30.SQL.Text:='select * from seat27 where ployno='+#39+(ploysselect)+#39;
query30.Open;
query30.Last;
query30.edit;
query30.Fields[0].AsString:=edit46.Text;
query30.Fields[1].AsString:=edit47.Text;
query30.Fields[2].AsString:=combobox5.Text;
query30.Fields[3].AsString:=edit48.Text;
query30.Fields[4].AsString:=combobox6.Text;
query30.Fields[5].AsString:=edit49.Text;
query30.Fields[6].AsString:=edit50.Text;
query30.Fields[7].AsString:=edit51.Text;
query30.Fields[8].AsString:=edit52.Text;
query30.Fields[9].AsString:=edit53.Text;
query30.Fields[10].AsString:=edit54.Text;
query30.Fields[11].AsString:=edit55.Text;
query30.Post;
end;
end;
end;

if k=28 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit28.Color:=clyellow;
edit28.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit28.Color:=cllime;
edit28.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin

```

```

if (combobox6.Text='SELLING') then begin
edit28.Color:=clblue;
edit28.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit28.Color:=clred;
edit28.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

//k=28
with form4 do begin

//seat 28
if tr=1 then begin
query31.Insert;
query31.Fields[0].AsString:=edit46.Text;
query31.Fields[1].AsString:=edit47.Text;
query31.Fields[2].AsString:=combobox5.Text;
query31.Fields[3].AsString:=edit48.Text;
query31.Fields[4].AsString:=combobox6.Text;
query31.Fields[5].AsString:=edit49.Text;
query31.Fields[6].AsString:=edit50.Text;
query31.Fields[7].AsString:=edit51.Text;
query31.Fields[8].AsString:=edit52.Text;
query31.Fields[9].AsString:=edit53.Text;
query31.Fields[10].AsString:=edit54.Text;
query31.Fields[11].AsString:=edit55.Text;
query31.Post;
end;
if tr=0 then begin
query31.SQL.Clear;
query31.SQL.Text:='select * from seat28 where ployno='+#39+(ploynselect)+#39;
query31.Open;
query31.Last;
query31.edit;
query31.Fields[0].AsString:=edit46.Text;
query31.Fields[1].AsString:=edit47.Text;
query31.Fields[2].AsString:=combobox5.Text;
query31.Fields[3].AsString:=edit48.Text;
query31.Fields[4].AsString:=combobox6.Text;
query31.Fields[5].AsString:=edit49.Text;
query31.Fields[6].AsString:=edit50.Text;
query31.Fields[7].AsString:=edit51.Text;
query31.Fields[8].AsString:=edit52.Text;
query31.Fields[9].AsString:=edit53.Text;
query31.Fields[10].AsString:=edit54.Text;
query31.Fields[11].AsString:=edit55.Text;

```



```
query31.Post;
end;
end;
end;
```

```
if k=29 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit29.Color:=clyellow;
edit29.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit29.Color:=cllime;
edit29.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit29.Color:=clblue;
edit29.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;
```

```
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit29.Color:=clred;
edit29.Text:=edit46.Text+' '+edit47.Text;
end;
end;
```

```
//k=29
with form4 do begin
```

```
//seat 29
if tr=1 then begin
query32.Insert;
query32.Fields[0].AsString:=edit46.Text;
query32.Fields[1].AsString:=edit47.Text;
query32.Fields[2].AsString:=combobox5.Text;
query32.Fields[3].AsString:=edit48.Text;
query32.Fields[4].AsString:=combobox6.Text;
query32.Fields[5].AsString:=edit49.Text;
query32.Fields[6].AsString:=edit50.Text;
query32.Fields[7].AsString:=edit51.Text;
query32.Fields[8].AsString:=edit52.Text;
query32.Fields[9].AsString:=edit53.Text;
query32.Fields[10].AsString:=edit54.Text;
query32.Fields[11].AsString:=edit55.Text;
```



```

query32.Post;
end;
if tr=0 then begin
query32.SQL.Clear;
query32.SQL.Text:='select * from seat29 where ployno='+#39+(ployselect)+#39;
query32.Open;
query32.Last;
query32.edit;
query32.Fields[0].AsString:=edit46.Text;
query32.Fields[1].AsString:=edit47.Text;
query32.Fields[2].AsString:=combobox5.Text;
query32.Fields[3].AsString:=edit48.Text;
query32.Fields[4].AsString:=combobox6.Text;
query32.Fields[5].AsString:=edit49.Text;
query32.Fields[6].AsString:=edit50.Text;
query32.Fields[7].AsString:=edit51.Text;
query32.Fields[8].AsString:=edit52.Text;
query32.Fields[9].AsString:=edit53.Text;
query32.Fields[10].AsString:=edit54.Text;
query32.Fields[11].AsString:=edit55.Text;
query32.Post;
end;
end;
end;

```

```

if k=30 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit30.Color:=clyellow;
edit30.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit30.Color:=cllime;
edit30.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit30.Color:=clblue;
edit30.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit30.Color:=clred;
edit30.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

```

```

//k=30
with form4 do begin

//seat 30
if tr=1 then begin
query33.Insert;
query33.Fields[0].AsString:=edit46.Text;
query33.Fields[1].AsString:=edit47.Text;
query33.Fields[2].AsString:=combobox5.Text;
query33.Fields[3].AsString:=edit48.Text;
query33.Fields[4].AsString:=combobox6.Text;
query33.Fields[5].AsString:=edit49.Text;
query33.Fields[6].AsString:=edit50.Text;
query33.Fields[7].AsString:=edit51.Text;
query33.Fields[8].AsString:=edit52.Text;
query33.Fields[9].AsString:=edit53.Text;
query33.Fields[10].AsString:=edit54.Text;
query33.Fields[11].AsString:=edit55.Text;
query33.Post;
end;
if tr=0 then begin
query33.SQL.Clear;
query33.SQL.Text:='select * from seat30 where ployno='+#39+(ploynselect)+#39;
query33.Open;
query33.Last;
query33.edit;
query33.Fields[0].AsString:=edit46.Text;
query33.Fields[1].AsString:=edit47.Text;
query33.Fields[2].AsString:=combobox5.Text;
query33.Fields[3].AsString:=edit48.Text;
query33.Fields[4].AsString:=combobox6.Text;
query33.Fields[5].AsString:=edit49.Text;
query33.Fields[6].AsString:=edit50.Text;
query33.Fields[7].AsString:=edit51.Text;
query33.Fields[8].AsString:=edit52.Text;
query33.Fields[9].AsString:=edit53.Text;
query33.Fields[10].AsString:=edit54.Text;
query33.Fields[11].AsString:=edit55.Text;
query33.Post;
end;
end;
end;

if k=31 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit31.Color:=clyellow;
edit31.Text:=edit46.Text+' '+edit47.Text;
end;

```

```

end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit31.Color:=cllime;
edit31.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit31.Color:=clblue;
edit31.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit31.Color:=clred;
edit31.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

//k=31
with form4 do begin
//seat 31
if tr=1 then begin
query34.Insert;
query34.Fields[0].AsString:=edit46.Text;
query34.Fields[1].AsString:=edit47.Text;
query34.Fields[2].AsString:=combobox5.Text;
query34.Fields[3].AsString:=edit48.Text;
query34.Fields[4].AsString:=combobox6.Text;
query34.Fields[5].AsString:=edit49.Text;
query34.Fields[6].AsString:=edit50.Text;
query34.Fields[7].AsString:=edit51.Text;
query34.Fields[8].AsString:=edit52.Text;
query34.Fields[9].AsString:=edit53.Text;
query34.Fields[10].AsString:=edit54.Text;
query34.Fields[11].AsString:=edit55.Text;
query34.Post;
end;
if tr=0 then begin
query34.SQL.Clear;
query34.SQL.Text:='select * from seat31 where ployno='+#39+(ployselect)+#39;
query34.Open;
query34.Last;
query34.edit;
query34.Fields[0].AsString:=edit46.Text;
query34.Fields[1].AsString:=edit47.Text;
query34.Fields[2].AsString:=combobox5.Text;
query34.Fields[3].AsString:=edit48.Text;
query34.Fields[4].AsString:=combobox6.Text;

```

```

query34.Fields[5].AsString:=edit49.Text;
query34.Fields[6].AsString:=edit50.Text;
query34.Fields[7].AsString:=edit51.Text;
query34.Fields[8].AsString:=edit52.Text;
query34.Fields[9].AsString:=edit53.Text;
query34.Fields[10].AsString:=edit54.Text;
query34.Fields[11].AsString:=edit55.Text;
query34.Post;
end;
end;
end;

```

```

if k=32 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit32.Color:=clyellow;
edit32.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit32.Color:=cllime;
edit32.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit32.Color:=clblue;
edit32.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit32.Color:=clred;
edit32.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

```

```

//k=32
with form4 do begin

```

```

//seat 32
if tr=1 then begin
query35.Insert;
query35.Fields[0].AsString:=edit46.Text;
query35.Fields[1].AsString:=edit47.Text;
query35.Fields[2].AsString:=combobox5.Text;
query35.Fields[3].AsString:=edit48.Text;
query35.Fields[4].AsString:=combobox6.Text;
query35.Fields[5].AsString:=edit49.Text;

```



```

query35.Fields[6].AsString:=edit50.Text;
query35.Fields[7].AsString:=edit51.Text;
query35.Fields[8].AsString:=edit52.Text;
query35.Fields[9].AsString:=edit53.Text;
query35.Fields[10].AsString:=edit54.Text;
query35.Fields[11].AsString:=edit55.Text;
query35.Post;
end;
if tr=0 then begin
query35.SQL.Clear;
query35.SQL.Text:='select * from seat32 where ployno='+#39+(ploynselect)+#39;
query35.Open;
query35.Last;
query35.edit;
query35.Fields[0].AsString:=edit46.Text;
query35.Fields[1].AsString:=edit47.Text;
query35.Fields[2].AsString:=combobox5.Text;
query35.Fields[3].AsString:=edit48.Text;
query35.Fields[4].AsString:=combobox6.Text;
query35.Fields[5].AsString:=edit49.Text;
query35.Fields[6].AsString:=edit50.Text;
query35.Fields[7].AsString:=edit51.Text;
query35.Fields[8].AsString:=edit52.Text;
query35.Fields[9].AsString:=edit53.Text;
query35.Fields[10].AsString:=edit54.Text;
query35.Fields[11].AsString:=edit55.Text;
query35.Post;
end;
end;
end;

if k=33 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit33.Color:=clyellow;
edit33.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit33.Color:=cllime;
edit33.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit33.Color:=clblue;
edit33.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

```

```

if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit33.Color:=clred;
edit33.Text:=edit46.Text+' '+edit47.Text;
end;
end;

