



# Install zeos componen

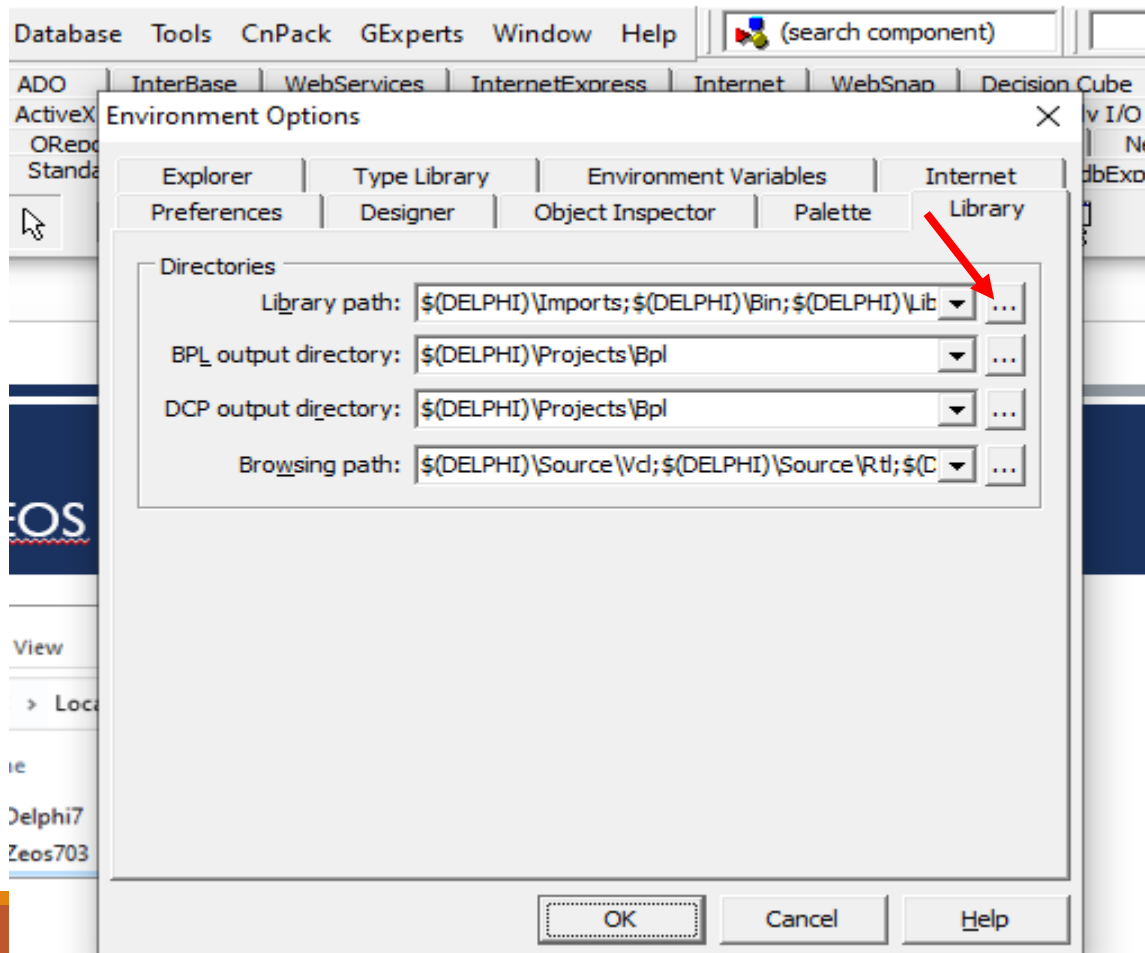
The screenshot shows a Windows File Explorer window with the address bar set to 'This PC > Local Disk (C:) > Program Files (x86) > Borland'. The left sidebar shows 'Quick access' with 'Desktop' and 'Downloads' listed. The main pane shows a list of folders: 'Delphi7' and 'Zeos703'. The 'Zeos703' folder is selected, and its contents are displayed in a table below.

