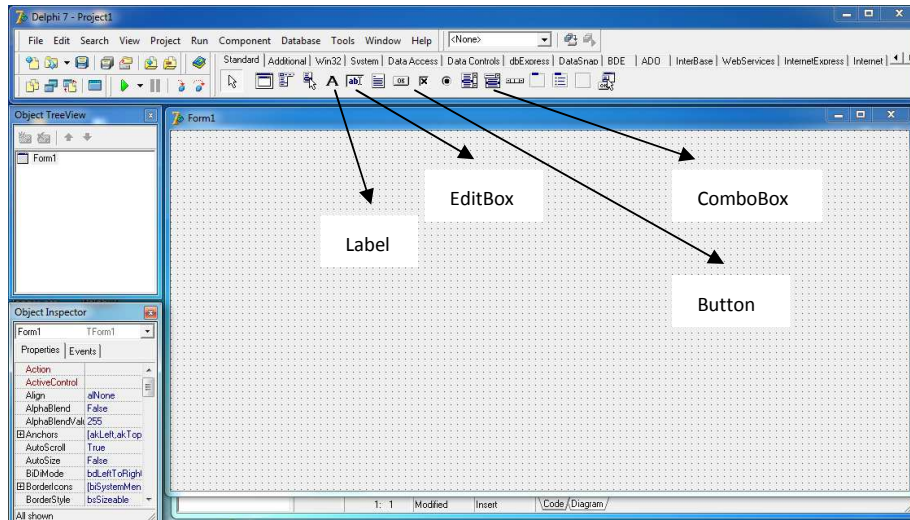# BAB VII

Pembuatan Form, Database dan Tabel Data Customer

1. Membuat form data customer

A. Tambahkan form baru dari project yang telah ada :

B. Dari tampilan diatas - kemudian desainlah form tersebut. yang mana komponennya adalah sebagai berikut :

Object	Property	
	Caption/text	Name
Label1	Kode Customer	Label1
Label2	Nama Customer	Label2
Label3	Telepon	Label3
Label4	Alamat	Label4
Label5	Email	Label5
Edit1	-	ekdcustomer
Edit2	-	enmcustomer
Edit3	-	etlp
Edit4	-	ealamat
Edit5	-	eemail
Button1	&Tambah	btambah
Button2	&Simpan	bsimpan
Button3	&Update	bupdate
Button4	&Batal	bbatal
Button5	&Hapus	bhapus
Button6	&Keluar	bkeluar

Object	Connection	Table Name
ADOTable1	koneksi	tbcustomer
Object	**Data set**	
Data Source1	Table1	
Object	**Data Source**	
DBGrid1	DataSource1	
Object	**Connectionstring**	Nama
ADOConection	Setting jet Ole 4.0 Provider	koneksi

C. Hasil Form setelah didesain seperti gambar dibawah ini

D. Setelah form sudah didesain- kemudian klik **Save** Kemudian tampil seperti gambar dibawah ini :
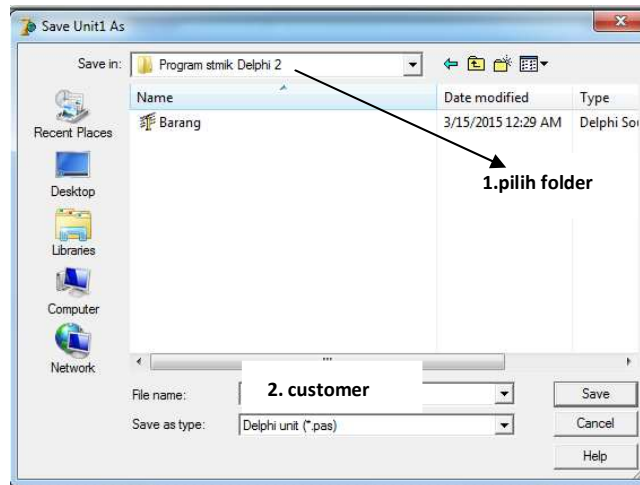
- Dari tampilan diatas tentukan
  . pilih folder yang sudah anda buat
  . File name diberi nama dengan Customer
  . kemudian klik save