//k=33
with form4 do begin

//seat 33
if tr=1 then begin
query36.Insert;
query36.Fields[0].AsString:=edit46.Text;
query36.Fields[1].AsString:=edit47.Text;
query36.Fields[2].AsString:=combobox5.Text;
query36.Fields[3].AsString:=edit48.Text;
query36.Fields[4].AsString:=combobox6.Text;
query36.Fields[5].AsString:=edit49.Text;
query36.Fields[6].AsString:=edit50.Text;
query36.Fields[7].AsString:=edit51.Text;
query36.Fields[8].AsString:=edit52.Text;
query36.Fields[9].AsString:=edit53.Text;
query36.Fields[10].AsString:=edit54.Text;
query36.Fields[11].AsString:=edit55.Text;
query36.Post;
end;
if tr=0 then begin
query36.SQL.Clear;
query36.SQL.Text:='select * from seat33 where ployno='+#39+(ploysselect)+#39;
query36.Open;
query36.Last;
query36.edit;
query36.Fields[0].AsString:=edit46.Text;
query36.Fields[1].AsString:=edit47.Text;
query36.Fields[2].AsString:=combobox5.Text;
query36.Fields[3].AsString:=edit48.Text;
query36.Fields[4].AsString:=combobox6.Text;
query36.Fields[5].AsString:=edit49.Text;
query36.Fields[6].AsString:=edit50.Text;
query36.Fields[7].AsString:=edit51.Text;
query36.Fields[8].AsString:=edit52.Text;
query36.Fields[9].AsString:=edit53.Text;
query36.Fields[10].AsString:=edit54.Text;
query36.Fields[11].AsString:=edit55.Text;
query36.Post;
end;
end;
end;
if k=34 then begin

```

```

if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit34.Color:=clyellow;
edit34.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit34.Color:=cllime;
edit34.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit34.Color:=clblue;
edit34.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

```

```

if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit34.Color:=clred;
edit34.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

```

```

//k=34
with form4 do begin

```

```

//seat 34
if tr=1 then begin
query37.Insert;
query37.Fields[0].AsString:=edit46.Text;
query37.Fields[1].AsString:=edit47.Text;
query37.Fields[2].AsString:=combobox5.Text;
query37.Fields[3].AsString:=edit48.Text;
query37.Fields[4].AsString:=combobox6.Text;
query37.Fields[5].AsString:=edit49.Text;
query37.Fields[6].AsString:=edit50.Text;
query37.Fields[7].AsString:=edit51.Text;
query37.Fields[8].AsString:=edit52.Text;
query37.Fields[9].AsString:=edit53.Text;
query37.Fields[10].AsString:=edit54.Text;
query37.Fields[11].AsString:=edit55.Text;
query37.Post;
end;
if tr=0 then begin
query37.SQL.Clear;
query37.SQL.Text:='select * from seat34 where ployno='+#39+(ployselect)+#39;
query37.Open;

```

```

ery37.Last;
ery37.edit;
ery37.Fields[0].AsString:=edit46.Text;
ery37.Fields[1].AsString:=edit47.Text;
ery37.Fields[2].AsString:=combobox5.Text;
ery37.Fields[3].AsString:=edit48.Text;
ery37.Fields[4].AsString:=combobox6.Text;
ery37.Fields[5].AsString:=edit49.Text;
ery37.Fields[6].AsString:=edit50.Text;
ery37.Fields[7].AsString:=edit51.Text;
ery37.Fields[8].AsString:=edit52.Text;
ery37.Fields[9].AsString:=edit53.Text;
ery37.Fields[10].AsString:=edit54.Text;
ery37.Fields[11].AsString:=edit55.Text;
ery37.Post;
d;
d;
d;

```

```

k=35 then begin
combobox5.Text='FEMALE') then begin
combobox6.Text='REZERVE') then begin
t35.Color:=clyellow;
t35.Text:=edit46.Text+' '+edit47.Text;
l;
l;
combobox5.Text='MALE') then begin
combobox6.Text='REZERVE') then begin
t35.Color:=cllime;
t35.Text:=edit46.Text+' '+edit47.Text;
l;
l;
combobox5.Text='MALE') then begin
combobox6.Text='SELLING') then begin
t35.Color:=clblue;
t35.Text:=edit46.Text+' '+edit47.Text;
l;
l;
combobox5.Text='FEMALE') then begin
combobox6.Text='SELLING') then begin
t35.Color:=clred;
t35.Text:=edit46.Text+' '+edit47.Text;
l;
l;

```

```

-35
n form4 do begin

```

```

at 35
=1 then begin

```



```

query38.Insert;
query38.Fields[0].AsString:=edit46.Text;
query38.Fields[1].AsString:=edit47.Text;
query38.Fields[2].AsString:=combobox5.Text;
query38.Fields[3].AsString:=edit48.Text;
query38.Fields[4].AsString:=combobox6.Text;
query38.Fields[5].AsString:=edit49.Text;
query38.Fields[6].AsString:=edit50.Text;
query38.Fields[7].AsString:=edit51.Text;
query38.Fields[8].AsString:=edit52.Text;
query38.Fields[9].AsString:=edit53.Text;
query38.Fields[10].AsString:=edit54.Text;
query38.Fields[11].AsString:=edit55.Text;
query38.Post;
end;
if tr=0 then begin
query38.SQL.Clear;
query38.SQL.Text:='select * from seat35 where ployno='+#39+(ployselect)+#39;
query38.Open;
query38.Last;
query38.edit;
query38.Fields[0].AsString:=edit46.Text;
query38.Fields[1].AsString:=edit47.Text;
query38.Fields[2].AsString:=combobox5.Text;
query38.Fields[3].AsString:=edit48.Text;
query38.Fields[4].AsString:=combobox6.Text;
query38.Fields[5].AsString:=edit49.Text;
query38.Fields[6].AsString:=edit50.Text;
query38.Fields[7].AsString:=edit51.Text;
query38.Fields[8].AsString:=edit52.Text;
query38.Fields[9].AsString:=edit53.Text;
query38.Fields[10].AsString:=edit54.Text;
query38.Fields[11].AsString:=edit55.Text;
query38.Post;
end;
end;
end;

```

```

if k=36 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit36.Color:=clyellow;
edit36.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit36.Color:=cclime;
edit36.Text:=edit46.Text+' '+edit47.Text;
end;
end;

```

```

end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit36.Color:=clblue;
edit36.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit36.Color:=clred;
edit36.Text:=edit46.Text+' '+edit47.Text;
end;
end;

//k=36
with form4 do begin
//seat 36
if tr=1 then begin
query39.Insert;
query39.Fields[0].AsString:=edit46.Text;
query39.Fields[1].AsString:=edit47.Text;
query39.Fields[2].AsString:=combobox5.Text;
query39.Fields[3].AsString:=edit48.Text;
query39.Fields[4].AsString:=combobox6.Text;
query39.Fields[5].AsString:=edit49.Text;
query39.Fields[6].AsString:=edit50.Text;
query39.Fields[7].AsString:=edit51.Text;
query39.Fields[8].AsString:=edit52.Text;
query39.Fields[9].AsString:=edit53.Text;
query39.Fields[10].AsString:=edit54.Text;
query39.Fields[11].AsString:=edit55.Text;
query39.Post;
end;
if tr=0 then begin
query39.SQL.Clear;
query39.SQL.Text:='select * from seat36 where ployno='+#39+(ploynselect)+#39;
query39.Open;
query39.Last;
query39.edit;
query39.Fields[0].AsString:=edit46.Text;
query39.Fields[1].AsString:=edit47.Text;
query39.Fields[2].AsString:=combobox5.Text;
query39.Fields[3].AsString:=edit48.Text;
query39.Fields[4].AsString:=combobox6.Text;
query39.Fields[5].AsString:=edit49.Text;
query39.Fields[6].AsString:=edit50.Text;
query39.Fields[7].AsString:=edit51.Text;
query39.Fields[8].AsString:=edit52.Text;
query39.Fields[9].AsString:=edit53.Text;
query39.Fields[10].AsString:=edit54.Text;

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```

query39.Fields[11].AsString:=edit55.Text;
query39.Post;
end;
end;
end;

```

```

if k=37 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit37.Color:=clyellow;
edit37.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit37.Color:=cllime;
edit37.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit37.Color:=clblue;
edit37.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit37.Color:=clred;
edit37.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

```

```

//k=37
with form4 do begin

```

```

//seat 37
if tr=1 then begin
query40.Insert;
query40.Fields[0].AsString:=edit46.Text;
query40.Fields[1].AsString:=edit47.Text;
query40.Fields[2].AsString:=combobox5.Text;
query40.Fields[3].AsString:=edit48.Text;
query40.Fields[4].AsString:=combobox6.Text;
query40.Fields[5].AsString:=edit49.Text;
query40.Fields[6].AsString:=edit50.Text;
query40.Fields[7].AsString:=edit51.Text;
query40.Fields[8].AsString:=edit52.Text;
query40.Fields[9].AsString:=edit53.Text;
query40.Fields[10].AsString:=edit54.Text;
query40.Fields[11].AsString:=edit55.Text;

```

```

query40.Post;
end;
if tr=0 then begin
query40.SQL.Clear;
query40.SQL.Text:='select * from seat37 where ployno='+#39+(ploynselect)+#39;
query40.Open;
query40.Last;
query40.edit;
query40.Fields[0].AsString:=edit46.Text;
query40.Fields[1].AsString:=edit47.Text;
query40.Fields[2].AsString:=combobox5.Text;
query40.Fields[3].AsString:=edit48.Text;
query40.Fields[4].AsString:=combobox6.Text;
query40.Fields[5].AsString:=edit49.Text;
query40.Fields[6].AsString:=edit50.Text;
query40.Fields[7].AsString:=edit51.Text;
query40.Fields[8].AsString:=edit52.Text;
query40.Fields[9].AsString:=edit53.Text;
query40.Fields[10].AsString:=edit54.Text;
query40.Fields[11].AsString:=edit55.Text;
query40.Post;
end;
end;
end;

if k=38 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit38.Color:=clyellow;
edit38.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit38.Color:=cllime;
edit38.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit38.Color:=clblue;
edit38.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit38.Color:=clred;
edit38.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;
end;

```