Name	Date modified	Type
doc	20 Okt 2015 11.50	File folder
examples	20 Okt 2015 11.50	File folder
packages	20 Okt 2015 11.50	File folder
src	20 Okt 2015 11.50	File folder
libmysql.dll	26 Des 2013 15.47	Applicat

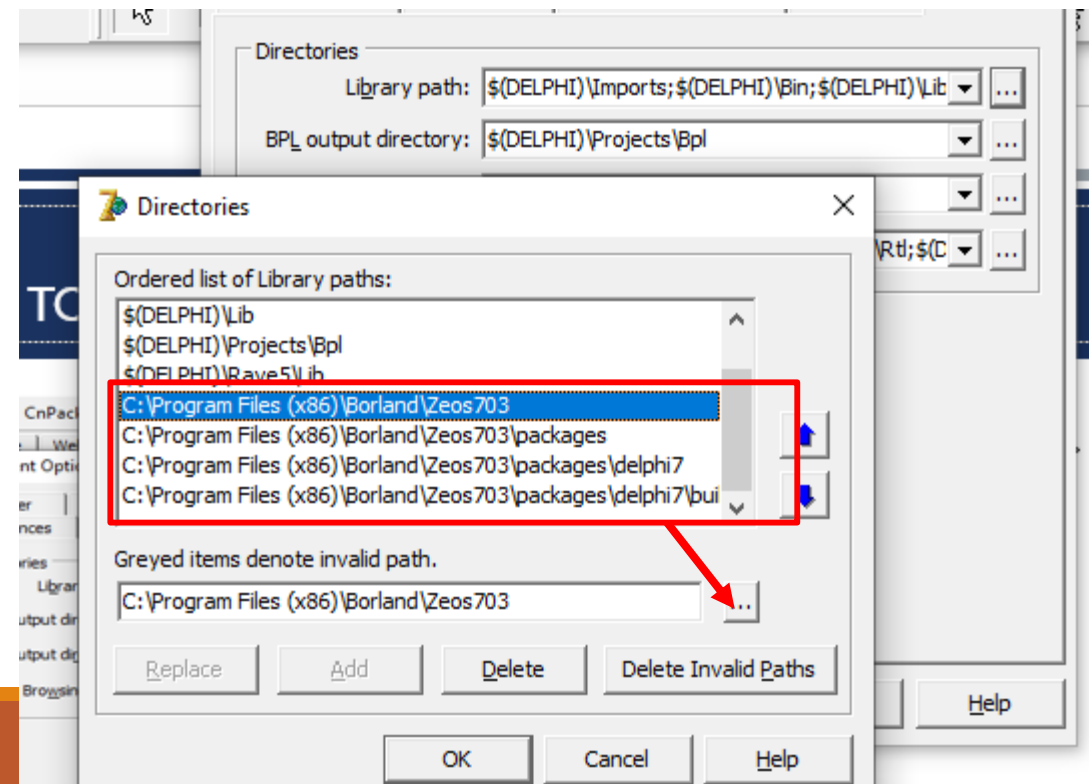
Langkah persiapan

- Download zeos
- Letakan pada folder borland

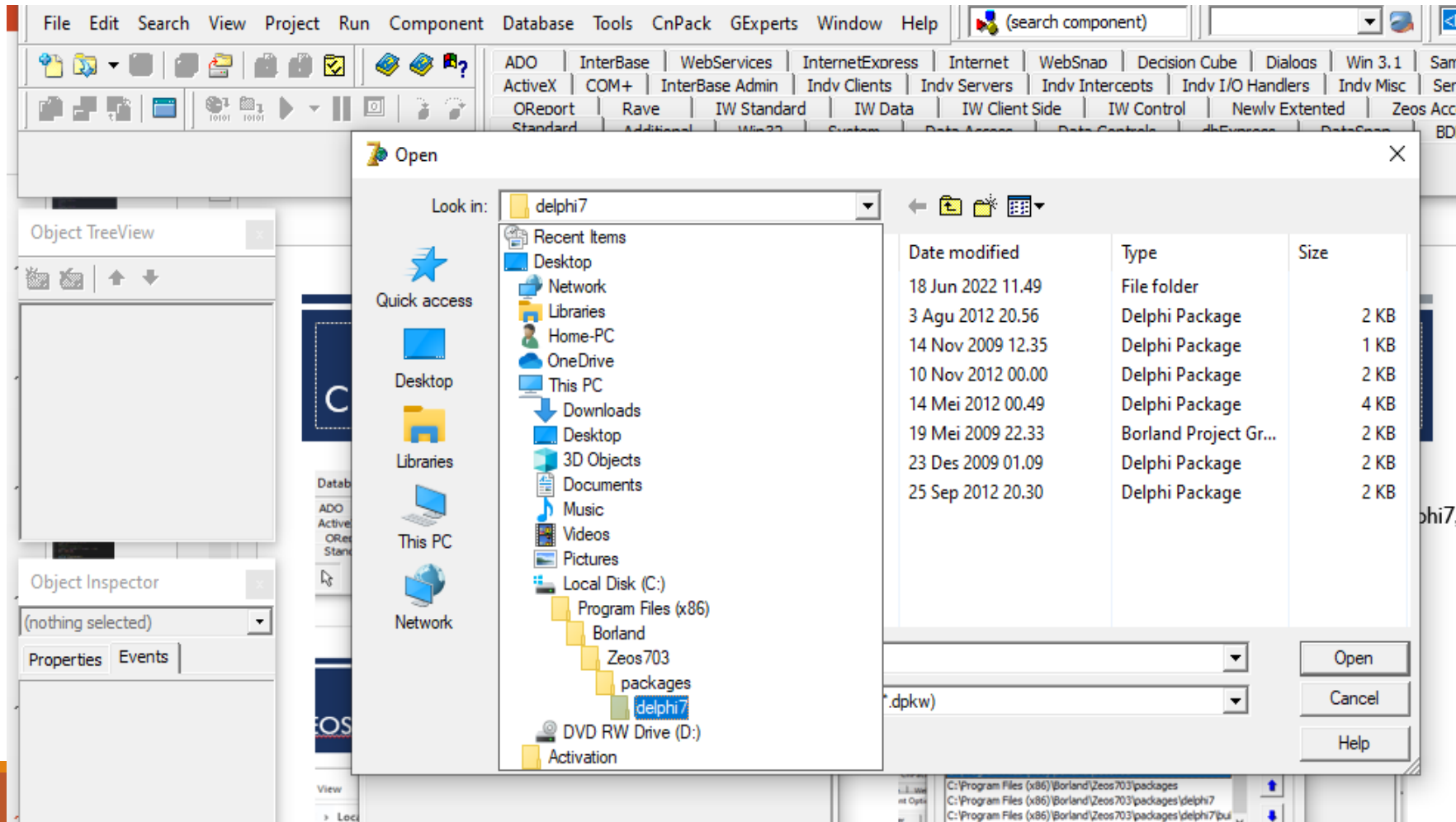