2. Membuat Database dengan access

- Buat folder masing2 di dalam program Delphi
- Buka Microsoft access
- Buatlah Database name **dbpersediaan**
- Rubahlah format Microsoft access ke 2000-2003
- Lalu buat nama table dengan nama tbcustomer
- Lalu ok
- Buat Field2 nya sebagai berikut

Fiel Name	Type	size	Key
kdcustomer	text	5	kunci
nmcustomer	text	25	
tlp	text	12	
alamat	text	50	
email	text	35	

- Klik save

Created By Mustar Aman, S.Kom.,M.Kom
STMIK IP , 2015

3. Listing Program untuk form diatas

```
unit fcustomer;

interface

uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, Grids, DBGrids, StdCtrls, DB, ADODB, ExtCtrls;

type
  Tcustomer = class(TForm)
    Label1: TLabel;
    Label8: TLabel;
    Label9: TLabel;
    Label10: TLabel;
    GroupBox1: TGroupBox;
    Label2: TLabel;
    Label3: TLabel;
    Label4: TLabel;
    Label5: TLabel;
    Label7: TLabel;
    ekdcustomer: TEdit;
    enmcustomer: TEdit;
    etlp: TEdit;
    ealamat: TEdit;
    GroupBox2: TGroupBox;
    btambah: TButton;
    bsimpan: TButton;
    bupdate: TButton;
    bbatal: TButton;
    bhapus: TButton;
    bkeluar: TButton;
    eemail: TEdit;
    koneksi: TADOConnection;
    ADOTable1: TADOTable;
    DataSource1: TDataSource;
    DBGrid1: TDBGrid;
    procedure bkeluarClick(Sender: TObject);
    procedure btambahClick(Sender: TObject);
```

```pascal
    procedure FormCreate(Sender: TObject);
    procedure bsimpanClick(Sender: TObject);
    procedure bhapusClick(Sender: TObject);
    procedure bupdateClick(Sender: TObject);
    procedure ekdcustomerKeyPress(Sender: TObject; var Key: Char);
    procedure enmcustomerKeyPress(Sender: TObject; var Key: Char);
    procedure etlpKeyPress(Sender: TObject; var Key: Char);
    procedure ealamatKeyPress(Sender: TObject; var Key: Char);
    procedure bbatalClick(Sender: TObject);
    procedure DBGrid1CellClick(Column: TColumn);

  private
    { Private declarations }
  public

  procedure hidup;
  procedure mati;
  procedure bersih;
    { Public declarations }
  end;

var
  customer: Tcustomer;

implementation

uses MenuUtama;

{$R *.dfm}

procedure Tcustomer.hidup ;
begin
ekdcustomer.Enabled :=true;
enmcustomer.Enabled :=true;
etlp.Enabled :=true;
ealamat.Enabled :=true;
eemail.Enabled :=true;
end;
```

```
procedure Tcustomer.mati;
begin
ekdcustomer.Enabled :=false;
enmcustomer.Enabled :=false;
etlp.Enabled :=false;
ealamat.Enabled :=false;
eemail.Enabled :=false;
end;

procedure Tcustomer.bersih ;
begin
ekdcustomer.Text  :=";
enmcustomer.Text  :=";
etlp.Text :=";
ealamat.Text :=";
eemail.Text :=";
end;

procedure Tcustomer.bkeluarClick(Sender: TObject);
begin
if Application.MessageBox(
'Apakah anda yakin keluar program ? ',
'Keluar Program',36) = 6 then
Close;
end;

procedure Tcustomer.btambahClick(Sender: TObject);
begin
btambah.Enabled:=false;
bsimpan.Enabled:=true;