```

//k=38
with form4 do begin

//seat 38
if tr=1 then begin
query41.Insert;
query41.Fields[0].AsString:=edit46.Text;
query41.Fields[1].AsString:=edit47.Text;
query41.Fields[2].AsString:=combobox5.Text;
query41.Fields[3].AsString:=edit48.Text;
query41.Fields[4].AsString:=combobox6.Text;
query41.Fields[5].AsString:=edit49.Text;
query41.Fields[6].AsString:=edit50.Text;
query41.Fields[7].AsString:=edit51.Text;
query41.Fields[8].AsString:=edit52.Text;
query41.Fields[9].AsString:=edit53.Text;
query41.Fields[10].AsString:=edit54.Text;
query41.Fields[11].AsString:=edit55.Text;
query41.Post;
end;
if tr=0 then begin
query41.SQL.Clear;
query41.SQL.Text:='select * from seat38 where ployno='+#39+(ploynselect)+#39;
query41.Open;
query41.Last;
query41.edit;
query41.Fields[0].AsString:=edit46.Text;
query41.Fields[1].AsString:=edit47.Text;
query41.Fields[2].AsString:=combobox5.Text;
query41.Fields[3].AsString:=edit48.Text;
query41.Fields[4].AsString:=combobox6.Text;
query41.Fields[5].AsString:=edit49.Text;
query41.Fields[6].AsString:=edit50.Text;
query41.Fields[7].AsString:=edit51.Text;
query41.Fields[8].AsString:=edit52.Text;
query41.Fields[9].AsString:=edit53.Text;
query41.Fields[10].AsString:=edit54.Text;
query41.Fields[11].AsString:=edit55.Text;
query41.Post;
end;
end;
end;

if k=39 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit39.Color:=clyellow;
edit39.Text:=edit46.Text+' '+edit47.Text;
end;

```

```

end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit39.Color:=cllime;
edit39.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit39.Color:=clblue;
edit39.Text:=edit46.Text+' '+edit47.Text;
end;
end;

```

```

if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit39.Color:=clred;
edit39.Text:=edit46.Text+' '+edit47.Text;
end;
end;

```

```

//k=39
with form4 do begin

```

```

//seat 39
if tr=1 then begin
query42.Insert;
query42.Fields[0].AsString:=edit46.Text;
query42.Fields[1].AsString:=edit47.Text;
query42.Fields[2].AsString:=combobox5.Text;
query42.Fields[3].AsString:=edit48.Text;
query42.Fields[4].AsString:=combobox6.Text;
query42.Fields[5].AsString:=edit49.Text;
query42.Fields[6].AsString:=edit50.Text;
query42.Fields[7].AsString:=edit51.Text;
query42.Fields[8].AsString:=edit52.Text;
query42.Fields[9].AsString:=edit53.Text;
query42.Fields[10].AsString:=edit54.Text;
query42.Fields[11].AsString:=edit55.Text;
query42.Post;
end;
if tr=0 then begin
query42.SQL.Clear;
query42.SQL.Text:='select * from seat39 where ployno='+#39+(ploysselect)+#39;
query42.Open;
query42.Last;
query42.edit;
query42.Fields[0].AsString:=edit46.Text;
query42.Fields[1].AsString:=edit47.Text;
query42.Fields[2].AsString:=combobox5.Text;

```

```

query42.Fields[3].AsString:=edit48.Text;
query42.Fields[4].AsString:=combobox6.Text;
query42.Fields[5].AsString:=edit49.Text;
query42.Fields[6].AsString:=edit50.Text;
query42.Fields[7].AsString:=edit51.Text;
query42.Fields[8].AsString:=edit52.Text;
query42.Fields[9].AsString:=edit53.Text;
query42.Fields[10].AsString:=edit54.Text;
query42.Fields[11].AsString:=edit55.Text;
query42.Post;
end;
end;
end;

```

```

if k=40 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit40.Color:=clyellow;
edit40.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit40.Color:=cllime;
edit40.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit40.Color:=clblue;
edit40.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit40.Color:=clred;
edit40.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

```

```

//k=40
with form4 do begin

```

```

//seat 40
if tr=1 then begin
query43.Insert;
query43.Fields[0].AsString:=edit46.Text;
query43.Fields[1].AsString:=edit47.Text;
query43.Fields[2].AsString:=combobox5.Text;
query43.Fields[3].AsString:=edit48.Text;

```

```

query43.Fields[4].AsString:=combobox6.Text;
query43.Fields[5].AsString:=edit49.Text;
query43.Fields[6].AsString:=edit50.Text;
query43.Fields[7].AsString:=edit51.Text;
query43.Fields[8].AsString:=edit52.Text;
query43.Fields[9].AsString:=edit53.Text;
query43.Fields[10].AsString:=edit54.Text;
query43.Fields[11].AsString:=edit55.Text;
query43.Post;
end;
if tr=0 then begin
query43.SQL.Clear;
query43.SQL.Text:='select * from seat40 where ployno='+#39+(ployselect)+#39;
query43.Open;
query43.Last;
query43.edit;
query43.Fields[0].AsString:=edit46.Text;
query43.Fields[1].AsString:=edit47.Text;
query43.Fields[2].AsString:=combobox5.Text;
query43.Fields[3].AsString:=edit48.Text;
query43.Fields[4].AsString:=combobox6.Text;
query43.Fields[5].AsString:=edit49.Text;
query43.Fields[6].AsString:=edit50.Text;
query43.Fields[7].AsString:=edit51.Text;
query43.Fields[8].AsString:=edit52.Text;
query43.Fields[9].AsString:=edit53.Text;
query43.Fields[10].AsString:=edit54.Text;
query43.Fields[11].AsString:=edit55.Text;
query43.Post;
end;
end;
end;

if k=41 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit41.Color:=clyellow;
edit41.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit41.Color:=cllime;
edit41.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit41.Color:=clblue;
edit41.Text:=edit46.Text+' '+edit47.Text;

```



```

end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit41.Color:=clred;
edit41.Text:=edit46.Text+' '+edit47.Text;
end;
end;

//k=41
with form4 do begin
//seat 41
if tr=1 then begin
query44.Insert;
query44.Fields[0].AsString:=edit46.Text;
query44.Fields[1].AsString:=edit47.Text;
query44.Fields[2].AsString:=combobox5.Text;
query44.Fields[3].AsString:=edit48.Text;
query44.Fields[4].AsString:=combobox6.Text;
query44.Fields[5].AsString:=edit49.Text;
query44.Fields[6].AsString:=edit50.Text;
query44.Fields[7].AsString:=edit51.Text;
query44.Fields[8].AsString:=edit52.Text;
query44.Fields[9].AsString:=edit53.Text;
query44.Fields[10].AsString:=edit54.Text;
query44.Fields[11].AsString:=edit55.Text;
query44.Post;
end;
if tr=0 then begin
query44.SQL.Clear;
query44.SQL.Text:='select * from seat41 where ployno='+#39+(ployselct)+#39;
query44.Open;
query44.Last;
query44.edit;
query44.Fields[0].AsString:=edit46.Text;
query44.Fields[1].AsString:=edit47.Text;
query44.Fields[2].AsString:=combobox5.Text;
query44.Fields[3].AsString:=edit48.Text;
query44.Fields[4].AsString:=combobox6.Text;
query44.Fields[5].AsString:=edit49.Text;
query44.Fields[6].AsString:=edit50.Text;
query44.Fields[7].AsString:=edit51.Text;
query44.Fields[8].AsString:=edit52.Text;
query44.Fields[9].AsString:=edit53.Text;
query44.Fields[10].AsString:=edit54.Text;
query44.Fields[11].AsString:=edit55.Text;
query44.Post;
end;
end;
end;

```

```

if k=42 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit42.Color:=clyellow;
edit42.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit42.Color:=cllime;
edit42.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit42.Color:=clblue;
edit42.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit42.Color:=clred;
edit42.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

//k=42
with form4 do begin
//seat 42
if tr=1 then begin
query45.Insert;
query45.Fields[0].AsString:=edit46.Text;
query45.Fields[1].AsString:=edit47.Text;
query45.Fields[2].AsString:=combobox5.Text;
query45.Fields[3].AsString:=edit48.Text;
query45.Fields[4].AsString:=combobox6.Text;
query45.Fields[5].AsString:=edit49.Text;
query45.Fields[6].AsString:=edit50.Text;
query45.Fields[7].AsString:=edit51.Text;
query45.Fields[8].AsString:=edit52.Text;
query45.Fields[9].AsString:=edit53.Text;
query45.Fields[10].AsString:=edit54.Text;
query45.Fields[11].AsString:=edit55.Text;
query45.Post;
end;
if tr=0 then begin
query45.SQL.Clear;
query45.SQL.Text:='select * from seat42 where ployno='+#39+(ploynselect)+#39;
query45.Open;

```

```

query45.Last;
query45.edit;
query45.Fields[0].AsString:=edit46.Text;
query45.Fields[1].AsString:=edit47.Text;
query45.Fields[2].AsString:=combobox5.Text;
query45.Fields[3].AsString:=edit48.Text;
query45.Fields[4].AsString:=combobox6.Text;
query45.Fields[5].AsString:=edit49.Text;
query45.Fields[6].AsString:=edit50.Text;
query45.Fields[7].AsString:=edit51.Text;
query45.Fields[8].AsString:=edit52.Text;
query45.Fields[9].AsString:=edit53.Text;
query45.Fields[10].AsString:=edit54.Text;
query45.Fields[11].AsString:=edit55.Text;
query45.Post;
end;
end;
end;

```

```

if k=43 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit43.Color:=clyellow;
edit43.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit43.Color:=cllime;
edit43.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit43.Color:=clblue;
edit43.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit43.Color:=clred;
edit43.Text:=edit46.Text+' '+edit47.Text;
end;
end;

```

```

//k=43
with form4 do begin

```

```

//seat 43
if tr=1 then begin

```

```

query46.Insert;
query46.Fields[0].AsString:=edit46.Text;
query46.Fields[1].AsString:=edit47.Text;
query46.Fields[2].AsString:=combobox5.Text;
query46.Fields[3].AsString:=edit48.Text;
query46.Fields[4].AsString:=combobox6.Text;
query46.Fields[5].AsString:=edit49.Text;
query46.Fields[6].AsString:=edit50.Text;
query46.Fields[7].AsString:=edit51.Text;
query46.Fields[8].AsString:=edit52.Text;
query46.Fields[9].AsString:=edit53.Text;
query46.Fields[10].AsString:=edit54.Text;
query46.Fields[11].AsString:=edit55.Text;
query46.Post;
end;
if tr=0 then begin
query46.SQL.Clear;
query46.SQL.Text:='select * from seat43 where ployno='+#39+(ployselect)+#39;
query46.Open;
query46.Last;
query46.edit;
query46.Fields[0].AsString:=edit46.Text;
query46.Fields[1].AsString:=edit47.Text;
query46.Fields[2].AsString:=combobox5.Text;
query46.Fields[3].AsString:=edit48.Text;
query46.Fields[4].AsString:=combobox6.Text;
query46.Fields[5].AsString:=edit49.Text;
query46.Fields[6].AsString:=edit50.Text;
query46.Fields[7].AsString:=edit51.Text;
query46.Fields[8].AsString:=edit52.Text;
query46.Fields[9].AsString:=edit53.Text;
query46.Fields[10].AsString:=edit54.Text;
query46.Fields[11].AsString:=edit55.Text;
query46.Post;
end;
end;
end;

```