4N NGAJAF



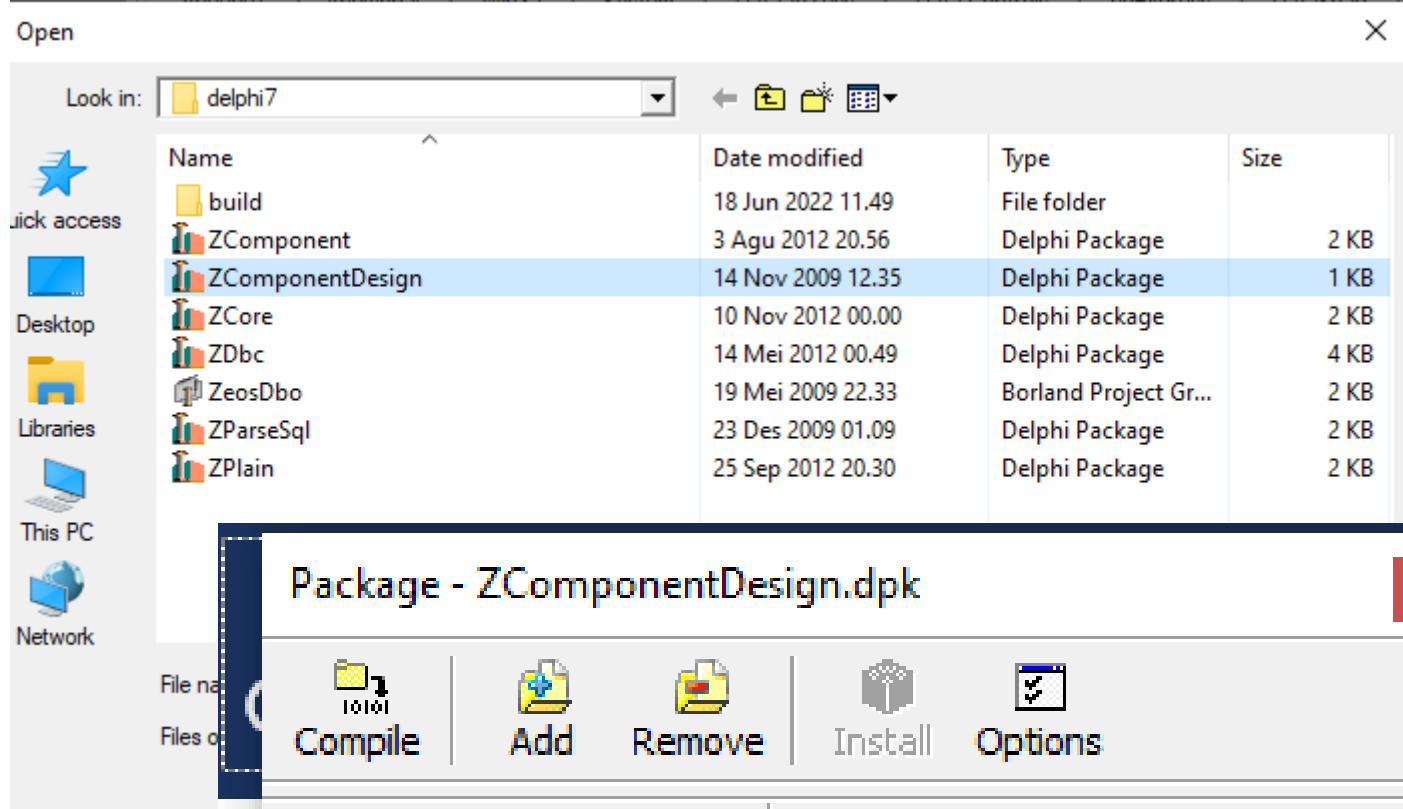
Buka Delphi pilih menu tools => Environment Option  
=>library parh => add 4 baris folder zeos, packages, delphi7,  
buil