bupdate.Enabled :=true;
bbatal.Enabled:=true;
bhapus.Enabled:=true;
hidup;
bersih;
ekdcustomer.SetFocus

end;
```

```
procedure Tcustomer.FormCreate(Sender: TObject);
begin
mati;
btambah.Enabled :=true;
bsimpan.Enabled :=false;
bupdate.Enabled :=false;
bbatal.Enabled :=false;
bhapus.Enabled :=false;
dbgrid1.Enabled :=true;

end;

procedure Tcustomer.bsimpanClick(Sender: TObject);
begin
Adotable1.Open;
AdoTable1.Append ;
ADOTable1.FieldByName('kdcustomer').AsString :=ekdcustomer.Text ;
ADOTable1.FieldByName('nmcustomer').AsString :=enmcustomer.Text ;
ADOTable1.FieldByName('tlp').AsString :=etlp.Text ;
ADOTable1.FieldByName('alamat').AsString :=ealamat.Text ;
ADOTable1.FieldByName('email').AsString :=eemail.Text ;
ADOTable1.Post ;
showmessage ('Data Sudah Tersimpan');
bersih;
mati;
btambah.Enabled :=true;
bsimpan.Enabled :=false;
bupdate.Enabled :=false;
bbatal.Enabled :=false;
bhapus.Enabled :=false;
 dbgrid1.Refresh ;
end;
procedure Tcustomer.bhapusClick(Sender: TObject);
begin
showmessage ('Data Akan Dihapus');
koneksi.Execute('delete from tbcustomer where kdcustomer='''+ekdcustomer.Text+'''');
ADOtable1.Requery();
bersih;
btambah.Enabled:=true;
bsimpan.Enabled:=false;
```

```
bupdate.Enabled :=false;
bbatal.Enabled:=false;
bhapus.Enabled :=false;
dbgrid1.Refresh ;
mati;

end;

procedure Tcustomer.bupdateClick(Sender: TObject);
begin
if application.MessageBox('Yakin ubah???','He..he', mb_YesNo +
mb_IconWarning)=IdYes then
adotable1.Edit ;
adotable1['kdcustomer']:=ekdcustomer.Text ;
adotable1['nmcustomer']:=enmcustomer.Text ;
adotable1['tlp']:=etlp.Text ;
adotable1['alamat']:=ealamat.Text;
adotable1['email']:=eemail.Text;

adotable1.Post ;
bersih;
mati;
btambah.Enabled:=true;
bsimpan.Enabled:=false;
bupdate.Enabled :=false;
bbatal.Enabled:=false;
bhapus.Enabled:=false;
end;

procedure Tcustomer.ekdcustomerKeyPress(Sender: TObject; var Key: Char);
begin
if key=#13 then
   enmcustomer.SetFocus;
end;

procedure Tcustomer.enmcustomerKeyPress(Sender: TObject; var Key: Char);
begin
if key=#13 then
etlp.SetFocus
end;
```

```
procedure Tcustomer.etlpKeyPress(Sender: TObject; var Key: Char);
begin
if key=#13 then
ealamat.SetFocus
end;

procedure Tcustomer.ealamatKeyPress(Sender: TObject; var Key: Char);
begin
if key=#13 then
eemail.SetFocus
end;

procedure Tcustomer.bbatalClick(Sender: TObject);
begin
bersih;
mati;
btambah.Enabled:=true;
bsimpan.Enabled:=false;
bupdate.Enabled :=false;
bbatal.Enabled:=false;
bhapus.Enabled:=false;
end;

procedure Tcustomer.DBGrid1CellClick(Column: TColumn);
begin
ekdcustomer.Text:= ADOTable1.FieldByName('kdcustomer').AsString;
enmcustomer.Text:=ADOTable1.FieldByName('nmcustomer').AsString;
etlp.Text:=ADOTable1.FieldByName('tlp').AsString;
ealamat.Text:=ADOTable1.FieldByName('alamat').AsString;
eemail.Text:=ADOTable1.FieldByName('email').AsString ;
end;

end.
```