```

if k=44 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit44.Color:=clyellow;
edit44.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit44.Color:=cllime;
edit44.Text:=edit46.Text+' '+edit47.Text;
end;
end;

```



```

end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit44.Color:=clblue;
edit44.Text:=edit46.Text+' '+edit47.Text;
end;
end;

if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit44.Color:=clred;
edit44.Text:=edit46.Text+' '+edit47.Text;
end;
end;

//k=44
with form4 do begin

//seat 44
if tr=1 then begin
query47.Insert;
query47.Fields[0].AsString:=edit46.Text;
query47.Fields[1].AsString:=edit47.Text;
query47.Fields[2].AsString:=combobox5.Text;
query47.Fields[3].AsString:=edit48.Text;
query47.Fields[4].AsString:=combobox6.Text;
query47.Fields[5].AsString:=edit49.Text;
query47.Fields[6].AsString:=edit50.Text;
query47.Fields[7].AsString:=edit51.Text;
query47.Fields[8].AsString:=edit52.Text;
query47.Fields[9].AsString:=edit53.Text;
query47.Fields[10].AsString:=edit54.Text;
query47.Fields[11].AsString:=edit55.Text;
query47.Post;
end;
if tr=0 then begin
query47.SQL.Clear;
query47.SQL.Text:='select * from seat44 where ployno='+#39+(ploynselect)+#39;
query47.Open;
query47.Last;
query47.edit;
query47.Fields[0].AsString:=edit46.Text;
query47.Fields[1].AsString:=edit47.Text;
query47.Fields[2].AsString:=combobox5.Text;
query47.Fields[3].AsString:=edit48.Text;
query47.Fields[4].AsString:=combobox6.Text;
query47.Fields[5].AsString:=edit49.Text;
query47.Fields[6].AsString:=edit50.Text;
query47.Fields[7].AsString:=edit51.Text;
query47.Fields[8].AsString:=edit52.Text;

```

```

query47.Fields[9].AsString:=edit53.Text;
query47.Fields[10].AsString:=edit54.Text;
query47.Fields[11].AsString:=edit55.Text;
query47.Post;
end;
end;
end;

if k=45 then begin
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='REZERVE') then begin
edit45.Color:=clyellow;
edit45.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='REZERVE') then begin
edit45.Color:=cllime;
edit45.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='MALE') then begin
if (combobox6.Text='SELLING') then begin
edit45.Color:=clblue;
edit45.Text:=edit46.Text+' '+edit47.Text;
end;
end;
if (combobox5.Text='FEMALE') then begin
if (combobox6.Text='SELLING') then begin
edit45.Color:=clred;
edit45.Text:=edit46.Text+' '+edit47.Text;
end;
end;
end;

/k=45
with form4 do begin

/seat 45
if tr=1 then begin
query48.Insert;
query48.Fields[0].AsString:=edit46.Text;
query48.Fields[1].AsString:=edit47.Text;
query48.Fields[2].AsString:=combobox5.Text;
query48.Fields[3].AsString:=edit48.Text;
query48.Fields[4].AsString:=combobox6.Text;
query48.Fields[5].AsString:=edit49.Text;
query48.Fields[6].AsString:=edit50.Text;
query48.Fields[7].AsString:=edit51.Text;
query48.Fields[8].AsString:=edit52.Text;
query48.Fields[9].AsString:=edit53.Text;

```

```

query48.Fields[10].AsString:=edit54.Text;
query48.Fields[11].AsString:=edit55.Text;
query48.Post;
end;
if tr=0 then begin
query48.SQL.Clear;
query48.SQL.Text:='select * from seat45 where ployno='+#39+(ploynselect)+#39;
query48.Open;
query48.Last;
query48.edit;
query48.Fields[0].AsString:=edit46.Text;
query48.Fields[1].AsString:=edit47.Text;
query48.Fields[2].AsString:=combobox5.Text;
query48.Fields[3].AsString:=edit48.Text;
query48.Fields[4].AsString:=combobox6.Text;
query48.Fields[5].AsString:=edit49.Text;
query48.Fields[6].AsString:=edit50.Text;
query48.Fields[7].AsString:=edit51.Text;
query48.Fields[8].AsString:=edit52.Text;
query48.Fields[9].AsString:=edit53.Text;
query48.Fields[10].AsString:=edit54.Text;
query48.Fields[11].AsString:=edit55.Text;
query48.Post;
end;
end;
end;
end;

```

```

procedure TForm4.ComboBox1Change(Sender: TObject);
begin
combobox2.Text:="";
combobox3.Text:="";
combobox4.Text:="";
form4.query2.SQL.Clear;
form4.query2.SQL.Text:='select * from travels where
from1='+#39+(form4.combobox1.Text)+#39;
form4.query2.open;
end;

```

```

procedure TForm4.ComboBox2Change(Sender: TObject);
begin
combobox3.Text:="";
combobox4.Text:="";
    if combobox1.Text<>" then begin
        form4.query2.SQL.Clear;
        form4.query2.SQL.Text:='select * from travels where
from1='+#39+(form4.combobox1.Text)+#39+'and
to1='+#39+(form4.combobox2.Text)+#39;
        form4.query2.open;
    end else begin

```

```

form4.query2.SQL.Clear;
form4.query2.SQL.Text:='select * from travels where
to1='+#39+(form4.combobox2.Text)+#39;
form4.query2.open;
end;
end;

procedure TForm4.ComboBox3Change(Sender: TObject);
begin
combobox4.Text:='';
if combobox1.Text<>" then begin
if combobox2.Text<>" then begin
form4.query2.SQL.Clear;
form4.query2.SQL.Text:='select * from travels where
from1='+#39+(form4.combobox1.Text)+#39+'and
to1='+#39+(form4.combobox2.Text)+#39+'and
mon1='+#39+(form4.combobox3.Text)+#39;
form4.query2.open;
end else begin
form4.query2.SQL.Clear;
form4.query2.SQL.Text:='select * from travels where
from1='+#39+(form4.combobox1.Text)+#39+'and
mon1='+#39+(form4.combobox3.Text)+#39;
form4.query2.open;
end;
end;
if combobox1.Text="" then begin
if combobox2.Text="" then begin
form4.query2.SQL.Clear;
form4.query2.SQL.Text:='select * from travels where
mon1='+#39+(form4.combobox3.Text)+#39;
form4.query2.open;
end else begin
form4.query2.SQL.Clear;
form4.query2.SQL.Text:='select * from travels where
to1='+#39+(form4.combobox2.Text)+#39+'and
mon1='+#39+(form4.combobox3.Text)+#39;
form4.query2.open;
end;
end;
end;

procedure TForm4.ComboBox4Change(Sender: TObject);
begin
if combobox1.Text<>" then begin
if combobox2.Text<>" then begin
if combobox3.Text<>" then begin
form4.query2.SQL.Clear;
form4.query2.SQL.Text:='select * from travels where
from1='+#39+(form4.combobox1.Text)+#39+'and

```



```

to1='#39+(form4.combobox2.Text)+'and
mon1='#39+(form4.combobox3.Text)+'and
day1='#39+(form4.combobox4.Text)+'39;
form4.query2.open;
end else begin
form4.query2.SQL.Clear;
form4.query2.SQL.Text:='select * from travels where
from1='#39+(form4.combobox1.Text)+'and
to1='#39+(form4.combobox2.Text)+'and
day1='#39+(form4.combobox4.Text)+'39;
form4.query2.open;
end;
end;
end;
if combobox1.Text="" then begin
if combobox2.Text="" then begin
if combobox3.Text="" then begin
form4.query2.SQL.Clear;
form4.query2.SQL.Text:='select * from travels where
day1='#39+(form4.combobox4.Text)+'39;
form4.query2.open;
end;
end;
end;
if combobox1.Text="" then begin
if combobox2.Text<>" then begin
if combobox3.Text="" then begin
form4.query2.SQL.Clear;
form4.query2.SQL.Text:='select * from travels where
to1='#39+(form4.combobox2.Text)+'and
day1='#39+(form4.combobox4.Text)+'39;
form4.query2.open;
end;
end;
end;
if combobox1.Text<>" then begin
if combobox2.Text="" then begin
if combobox3.Text="" then begin
form4.query2.SQL.Clear;
form4.query2.SQL.Text:='select * from travels where
from1='#39+(form4.combobox1.Text)+'and
day1='#39+(form4.combobox4.Text)+'39;
form4.query2.open;
end;
end;
end;
end;
if combobox1.Text<>" then begin
if combobox2.Text="" then begin
if combobox3.Text<>" then begin
form4.query2.SQL.Clear;

```

```

form4.query2.SQL.Text:='select * from travels where
from1='+#39+(form4.combobox1.Text)+#39+'and
mon1='+#39+(form4.combobox3.Text)+#39+'and
day1='+#39+(form4.combobox4.Text)+#39;
form4.query2.open;
end;
end;
end;
end;

```

```

Procedure readrez;
begin
with form4 do begin
edit46.Text:=query50.Fields[0].AsString;
edit47.Text:=query50.Fields[1].AsString;
combobox5.Text:=query50.Fields[2].AsString;
edit48.Text:=query50.Fields[3].AsString;
edit49.Text:=query50.Fields[4].AsString;
edit50.Text:=query50.Fields[5].AsString;
edit51.Text:=query50.Fields[6].AsString;
edit52.Text:=query50.Fields[7].AsString;
edit53.Text:=query50.Fields[8].AsString;
edit55.Text:=query50.Fields[9].AsString;
edit54.Text:=query50.Fields[10].AsString+'-'+ query50.Fields[11].AsString+'-
'+query50.Fields[12].AsString;
end;
end;

```

```

Procedure readsell;
begin
with form4 do begin
edit46.Text:=query49.Fields[0].AsString;
edit47.Text:=query49.Fields[1].AsString;
combobox5.Text:=query49.Fields[2].AsString;
edit48.Text:=query49.Fields[3].AsString;
edit49.Text:=query49.Fields[4].AsString;
edit50.Text:=query49.Fields[5].AsString;
edit51.Text:=query49.Fields[6].AsString;
edit52.Text:=query49.Fields[7].AsString;
edit53.Text:=query49.Fields[8].AsString;
edit55.Text:=query49.Fields[9].AsString;
edit54.Text:=query49.Fields[10].AsString+'-'+ query49.Fields[11].AsString+'-
'+query49.Fields[12].AsString;
end;
end;

```