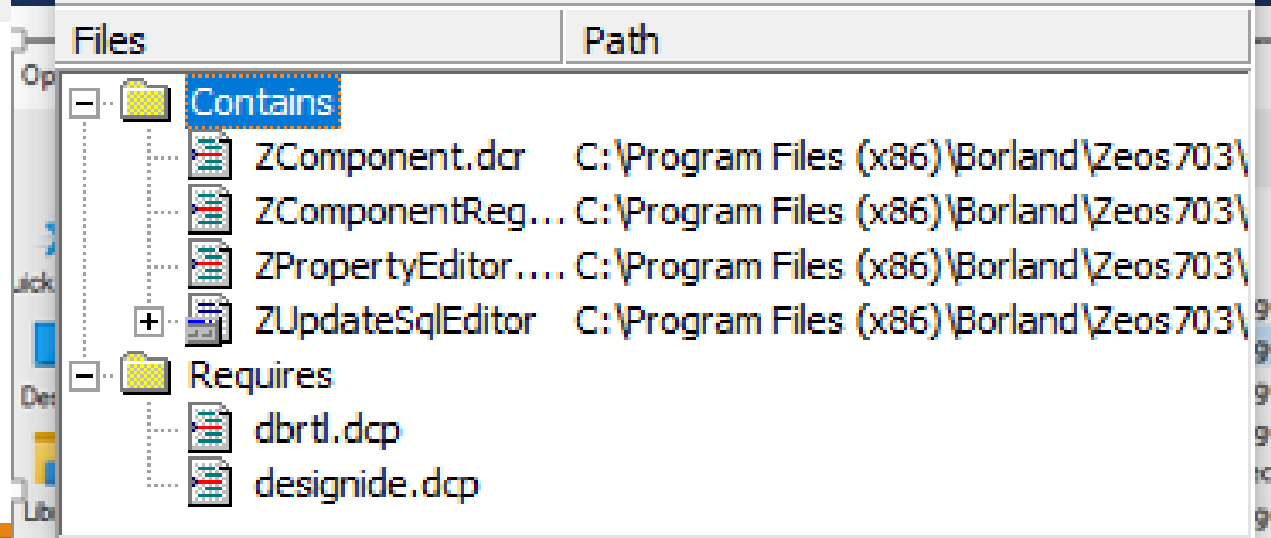
# Open componen

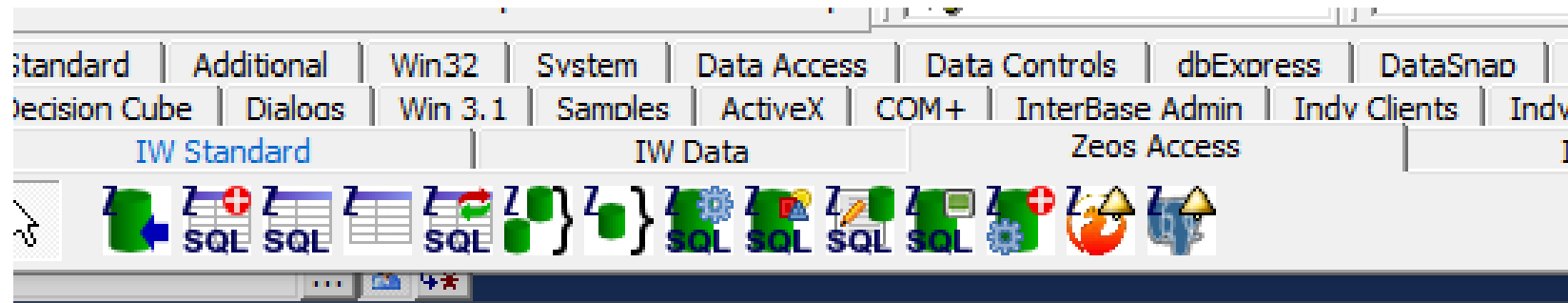


Open file componentDesain  
Yang ada pada folder zeos703 =>  
Packages => delphi7



Klik button install dan tunggu prsesnya





Tampilan ketika komponen zeos telah berhasil diinstall

# Tabel yang digunakan (kustomer)

Host: 127.0.0.1 Database: db\_isp Tabel: kustomer

Dasar Pilihan Indeks (1) Foreign key (0)

Nama: kustomer

Komentar:

