

unit Unit1;

interface

uses

Windows, Messages, SysUtils, Variants, Classes, Graphics,
Controls, Forms, Dialogs, StdCtrls;

type

```
TForm1 = class(TForm)
  ListBox1: TListBox;
  ExitButton: TButton;
  Edit1: TEdit;
  AddButton: TButton;
  DeleteButton: TButton;
  SaveButton: TButton;
  InsertButton: TButton;
  NameButton: TButton;
  IndexButton: TButton;
  IndexLabel: TLabel;
  LabelIndex2: TLabel;
  NameLabel: TLabel;
  LabelName2: TLabel;
  CapacityLabel: TLabel;
  LabelCapacity2: TLabel;
  procedure ExitButtonClick(Sender: TObject);
  procedure FormShow(Sender: TObject);
  procedure AddButtonClick(Sender: TObject);
  procedure NameButtonClick(Sender: TObject);
  procedure IndexButtonClick(Sender: TObject);
  procedure DeleteButtonClick(Sender: TObject);
  procedure SaveButtonClick(Sender: TObject);
  procedure ListBox1Click(Sender: TObject);
  procedure Edit1Change(Sender: TObject);
  procedure InsertButtonClick(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;
```

var

Form1: TForm1;

implementation

{SR *.dfm}

```
procedure TForm1.ExitButtonClick(Sender: TObject);
begin
  close;
end;
```

```
procedure TForm1.AddButtonClick(Sender: TObject);
begin
  ListBox1.Items.Add(Edit1.Text);
  listbox1.Items.SaveToFile('cars.txt');
  labelcapacity2.Caption:=inttostr(listbox1.Items.Capacity);
  edit1.Clear;
end;
```

```
procedure TForm1.DeleteButtonClick(Sender: TObject);
var I,k5:integer;
begin
  if messagedlg('Delete Record', mtconfirmation, [mbYes, mbNo],0)=mrYes then
  begin
    I:=0;
    for I := Listbox1.Items.Count - 1 downto 0 do
    begin
      if listbox1.selected[I] then
      begin
        listbox1.Items.Delete(I);
        listbox1.Items.SaveToFile('cars.txt');
        labelcapacity2.Caption:=inttostr(listbox1.Items.Capacity);
        end;
      end;
    end;
  end;
end;
```

```
procedure TForm1.SaveButtonClick(Sender: TObject);
begin
  listbox1.Items.SaveToFile('cars.txt');
end;
```

```
procedure TForm1.InsertButtonClick(Sender: TObject);
var i:integer;
begin
  I:=0;
  for I := Listbox1.Items.Count - 1 downto 0 do
    if listbox1.selected[I] then
    begin
      ListBox1.Items.Insert(i,Edit1.Text);
      listbox1.Items.SaveToFile('cars.txt');
      labelcapacity2.Caption:=inttostr(listbox1.Items.Capacity);
      edit1.Clear;
    end;
  end;
```

```
procedure TForm1.NameButtonClick(Sender: TObject);
begin
  ShowMessage(Listbox1.Items[ListBox1.ItemIndex]);
end;
```

```
procedure TForm1.IndexButtonClick(Sender: TObject);
begin
  ShowMessage(inttostr(ListBox1.ItemIndex));
end;
```

```
procedure TForm1.Edit1Change(Sender: TObject);
begin
  if edit1.text='' then
  begin
    AddButton.Enabled:=false;
    InsertButton.Enabled:=false;
  end
  else
  begin
    AddButton.Enabled:=true;
    InsertButton.Enabled:=true;
  end;
end;
```

```
procedure TForm1.FormShow(Sender: TObject);
begin
  Listbox1.Items.LoadFromFile('cars.txt');
  ListBox1.ItemIndex:=0;
  labelname2.Caption:='';
  labelIndex2.Caption:='';
  labelcapacity2.Caption:=inttostr(listbox1.Items.Capacity);
  edit1.SetFocus;
  AddButton.Enabled:=false;
  InsertButton.Enabled:=false;
end;
```

```
procedure TForm1.ListBox1Click(Sender: TObject);
begin
  labelname2.caption:=Listbox1.Items[ListBox1.ItemIndex];
  labelIndex2.caption:=inttostr(ListBox1.ItemIndex);
end;
```

end.