```

procedure TForm4.DBGrid1DbClick(Sender: TObject);
var
a,b:string;
begin

```

```

monselect:=dbgrid1.Fields[2].AsString;
dayselect:=dbgrid1.Fields[3].AsString;
ploysselect:=dbgrid1.Fields[4].AsString;
editres;
Edit49.Text:=dbgrid1.Fields[0].AsString;
Edit50.Text:=dbgrid1.Fields[1].AsString;
Edit52.Text:=dbgrid1.Fields[4].AsString;
Edit53.Text:=dbgrid1.Fields[5].AsString;
Edit54.Text:=dbgrid1.Fields[3].AsString+'-'+dbgrid1.Fields[2].AsString+'-
'+FormatDateTime('yyyy',Date);
edit55.Text:=dbgrid1.Fields[6].AsString;
panel1.Visible:=true;
a:=dbgrid1.Fields[0].AsString;
b:=dbgrid1.Fields[1].AsString;
slc(dbgrid1.Fields[4].AsString);
src(a,b);
    if (query3.Fields[0].AsString=a) and (query3.Fields[1].AsString=b) then
    begin
        edit51.Text:=query3.Fields[2].AsString;
    end;
end;

procedure TForm4.Edit1DbClick(Sender: TObject);
begin
    k:=1;
    if edit1.Text='SEAT 1' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit1.Text;
        tr:=1; end else begin tr:=0;
if (edit1.Color=cllime) or (edit1.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ploysselect)+#39+'and
seat='+#39+('SEAT 1')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;
    if (edit1.Color=clblue) or (edit1.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where ploy='+#39+(ploysselect)+#39+'and
        seat='+#39+('SEAT 1')+#39;
        query49.Open;
        query49.Last;

```

```

    readsell;
    groupbox2.Enabled:=true;
    end;
end;
end;

procedure TForm4.Edit2DbClick(Sender: TObject);
begin
    k:=2;
    if edit2.Text='SEAT 2' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit2.Text;
        tr:=1; end else begin tr:=0;
if (edit2.Color=cllime) or (edit2.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 2')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;
    if (edit2.Color=clblue) or (edit2.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where ploy='+#39+(ployselect)+#39+'and
        seat='+#39+('SEAT 2')+#39;
        query49.Open;
        query49.Last;
        readsell;
        groupbox2.Enabled:=true;
        end;
    end;
end;

procedure TForm4.dxBButton1Click(Sender: TObject);
begin
    FORM4.Close;
    Form1.enabled:=true;
end;

procedure TForm4.FormCreate(Sender: TObject);
begin
    image1.Visible:=true;

```



```

groupbox2.Enabled:=false;
panel1.Visible:=false;
resetquery;
end;

procedure TForm4.Edit3DbClick(Sender: TObject);
begin
k:=3;
  if edit3.Text='SEAT 3' then begin
    groupbox2.Enabled:=true;
    edit46.SetFocus;
    edit46.Text:="";
    edit47.Text:="";
    combobox5.Text:="";
    edit48.Text:="";
    combobox6.Text:="";
    edit48.Text:=edit3.Text;
    tr:=1; end else begin tr:=0;
if (edit3.Color=cllime) or (edit3.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 3')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;
  if (edit3.Color=clblue) or (edit3.Color=clred) then begin
query49.SQL.Clear;
query49.SQL.Text:='select * from sell where
ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 3')+#39;
query49.Open;
query49.Last;
readsell;
groupbox2.Enabled:=true;
end;
end;
end;

procedure TForm4.Edit4DbClick(Sender: TObject);
begin
k:=4;
  if edit4.Text='SEAT 4' then begin
    groupbox2.Enabled:=true;
    edit46.SetFocus;
    edit46.Text:="";
    edit47.Text:="";
    combobox5.Text:="";
    edit48.Text:="";
    combobox6.Text:="";

```

```

        edit48.Text:=edit4.Text;
        tr:=1; end else begin tr:=0;
if (edit4.Color=cllime) or (edit4.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 4')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;

        if (edit4.Color=clblue) or (edit4.Color=clred) then begin
query49.SQL.Clear;
query49.SQL.Text:='select * from sell where
ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 4')+#39;
query49.Open;
query49.Last;
readsell;
groupbox2.Enabled:=true;
end;

end;
end;

procedure TForm4.Edit5DbClick(Sender: TObject);
begin
k:=5;

        if edit5.Text='SEAT 5' then begin
groupbox2.Enabled:=true;
edit46.SetFocus;
edit46.Text:="";
edit47.Text:="";
combobox5.Text:="";
edit48.Text:="";
combobox6.Text:="";
edit48.Text:=edit5.Text;
tr:=1; end else begin tr:=0;
if (edit5.Color=cllime) or (edit5.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 5')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;

        if (edit5.Color=clblue) or (edit5.Color=clred) then begin
query49.SQL.Clear;
query49.SQL.Text:='select * from sell where
ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 5')+#39;
query49.Open;

```

```

    query49.Last;
    readsell;
    groupbox2.Enabled:=true;
    end;
end;
end;

procedure TForm4.Edit6DbClick(Sender: TObject);
begin
    k:=6;
    if edit6.Text='SEAT 6' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit6.Text;
        tr:=1; end else begin tr:=0;
    if (edit6.Color=cllime) or (edit6.Color=clyellow) then begin
        query50.SQL.Clear;
        query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
        seat='+#39+('SEAT 6')+#39;
        query50.Open;
        query50.Last;
        readrez;
        groupbox2.Enabled:=true;
        end;
        if (edit6.Color=clblue) or (edit6.Color=clred) then begin
            query49.SQL.Clear;
            query49.SQL.Text:='select * from sell where
            ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 6')+#39;
            query49.Open;
            query49.Last;
            readsell;
            groupbox2.Enabled:=true;
            end;
        end;
    end;
end;

procedure TForm4.Edit7DbClick(Sender: TObject);
begin
    k:=7;
    if edit7.Text='SEAT 7' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";

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```

edit48.Text:="";
combobox6.Text:="";
edit48.Text:=edit7.Text;
tr:=1; end else begin tr:=0;
if (edit7.Color=cllime) or (edit7.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 7')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;

if (edit7.Color=clblue) or (edit7.Color=clred) then begin
query49.SQL.Clear;
query49.SQL.Text:='select * from sell where
ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 7')+#39;
query49.Open;
query49.Last;
readsell;
groupbox2.Enabled:=true;
end;
end;
end;

procedure TForm4.Edit8DbClick(Sender: TObject);
begin
k:=8;
if edit8.Text='SEAT 8' then begin
groupbox2.Enabled:=true;
edit46.SetFocus;
edit46.Text:="";
edit47.Text:="";
combobox5.Text:="";
edit48.Text:="";
combobox6.Text:="";
edit48.Text:=edit8.Text;
tr:=1; end else begin tr:=0;
if (edit8.Color=cllime) or (edit8.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 8')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;

if (edit8.Color=clblue) or (edit8.Color=clred) then begin
query49.SQL.Clear;

```



```

    query49.SQL.Text:='select * from sell where
    ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 8')+#39;
    query49.Open;
    query49.Last;
    readsell;
    groupbox2.Enabled:=true;
    end;
end;
end;

procedure TForm4.Edit9DbClick(Sender: TObject);
begin
    k:=9;
    if edit9.Text='SEAT 9' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:='';
        edit47.Text:='';
        combobox5.Text:='';
        edit48.Text:='';
        combobox6.Text:='';
        edit48.Text:=edit9.Text;
        tr:=1; end else begin tr:=0;
    if (edit9.Color=cllime) or (edit9.Color=clyellow) then begin
        query50.SQL.Clear;
        query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
        seat='+#39+('SEAT 9')+#39;
        query50.Open;
        query50.Last;
        readrez;
        groupbox2.Enabled:=true;
        end;
        if (edit9.Color=clblue) or (edit9.Color=clred) then begin
            query49.SQL.Clear;
            query49.SQL.Text:='select * from sell where
            ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 9')+#39;
            query49.Open;
            query49.Last;
            readsell;
            groupbox2.Enabled:=true;
            end;
        end;
    end;

    procedure TForm4.Edit10DbClick(Sender: TObject);
    begin
        k:=10;
        if edit10.Text='SEAT 10' then begin
            groupbox2.Enabled:=true;

```

```

edit46.SetFocus;
edit46.Text:="";
edit47.Text:="";
combobox5.Text:="";
edit48.Text:="";
combobox6.Text:="";
edit48.Text:=edit10.Text;
tr:=1; end else begin tr:=0;
if (edit10.Color=cllime) or (edit10.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 10')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;
    if (edit10.Color=clblue) or (edit10.Color=clred) then begin
query49.SQL.Clear;
query49.SQL.Text:='select * from sell where
ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 10')+#39;
query49.Open;
query49.Last;
readsell;
groupbox2.Enabled:=true;
end;
end;
end;

procedure TForm4.Edit11DbClick(Sender: TObject);
begin
k:=11;
    if edit11.Text='SEAT 11' then begin
groupbox2.Enabled:=true;
edit46.SetFocus;
edit46.Text:="";
edit47.Text:="";
combobox5.Text:="";
edit48.Text:="";
combobox6.Text:="";
edit48.Text:=edit11.Text;
tr:=1; end else begin tr:=0;
if (edit11.Color=cllime) or (edit11.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 11')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;

```

```

end;
    if (edit11.Color=clblue) or (edit11.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 11')+#39;
        query49.Open;
        query49.Last;
        readsell;
        groupbox2.Enabled:=true;
    end;
end;
end;

procedure TForm4.Edit12DbClick(Sender: TObject);
begin
    k:=12;
    if edit12.Text='SEAT 12' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:='';
        edit47.Text:='';
        combobox5.Text:='';
        edit48.Text:='';
        combobox6.Text:='';
        edit48.Text:=edit12.Text;
        tr:=1; end else begin tr:=0;
    if (edit12.Color=cllime) or (edit12.Color=clyellow) then begin
        query50.SQL.Clear;
        query50.SQL.Text:='select * from rezeve where ploy='+#39+(ployselect)+#39+'and
        seat='+#39+('SEAT 12')+#39;
        query50.Open;
        query50.Last;
        readrez;
        groupbox2.Enabled:=true;
    end;
        if (edit12.Color=clblue) or (edit12.Color=clred) then begin
            query49.SQL.Clear;
            query49.SQL.Text:='select * from sell where
            ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 12')+#39;
            query49.Open;
            query49.Last;
            readsell;
            groupbox2.Enabled:=true;
        end;
    end;
end;

procedure TForm4.Edit13DbClick(Sender: TObject);
begin
    k:=13;

```

```

    if edit13.Text='SEAT 13' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit13.Text;
        tr:=1; end else begin tr:=0;
if (edit13.Color=cllime) or (edit13.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 13')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;
    if (edit13.Color=clblue) or (edit13.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 13')+#39;
        query49.Open;
        query49.Last;
        readsell;
        groupbox2.Enabled:=true;
        end;
end;
end;

procedure TForm4.Edit14DbClick(Sender: TObject);
begin
k:=14;
    if edit14.Text='SEAT 14' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit14.Text;
        tr:=1; end else begin tr:=0;
if (edit14.Color=cllime) or (edit14.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 14')+#39;
query50.Open;
query50.Last;

```