Kolom: + Tambah x Hapus ▲ Naik ▼

#	Nama	Tipe data	Par
1	<b>idkustomer</b>	<b>INT</b>	<b>11</b>
2	nmkustomer	VARCHAR	30
3	telp	CHAR	18
4	alamat	VARCHAR	100
5	kota	VARCHAR	50
6	kodepos	CHAR	40

# CREATE TABLE

```
mysql> create table kustomer(idkustomer int(8) primary key auto_increment,nmkustomer char(100),telp char(15),alamat char(100),kota char(60),kodepos char(8));
Query OK, 0 rows affected (0.08 sec)
```

```
mysql> desc kustomer;
```

Field	Type	Null	Key	Default	Extra
idkustomer	int(8)	NO	PRI	NULL	auto_increment
nmkustomer	char(100)	YES		NULL	
telp	char(15)	YES		NULL	
alamat	char(100)	YES		NULL	
kota	char(60)	YES		NULL	
kodepos	char(8)	YES		NULL	

6 rows in set (0.00 sec)

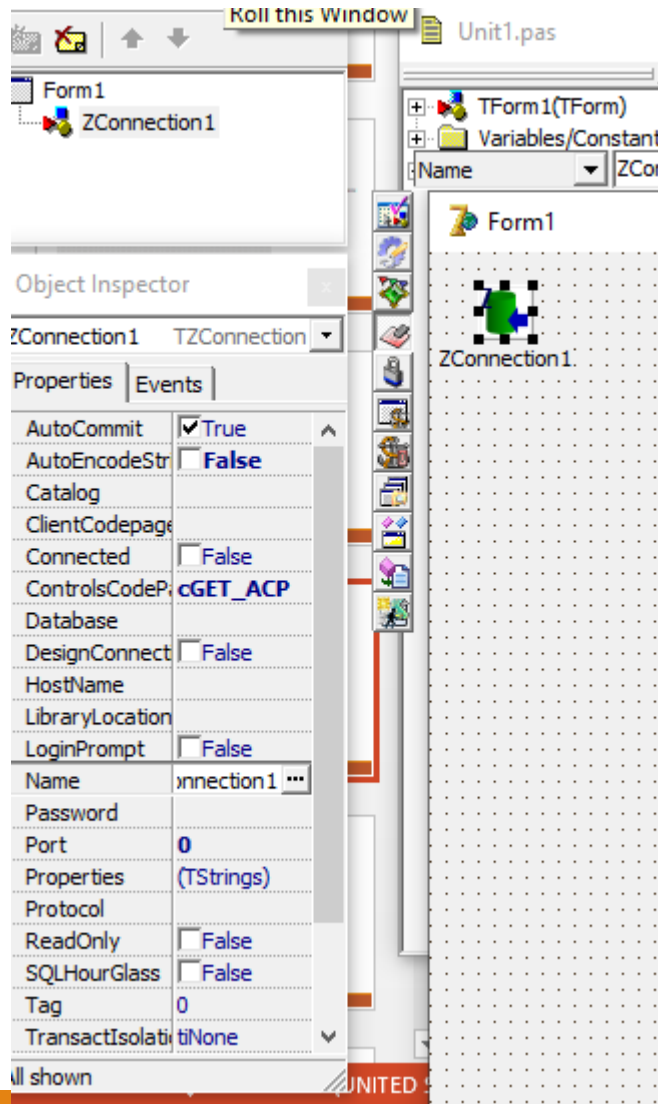


# INSERT DATA

```
mysql> insert into kustomer values(1,'RAHMAN','083123242','BANJARMASIN','BANJARMASIN','70123');  
Query OK, 1 row affected (0.02 sec)
```

```
mysql> insert into kustomer values(null,'RAHMAH,S.KOM','09313242','BANJARMASIN','BANJARMASIN','70123'),(null,'RAIHAN','0428482892','BANJARMASIN','BANJARMASIN','70231');  
Query OK, 2 rows affected (0.02 sec)  
Records: 2  Duplicates: 0  Warnings: 0
```

# Lakukan testing komponen



Clipboard Organize New Open				
This PC > Videos > 2023 > BAHAN NGAJAR > Koneksi				
Name	Date	Type	Size	
libmysql.dll	26 Des 2013 15.47	Application exten...	1.484 KB	
Project1	15 Mei 2023 12.38	Configuration Sou...	1 KB	
Project1.dof	15 Mei 2023 12.38	DOF File	2 KB	
Project1	15 Mei 2023 12.38	Delphi Project	1 KB	
Project1.res	15 Mei 2023 12.19	RES File	1 KB	
Unit1	15 Mei 2023 12.38	Delphi Form	1 KB	
Unit1	15 Mei 2023 12.38	Delphi Source File	1 KB	

Lakukan pengaturan di properties komponen ZConnection

1. Database = databasename (Diketik)
2. HostName = localhost (Diketik)
3. LibraryLocation = ../libmysql.dll (Dipilih)
4. Port = 3306 (Diketik)
5. Protocol = mysql (Dipilih)
6. User = root (Diketik)
7. Connected = True (Dipilih)

### Zquery (ZQuery1)

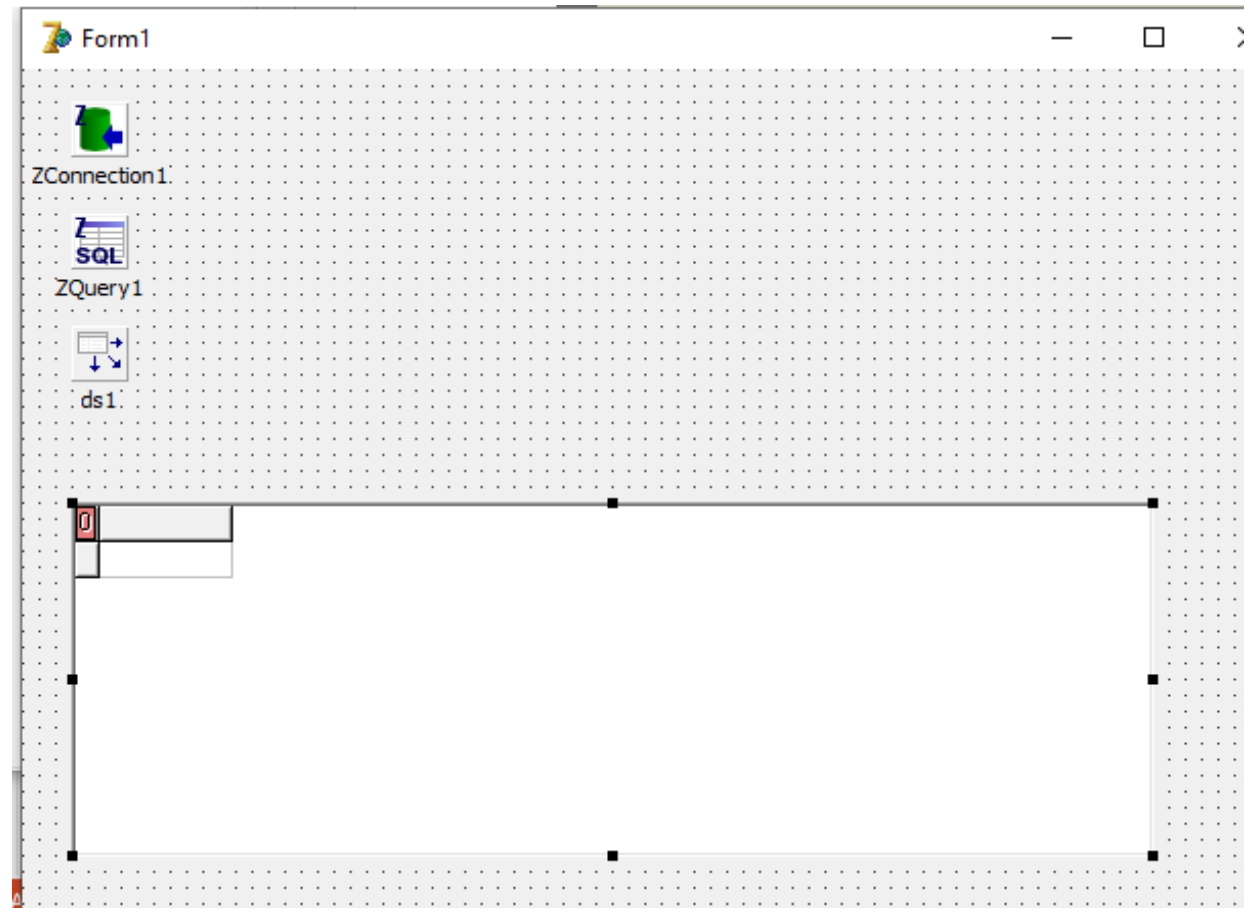
1. Connection = ZConnection1
2. SQL = select \* from kustomer
3. Active = True