```

readrez;
groupbox2.Enabled:=true;
end;

    if (edit14.Color=clblue) or (edit14.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 14')+#39;
        query49.Open;
        query49.Last;
        readsell;
        groupbox2.Enabled:=true;
        end;

end;
end;

procedure TForm4.Edit15DbClick(Sender: TObject);
begin
k:=15;
    if edit15.Text='SEAT 15' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit15.Text;
        tr:=1; end else begin tr:=0;

if (edit15.Color=cllime) or (edit15.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 15')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;

    if (edit15.Color=clblue) or (edit15.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 15')+#39;
        query49.Open;
        query49.Last;
        readsell;
        groupbox2.Enabled:=true;
        end;
end;
end;
end;

procedure TForm4.Edit16DbClick(Sender: TObject);

```

```

begin
k:=16;
    if edit16.Text='SEAT 16' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit16.Text;
        tr:=1; end else begin tr:=0;
if (edit16.Color=cllime) or (edit16.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 16')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;
    if (edit16.Color=clblue) or (edit16.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 16')+#39;
        query49.Open;
        query49.Last;
        readsell;
        groupbox2.Enabled:=true;
        end;
end;
end;

```

```

procedure TForm4.Edit17DbClick(Sender: TObject);
begin
k:=17;
    if edit17.Text='SEAT 17' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit17.Text;
        tr:=1; end else begin tr:=0;
    if (edit17.Color=cllime) or (edit17.Color=clyellow) then begin
        query50.SQL.Clear;
        query50.SQL.Text:='select * from rezerve where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 17')+#39;

```

```

        query50.Open;
        query50.Last;
        readrez;
        groupbox2.Enabled:=true;
    end;
if (edit17.Color=clblue) or (edit17.Color=clred) then begin
    query49.SQL.Clear;
    query49.SQL.Text:='select * from sell where ploy='+#39+(ployselect)+#39+'and
    seat='+#39+('SEAT 17')+#39;
    query49.Open;
    query49.Last;
    readsell;
    groupbox2.Enabled:=true;
end;
end;
end;

procedure TForm4.Edit18DbClick(Sender: TObject);
begin
    k:=18;
    if edit18.Text='SEAT 18' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit18.Text;
        tr:=1; end else begin tr:=0;
if (edit18.Color=cllime) or (edit18.Color=clyellow) then begin
    query50.SQL.Clear;
    query50.SQL.Text:='select * from reserve where ploy='+#39+(ployselect)+#39+'and
    seat='+#39+('SEAT 18')+#39;
    query50.Open;
    query50.Last;
    readrez;
    groupbox2.Enabled:=true;
end;
    if (edit18.Color=clblue) or (edit18.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 18')+#39;
        query49.Open;
        query49.Last;
        readsell;
        groupbox2.Enabled:=true;
    end;
end;
end;

```

```

procedure TForm4.Edit19DbClick(Sender: TObject);
begin
k:=19;
if edit19.Text='SEAT 19' then begin
groupbox2.Enabled:=true;
edit46.SetFocus;
edit46.Text:="";
edit47.Text:="";
combobox5.Text:="";
edit48.Text:="";
combobox6.Text:="";
edit48.Text:=edit19.Text;
tr:=1; end else begin tr:=0;
    if (edit19.Color=cllime) or (edit19.Color=clyellow) then begin
        query50.SQL.Clear;
        query50.SQL.Text:='select * from rezerve where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 19')+#39;
        query50.Open;
        query50.Last;
        readrez;
        groupbox2.Enabled:=true;
        end;
    if (edit19.Color=clblue) or (edit19.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where ploy='+#39+(ployselect)+#39+'and
        seat='+#39+('SEAT 19')+#39;
        query49.Open;
        query49.Last;
        readsell;
        groupbox2.Enabled:=true;
        end;
    end;
end;
end;
end;

```

```

procedure TForm4.Edit20DbClick(Sender: TObject);
begin
k:=20;
    if edit20.Text='SEAT 20' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit20.Text;
        tr:=1; end else begin tr:=0;
    if (edit20.Color=cllime) or (edit20.Color=clyellow) then begin
        query50.SQL.Clear;

```



```

query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 20')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;

    if (edit20.Color=clblue) or (edit20.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 20')+#39;
        query49.Open;
        query49.Last;
        readsell;
        groupbox2.Enabled:=true;
        end;
end;
end;

```

```

procedure TForm4.Edit21DbClick(Sender: TObject);
begin
k:=21;
if edit21.Text='SEAT 21' then begin
groupbox2.Enabled:=true;
edit46.SetFocus;
edit46.Text:='';
edit47.Text:='';
combobox5.Text:='';
edit48.Text:='';
combobox6.Text:='';
edit48.Text:=edit21.Text;
tr:=1; end else begin tr:=0;
    if (edit21.Color=cllime) or (edit21.Color=clyellow) then begin
        query50.SQL.Clear;
        query50.SQL.Text:='select * from rezerve where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 21')+#39;
        query50.Open;
        query50.Last;
        readrez;
        groupbox2.Enabled:=true;
        end;
if (edit21.Color=clblue) or (edit21.Color=clred) then begin
query49.SQL.Clear;
query49.SQL.Text:='select * from sell where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 21')+#39;
query49.Open;
query49.Last;
readsell;
groupbox2.Enabled:=true;
end;

```

```

end;
end;

procedure TForm4.Edit22DbClick(Sender: TObject);
begin
k:=22;
    if edit22.Text='SEAT 22' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit22.Text;
        tr:=1; end else begin tr:=0;
if (edit22.Color=cllime) or (edit22.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 22')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;
        if (edit22.Color=clblue) or (edit22.Color=clred) then begin
            query49.SQL.Clear;
            query49.SQL.Text:='select * from sell where
            ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 22')+#39;
            query49.Open;
            query49.Last;
            readsell;
            groupbox2.Enabled:=true;
            end;
        end;
end;
end;

procedure TForm4.Edit23DbClick(Sender: TObject);
begin
k:=23;
if edit23.Text='SEAT 23' then begin
groupbox2.Enabled:=true;
edit46.SetFocus;
edit46.Text:="";
edit47.Text:="";
combobox5.Text:="";
edit48.Text:="";
combobox6.Text:="";
edit48.Text:=edit23.Text;
tr:=1; end else begin tr:=0;

```

```

if (edit23.Color=cllime) or (edit23.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where
ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 23')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;

```

```

if (edit23.Color=clblue) or (edit23.Color=clred) then begin
query49.SQL.Clear;
query49.SQL.Text:='select * from sell where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 23')+#39;
query49.Open;
query49.Last;
readsell;
groupbox2.Enabled:=true;
end;
end;
end;

```

```

procedure TForm4.Edit24DbClick(Sender: TObject);
begin
k:=24;

```

```

    if edit24.Text='SEAT 24' then begin
groupbox2.Enabled:=true;
edit46.SetFocus;
edit46.Text:="";
edit47.Text:="";
combobox5.Text:="";
edit48.Text:="";
combobox6.Text:="";
edit48.Text:=edit24.Text;
tr:=1; end else begin tr:=0;

```

```

if (edit24.Color=cllime) or (edit24.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 24')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;
if (edit24.Color=clblue) or (edit24.Color=clred) then begin
query49.SQL.Clear;
query49.SQL.Text:='select * from sell where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 24')+#39;
query49.Open;
query49.Last;
readsell;

```

```

groupbox2.Enabled:=true;
end;
end;
end;

```

```

procedure TForm4.Edit25DbClick(Sender: TObject);
begin
k:=25;

```

```

    if edit25.Text='SEAT 25' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit25.Text;
        tr:=1; end else begin tr:=0;

```

```

if (edit25.Color=cllime) or (edit25.Color=clyellow) then begin

```

```

    query50.SQL.Clear;
    query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
    seat='+#39+('SEAT 25')+#39;
    query50.Open;
    query50.Last;
    readrez;
    groupbox2.Enabled:=true;
end;

```

```

    if (edit25.Color=clblue) or (edit25.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 25')+#39;
        query49.Open;
        query49.Last;
        readsell;
        groupbox2.Enabled:=true;
    end;

```

```

end;
end;

```

```

procedure TForm4.Edit26DbClick(Sender: TObject);
begin
k:=26;

```

```

if edit26.Text='SEAT 26' then begin
    groupbox2.Enabled:=true;
    edit46.SetFocus;
    edit46.Text:="";
    edit47.Text:="";
    combobox5.Text:="";
    edit48.Text:="";
    combobox6.Text:="";

```



```

edit48.Text:=edit26.Text;
tr:=1; end else begin tr:=0;
    if (edit26.Color=cllime) or (edit26.Color=clyellow) then begin
        query50.SQL.Clear;
        query50.SQL.Text:='select * from rezerve where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 26')+#39;
        query50.Open;
        query50.Last;
        readrez;
        groupbox2.Enabled:=true;
    end;
if (edit26.Color=clblue) or (edit26.Color=clred) then begin
    query49.SQL.Clear;
    query49.SQL.Text:='select * from sell where ploy='+#39+(ployselect)+#39+'and
    seat='+#39+('SEAT 26')+#39;
    query49.Open;
    query49.Last;
    readsell;
    groupbox2.Enabled:=true;
end;
end;
end;

procedure TForm4.Edit27DbClick(Sender: TObject);
begin
k:=27;
    if edit27.Text='SEAT 27' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit27.Text;
        tr:=1; end else begin tr:=0;
if (edit27.Color=cllime) or (edit27.Color=clyellow) then begin
    query50.SQL.Clear;
    query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
    seat='+#39+('SEAT 27')+#39;
    query50.Open;
    query50.Last;
    readrez;
    groupbox2.Enabled:=true;
end;
    if (edit27.Color=clblue) or (edit27.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 27')+#39;
        query49.Open;

```

```

    query49.Last;
    readsell;
    groupbox2.Enabled:=true;
end;

end;
end;

procedure TForm4.Edit28DbClick(Sender: TObject);
begin
    k:=28;
    if edit28.Text='SEAT 28' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit28.Text;
        tr:=1; end else begin tr:=0;
if (edit28.Color=cllime) or (edit28.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 28')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;
    if (edit28.Color=clblue) or (edit28.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 28')+#39;
        query49.Open;
        query49.Last;
        readsell;
        groupbox2.Enabled:=true;
        end;
    end;
end;

procedure TForm4.Edit29DbClick(Sender: TObject);
begin
    k:=29;
    if edit29.Text='SEAT 29' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";

```

```

edit48.Text:="";
combobox6.Text:="";
edit48.Text:=edit29.Text;
tr:=1; end else begin tr:=0;
    if (edit29.Color=cllime) or (edit29.Color=clyellow) then begin
        query50.SQL.Clear;
        query50.SQL.Text:='select * from rezerve where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 29')+#39;
        query50.Open;
        query50.Last;
        readrez;
        groupbox2.Enabled:=true;
        end;
    if (edit29.Color=clblue) or (edit29.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where ploy='+#39+(ployselect)+#39+'and
        seat='+#39+('SEAT 29')+#39;
        query49.Open;
        query49.Last;
        readsell;
        groupbox2.Enabled:=true;
        end;
    end;
    end;
    end;

procedure TForm4.Edit30DbClick(Sender: TObject);
begin
    k:=30;
    if edit30.Text='SEAT 30' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit30.Text;
        tr:=1; end else begin tr:=0;
    if (edit30.Color=cllime) or (edit30.Color=clyellow) then begin
        query50.SQL.Clear;
        query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
        seat='+#39+('SEAT 30')+#39;
        query50.Open;
        query50.Last;
        readrez;
        groupbox2.Enabled:=true;
        end;
    if (edit30.Color=clblue) or (edit30.Color=clred) then begin
        query49.SQL.Clear;

```

```

    query49.SQL.Text:='select * from sell where
    ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 30')+#39;
    query49.Open;
    query49.Last;
    readsell;
    groupbox2.Enabled:=true;
    end;
end;
end;

procedure TForm4.Edit31DbClick(Sender: TObject);
begin
k:=31;
    if edit31.Text='SEAT 31' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:='';
        edit47.Text:='';
        combobox5.Text:='';
        edit48.Text:='';
        combobox6.Text:='';
        edit48.Text:=edit31.Text;
        tr:=1; end else begin tr:=0;
if (edit31.Color=cllime) or (edit31.Color=clyellow) then begin
    query50.SQL.Clear;
    query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
    seat='+#39+('SEAT 31')+#39;
    query50.Open;
    query50.Last;
    readrez;
    groupbox2.Enabled:=true;
    end;
        if (edit31.Color=clblue) or (edit31.Color=clred) then begin
            query49.SQL.Clear;
            query49.SQL.Text:='select * from sell where
            ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 31')+#39;
            query49.Open;
            query49.Last;
            readsell;
            groupbox2.Enabled:=true;
            end;
        end;
    end;
end;

procedure TForm4.Edit32DbClick(Sender: TObject);
begin
k:=32;
    if edit32.Text='SEAT 32' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;

```



```

edit46.Text:="";
edit47.Text:="";
combobox5.Text:="";
edit48.Text:="";
combobox6.Text:="";
edit48.Text:=edit32.Text;
tr:=1; end else begin tr:=0;
if (edit32.Color=cllime) or (edit32.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 32')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;
    if (edit32.Color=clblue) or (edit32.Color=clred) then begin
query49.SQL.Clear;
query49.SQL.Text:='select * from sell where
ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 32')+#39;
query49.Open;
query49.Last;
readsell;
groupbox2.Enabled:=true;
end;
end;
end;

procedure TForm4.Edit33DbClick(Sender: TObject);
begin
k:=33;
    if edit33.Text='SEAT 33' then begin
groupbox2.Enabled:=true;
edit46.SetFocus;
edit46.Text:="";
edit47.Text:="";
combobox5.Text:="";
edit48.Text:="";
combobox6.Text:="";
edit48.Text:=edit33.Text;
tr:=1; end else begin tr:=0;
if (edit33.Color=cllime) or (edit33.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 33')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;

```

```

    if (edit33.Color=clblue) or (edit33.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 33')+#39;
        query49.Open;
        query49.Last;
        readsell;
        groupbox2.Enabled:=true;
    end;
end;
end;

procedure TForm4.Edit34DbClick(Sender: TObject);
begin
    k:=34;
    if edit34.Text='SEAT 34' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:='';
        edit47.Text:='';
        combobox5.Text:='';
        edit48.Text:='';
        combobox6.Text:='';
        edit48.Text:=edit34.Text;
        tr:=1; end else begin tr:=0;
    if (edit34.Color=cllime) or (edit34.Color=clyellow) then begin
        query50.SQL.Clear;
        query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
        seat='+#39+('SEAT 34')+#39;
        query50.Open;
        query50.Last;
        readrez;
        groupbox2.Enabled:=true;
    end;
        if (edit34.Color=clblue) or (edit34.Color=clred) then begin
            query49.SQL.Clear;
            query49.SQL.Text:='select * from sell where
            ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 34')+#39;
            query49.Open;
            query49.Last;
            readsell;
            groupbox2.Enabled:=true;
        end;
    end;
end;

procedure TForm4.Edit35DbClick(Sender: TObject);
begin
    k:=35;
    if edit35.Text='SEAT 35' then begin

```

```

        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit35.Text;
        tr:=1; end else begin tr:=0;
if (edit35.Color=cllime) or (edit35.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselct)+#39+'and
seat='+#39+('SEAT 35')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;
        if (edit35.Color=clblue) or (edit35.Color=clred) then begin
query49.SQL.Clear;
query49.SQL.Text:='select * from sell where
ploy='+#39+(ployselct)+#39+'and seat='+#39+('SEAT 35')+#39;
query49.Open;
query49.Last;
readsell;
groupbox2.Enabled:=true;
end;
end;
end;

procedure TForm4.Edit36DbClick(Sender: TObject);
begin
k:=36;
        if edit36.Text='SEAT 36' then begin
groupbox2.Enabled:=true;
edit46.SetFocus;
edit46.Text:="";
edit47.Text:="";
combobox5.Text:="";
edit48.Text:="";
combobox6.Text:="";
edit48.Text:=edit36.Text;
tr:=1; end else begin tr:=0;
if (edit36.Color=cllime) or (edit36.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselct)+#39+'and
seat='+#39+('SEAT 36')+#39;
query50.Open;
query50.Last;
readrez;

```

```

groupbox2.Enabled:=true;
end;
    if (edit36.Color=clblue) or (edit36.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 36')+#39;
        query49.Open;
        query49.Last;
        readsell;
        groupbox2.Enabled:=true;
    end;
end;
end;

procedure TForm4.Edit37DbClick(Sender: TObject);
begin
    k:=37;
    if edit37.Text='SEAT 37' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:='';
        edit47.Text:='';
        combobox5.Text:='';
        edit48.Text:='';
        combobox6.Text:='';
        edit48.Text:=edit37.Text;
        tr:=1; end else begin tr:=0;
    if (edit37.Color=cllime) or (edit37.Color=clyellow) then begin
        query50.SQL.Clear;
        query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
        seat='+#39+('SEAT 37')+#39;
        query50.Open;
        query50.Last;
        readrez;
        groupbox2.Enabled:=true;
    end;
    if (edit31.Color=clblue) or (edit31.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 37')+#39;
        query49.Open;
        query49.Last;
        readsell;
        groupbox2.Enabled:=true;
    end;
end;
end;

procedure TForm4.Edit38DbClick(Sender: TObject);
begin

```



```

k:=38;
if edit38.Text='SEAT 38' then begin
groupbox2.Enabled:=true;
edit46.SetFocus;
edit46.Text:="";
edit47.Text:="";
combobox5.Text:="";
edit48.Text:="";
combobox6.Text:="";
edit48.Text:=edit38.Text;
tr:=1; end else begin tr:=0;
    if (edit38.Color=cllime) or (edit38.Color=clyellow) then begin
        query50.SQL.Clear;
        query50.SQL.Text:='select * from rezerve where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 38')+#39;
        query50.Open;
        query50.Last;
        readrez;
        groupbox2.Enabled:=true;
        end;
    if (edit38.Color=clblue) or (edit38.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where ploy='+#39+(ployselect)+#39+'and
        seat='+#39+('SEAT 38')+#39;
        query49.Open;
        query49.Last;
        readsell;
        groupbox2.Enabled:=true;
        end;
    end;
end;

procedure TForm4.Edit39DbClick(Sender: TObject);
begin
k:=39;
    if edit39.Text='SEAT 39' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit39.Text;
        tr:=1; end else begin tr:=0;
        if (edit39.Color=cllime) or (edit39.Color=clyellow) then begin
            query50.SQL.Clear;
            query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
            seat='+#39+('SEAT 39')+#39;
            query50.Open;

```

```

query50.Last;
readrez;
groupbox2.Enabled:=true;
end;
if (edit39.Color=clblue) or (edit39. Color=clred) then begin
query49.SQL.Clear;
query49.SQL.Text:='select * from sell where ploy='+#39+(ployselct)+#39+'and
seat='+#39+('SEAT 39')+#39;
query49.Open;
query49.Last;
readsell;
groupbox2.Enabled:=true;
end;
end;
end;

procedure TForm4.Edit40DbClick(Sender: TObject);
begin
k:=40;
    if edit40.Text='SEAT 40' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit40.Text;
        tr:=1; end else begin tr:=0;
if (edit40.Color=cllime) or (edit40.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselct)+#39+'and
seat='+#39+('SEAT 40')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;
    if (edit40.Color=clblue) or (edit40.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where
        ploy='+#39+(ployselct)+#39+'and seat='+#39+('SEAT 40')+#39;
        query49.Open;
        query49.Last;
        readsell;
        groupbox2.Enabled:=true;
        end;
end;
end;

```

```

procedure TForm4.Edit41DbClick(Sender: TObject);
begin
k:=41;
    if edit41.Text='SEAT 41' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit41.Text;
        tr:=1; end else begin tr:=0;
if (edit41.Color=cllime) or (edit41.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 41')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;
    if (edit41.Color=clblue) or (edit41.Color=clred) then begin
        query49.SQL.Clear;
        query49.SQL.Text:='select * from sell where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 41')+#39;
        query49.Open;
        query49.Last;
        readsell;
        groupbox2.Enabled:=true;
        end;
end;
end;

```

```

procedure TForm4.Edit42DbClick(Sender: TObject);
begin
k:=42;
if edit42.Text='SEAT 42' then begin
groupbox2.Enabled:=true;
edit46.SetFocus;
edit46.Text:="";
edit47.Text:="";
combobox5.Text:="";
edit48.Text:="";
combobox6.Text:="";
edit48.Text:=edit42.Text;
tr:=1; end else begin tr:=0;
    if (edit42.Color=cllime) or (edit42.Color=clyellow) then begin
        query50.SQL.Clear;

```