### Datasource (ds1)

1. Dataset = ZQuery1

### DBGrid

1. Datasource = ds1



The screenshot shows a Visual Basic IDE window titled 'Form1'. The main area contains a data grid with the following data:

idkustomer	nmkustomer	telp	alamat
1	Abdullah	08731717371	Banjarmasin
2	HIKMAH	0983127127	BANJARMASIN

The IDE window also shows a 'Color' menu, a 'Window' menu, and a 'Help' menu. The form itself has a title bar with 'Form1' and standard Windows window controls (minimize, maximize, close). The form's client area is mostly empty, with a few small icons and labels like 'ZConnection1', 'ZQuery1', and 'ds1' visible on the left side.

Form1

Nama Kustomer:

Telepon:

Alamat:

Kota:

Kode Pos:

nmkustomer	telp	alamat
Abdullah	08731717371	Banjarmasin
HIKMAH	0983127127	BANJARMASIN

ZConnection1

ZQuery1

ds1

Buat Tampilan seperti berikut

# Baru

---

```
edt1.Clear;  
edt2.Clear;  
edt3.Clear;  
edt4.Clear;  
edt5.Clear;
```

# Simpan

---

```
ZQuery1.SQL.Clear;  
ZQuery1.SQL.Add('insert into kustomer values(null,'" + edt1.Text + "','" + edt2.Text + "','" + edt3.Text + "','" + edt4.Text + "','" + edt5.Text + "')');  
ZQuery1.ExecSQL ;
```

```
ZQuery1.SQL.Clear;  
ZQuery1.SQL.Add('select * from kustomer');  
ZQuery1.Open;
```

# dbgrid

---

```
procedure TForm1.dbgrd1CellClick(Column: TColumn);  
begin  
edt1.Text:= ZQuery1.FieldList[1].AsString;  
end;
```



# Edit / Update

---

```
update kustomer set nmkustomer ='TEGUS,S.KOM',telp ='01234567' where idkustomer=14;
```

```
ZQuery1.SQL.Clear;
```

```
ZQuery1.SQL.Add('Update customer set nama_customer =""+edit1.text+"",telp = ""+edit2.text+" where id= 1');
```

```
ZQuery1. ExecSQL;
```

```
ZQuery1.SQL.Clear;
```

```
ZQuery1.SQL.Add('select * from kustomer');
```

```
ZQuery1.Open;
```

# Hapus

---

```
ZQuery1.SQL.Clear;  
ZQuery1.SQL.Add(' delete from kustomer where idkustomer= 3');  
ZQuery1. ExecSQL;
```

```
ZQuery1.SQL.Clear;  
ZQuery1.SQL.Add('select * from kustomer');  
ZQuery1.Open;
```

# Batal

---

```
edt1.Clear;  
edt2.Clear;  
edt3.Clear;  
edt4.Clear;  
edt5.Clear;
```