```

        query50.SQL.Text:='select * from rezerve where
        ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 42')+#39;
        query50.Open;
        query50.Last;
        readrez;
        groupbox2.Enabled:=true;
        end;
if (edit42.Color=clblue) or (edit42.Color=clred) then begin
    query49.SQL.Clear;
    query49.SQL.Text:='select * from sell where ploy='+#39+(ployselect)+#39+'and
    seat='+#39+('SEAT 42')+#39;
    query49.Open;
    query49.Last;
    readsell;
    groupbox2.Enabled:=true;
    end;
end;
end;
end;

procedure TForm4.Edit43DbClick(Sender: TObject);
begin
    k:=43;
    if edit43.Text='SEAT 43' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:='';
        edit47.Text:='';
        combobox5.Text:='';
        edit48.Text:='';
        combobox6.Text:='';
        edit48.Text:=edit43.Text;
        tr:=1; end else begin tr:=0;
if (edit43.Color=cllime) or (edit43.Color=clyellow) then begin
    query50.SQL.Clear;
    query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
    seat='+#39+('SEAT 43')+#39;
    query50.Open;
    query50.Last;
    readrez;
    groupbox2.Enabled:=true;
    end;
        if (edit43.Color=clblue) or (edit43.Color=clred) then begin
            query49.SQL.Clear;
            query49.SQL.Text:='select * from sell where ploy='+#39+(ployselect)+#39+'and
            seat='+#39+('SEAT 43')+#39;
            query49.Open;
            query49.Last;
            readsell;
            groupbox2.Enabled:=true;
            end;

```



```

end;
end;

procedure TForm4.Edit44DbClick(Sender: TObject);
begin
k:=44;
    if edit44.Text='SEAT 44' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit44.Text;
        tr:=1; end else begin tr:=0;
if (edit44.Color=cllime) or (edit44.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 44')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;
    if (edit44.Color=clblue) or (edit44.Color=clred) then begin
query49.SQL.Clear;
query49.SQL.Text:='select * from sell where
ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 44')+#39;
query49.Open;
query49.Last;
readsell;
groupbox2.Enabled:=true;
end;
end;
end;

```

```

procedure TForm4.Edit45DbClick(Sender: TObject);
begin
k:=45;
    if edit45.Text='SEAT 45' then begin
        groupbox2.Enabled:=true;
        edit46.SetFocus;
        edit46.Text:="";
        edit47.Text:="";
        combobox5.Text:="";
        edit48.Text:="";
        combobox6.Text:="";
        edit48.Text:=edit45.Text;

```

```

        tr:=1; end else begin tr:=0;
if (edit45.Color=cllime) or (edit45.Color=clyellow) then begin
query50.SQL.Clear;
query50.SQL.Text:='select * from rezerve where ploy='+#39+(ployselect)+#39+'and
seat='+#39+('SEAT 45')+#39;
query50.Open;
query50.Last;
readrez;
groupbox2.Enabled:=true;
end;
        if (edit45.Color=clblue) or (edit45.Color=clred) then begin
query49.SQL.Clear;
query49.SQL.Text:='select * from sell where
ploy='+#39+(ployselect)+#39+'and seat='+#39+('SEAT 45')+#39;
query49.Open;
query49.Last;
readsell;
groupbox2.Enabled:=true;
end;
end;
end;

procedure TForm4.Edit46KeyPress(Sender: TObject; var Key: Char);
begin
if key=#13 then
edit47.SetFocus;
end;

procedure TForm4.Edit47KeyPress(Sender: TObject; var Key: Char);
begin
if key=#13 then
combobox5.SetFocus;
end;

procedure TForm4.ComboBox5KeyPress(Sender: TObject; var Key: Char);
begin
if key=#13 then
combobox6.SetFocus;
end;

procedure TForm4.Button1Click(Sender: TObject);
begin
edit46.Text:="";
edit47.Text:="";
combobox5.Text:="";
combobox6.Text:="";
edit48.Text:="";
edit49.Text:="";
edit50.Text:="";

```

```

edit51.Text:="";
edit52.Text:="";
edit53.Text:="";
edit54.Text:="";
edit55.Text:="";
groupbox2.Enabled:=false;
end;

```

```

procedure TForm4.ComboBox6KeyPress(Sender: TObject; var Key: Char);
begin
if key=#13 then
button2.Click;
end;

```

```

procedure TForm4.FormActivate(Sender: TObject);
begin
image1.Visible:=true;
groupbox2.Enabled:=false;
panel1.Visible:=false;
end;

```

```

procedure TForm4.FormShow(Sender: TObject);
begin
image1.Visible:=true;
groupbox2.Enabled:=false;
panel1.Visible:=false;
end;
end.

```

## FORM 5

```

function src(a:string;b:string):boolean;
begin
src:=false;
form5.Query2.First;
while not form5.Query2.eof do
if (a=form5.Query2.Fields[0].asString) and
(b=form5.Query2.Fields[1].asString) then
begin
src:=true;
exit;
end
else
form5.Query2.Next;
end;

```

```

procedure TForm5.DBGrid1DbClick(Sender: TObject);
begin
combobox1.Text:=dbgrid1.Fields[0].AsString;

```

```

combobox2.Text:=dbgrid1.Fields[1].AsString;
src(combobox1.Text,combobox2.Text);
    if (query2.Fields[0].AsString=combobox1.Text) and
    (query2.Fields[1].AsString=combobox2.Text) then
    begin
        combobox1.Text:=query2.Fields[0].AsString;
        combobox2.Text:=query2.Fields[1].AsString;
        edit1.Text:=query2.Fields[2].AsString;
    end;
end;

```

```

procedure TForm5.dxButton1Click(Sender: TObject);
begin
    query2.Insert;
    query2.Fields[0].AsString:=combobox1.Text;
    query2.Fields[1].AsString:=combobox2.Text;
    query2.Fields[2].AsString:=edit1.Text;
    query2.Post;
    combobox1.Text:="";
    combobox2.Text:="";
    edit1.Text:="";
end;

```

```

procedure TForm5.dxButton2Click(Sender: TObject);
begin
    query2.edit;
    query2.Fields[0].AsString:=combobox1.Text;
    query2.Fields[1].AsString:=combobox2.Text;
    query2.Fields[2].AsString:=edit1.Text;
    query2.Post;
    combobox1.Text:="";
    combobox2.Text:="";
    edit1.Text:="";
end;

```

```

procedure TForm5.dxButton3Click(Sender: TObject);
begin
    src(combobox1.Text,combobox2.Text);
    if (query2.Fields[0].AsString=combobox1.Text) and
    (query2.Fields[1].AsString=combobox2.Text) then
    begin
        query2.Delete;
        combobox1.Text:="";
        combobox2.Text:="";
        edit1.Text:="";
    end;
end;

```

```

procedure TForm5.dxButton4Click(Sender: TObject);

```



```

begin
form5.Close;
form1.enabled:=true;
end;

procedure TForm5.FormActivate(Sender: TObject);
begin
Query1.First;
ComboBox1.Items.Clear;
ComboBox2.Items.Clear;
    while not Query1.Eof do begin
        ComboBox1.Items.Add(Query1.Fields[0].AsString);
        ComboBox2.Items.Add(Query1.Fields[0].AsString);
        Query1.Next;
    end;
end;
end.

```

## FORM 6

```

procedure TForm6.Timer1Timer(Sender: TObject);
var
c:Tcolor;
begin
c:=panel1.color;
panel1.Color:=panel1.Font.Color;
panel1.Font.Color:=c;
end;

```

```

procedure TForm6.FormCreate(Sender: TObject);
begin
timer1.Interval:=1;
end;
end.

```

## FORM 7

```

procedure TForm7.ComboBox1Change(Sender: TObject);
begin
form7.query1.SQL.Clear;
form7.query1.SQL.Text:='select * from travels where
mon1='+#39+(form7.combobox1.Text)+#39;
form7.query1.open;
end;

```

```

procedure TForm7.BitBtn3Click(Sender: TObject);
begin
form7.Close;

```

```
form1.enabled:=true;  
end;
```

```
procedure TForm7.BitBtn1Click(Sender: TObject);  
begin  
form8.QuickRep1.Preview;  
end;
```

```
procedure TForm7.BitBtn2Click(Sender: TObject);  
begin  
form8.QuickRep1.Print;  
end;  
end.
```

## FORM 10

```
procedure TForm10.Button1Click(Sender: TObject);  
begin  
form1.show;  
form10.Close;  
end;  
end.
```

## FORM 12

```
procedure TPasswordDlg.OKBtnClick(Sender: TObject);  
var  
a,b,c:string;  
begin  
a:='derya';  
b:='DERYA';  
c:=password.Text;  
if (c=a) or (c=b) then  
begin  
form1.Show;  
passwordDlg.hide;  
end else begin  
application.MessageBox('Wrong Password!!!','Warning!!!',16);  
end;  
end;
```

```
procedure TPasswordDlg.CancelBtnClick(Sender: TObject);  
begin  
passwordDlg.Close;  
end;  
end.
```

## FORM 14

```
var  
Form14: TForm14;  
a:integer;  
implementation
```

```
uses Unit1, Unit13;  
{ $R *.dfm }
```

```
procedure TForm14.ComboBox1Change(Sender: TObject);  
begin  
  query2.SQL.Clear;  
  query2.SQL.Text:='select * from sell where mon='+#39+(combobox1.Text)+#39;  
  query2.Open;  
  query1.SQL.Clear;  
  query1.SQL.Text:='select * from travels where mon1='+#39+(combobox1.Text)+#39;  
  query1.Open;  
  query1.First;  
  combobox2.Items.Clear;  
    while not query1.Eof do begin  
      combobox2.Items.Add(query1.Fields[4].AsString);  
      query1.Next;  
    end;  
end;
```

```
procedure TForm14.ComboBox2Change(Sender: TObject);  
begin  
  query2.SQL.Clear;  
  query2.SQL.Text:='select * from sell where ploy='+#39+(combobox2.Text)+#39;  
  query2.Open;  
  query2.first;  
  a:=0;  
    while not query2.Eof do begin  
      a:=a+strtoint(query2.Fields[6].AsString);  
      query2.Next;  
    end;  
  query2.SQL.Clear;  
  query2.SQL.Text:='select * from sell where ploy='+#39+(combobox2.Text)+#39;  
  query2.Open;  
  query2.first;  
end;
```

```
procedure TForm14.dxBUTTON3Click(Sender: TObject);  
begin  
  form14.close;  
  form1.Enabled:=true;  
end;
```

```
procedure TForm14.dxBUTTON2Click(Sender: TObject);
```

```
begin
form13.QRLabel20.Caption:=inttostr(a)+' '+YTL';
form13.QuickRep1.Print;
end;

procedure TForm14.dxButton1Click(Sender: TObject);
begin
form13.QRLabel20.Caption:=inttostr(a)+' '+YTL';
form13.QuickRep1.Preview;
end;

procedure TForm14.FormActivate(Sender: TObject);
begin
query2.Close;
end;
end.
```

## **FORM 16**

```
procedure TForm16.BitBtn1Click(Sender: TObject);
begin
form16.Close;
end;
end.
```