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1. Source Code procedure yang dibuat

```
49  
50 procedure manipulasi();  
51 begin  
52     Form1.zqry1.FieldValues['id_penerbit'] := Form1.edtId.Text;  
53     Form1.zqry1.FieldValues['nama_penerbit'] := Form1.editNama.Text;  
54 end;  
55  
56 procedure tambahDat();  
57 begin  
58     Form1.zqry1.Append();  
59     manipulasi();  
60     Form1.zqry1.Post();  
61 end;  
62  
63 procedure RubahDat();  
64 begin  
65     Form1.zqry1.Edit();  
66     manipulasi();  
67     Form1.zqry1.Post();  
68 end;  
69
```

Tombol Kembali

```
72 procedure TForm1.btnKembaliClick(Sender: TObject);  
73 begin  
74     Form1.Close();  
75 end;
```

2. Tombol Tambah

Form1

Kembali

ID Penerbit: P04

Nama Penerbit:

Cari: Cari

id_penerbit	nama_penerbit
P01	Erlangga
P02	Sidu
P03	Sahabat

Tambah Rubah Simpan Hapus

Batal

```

77 procedure TForm1.btnTambahClick(Sender: TObject);
78 var
79     noUrut : Integer;
80 begin
81     status := 'tambah';
82     zqryl.Last;
83
84     if zqryl.IsEmpty then
85         edtId.Text := 'P01'
86     else
87         begin
88             noUrut := strToInt(RightStr(zqryl.FieldValues['id_penerbit'], 2)) + 1;
89             if noUrut < 10 then
90                 edtId.Text := 'P0' + IntToStr(noUrut)
91             else
92                 edtId.Text := 'P' + IntToStr(noUrut);
93         end;
94
95     editNama.Enabled := True;
96     editNama.Clear;
97     btnSimpan.Enabled := True;
98     btnTambah.Enabled := False;
99 end;

```

3. Tombol Simpan

The screenshot shows a Windows application window titled 'Form1'. It has a 'Kembali' button at the top left. Below it, there are two text input fields: 'ID Penerbit' with the value 'P04' and 'Nama Penerbit' with the value 'Erlangga'. Below these fields are five buttons: 'Tambah', 'Rubah', 'Simpan', 'Hapus', and 'Batal'. To the right of these fields is a search section with a 'Cari' label, a text input field, and a 'Cari' button. Below the search section is a data grid with two columns: 'id_penerbit' and 'nama_penerbit'. The grid contains four rows of data: P01 Erlangga, P02 Sidu, P03 Sahabat, and P04 Erlangga. The 'P04 Erlangga' row is selected. An 'Information' dialog box is open in the foreground, displaying a blue information icon and the text 'Data ditambah', with an 'OK' button.

```

118 procedure TForm1.btnSimpanClick(Sender: TObject);
119 begin
120     if status = 'tambah' then
121         tambahDat ()
122     else
123         rubahDat ();
124
125     MessageDlg('Data di' + status, mtInformation, [mbOK], 0);
126     btnBatalClick(Sender);
127 end;

```

4. DBgrid onCellClick EVENT

Form1

Kembali

ID Penerbit: P04

Nama Penerbit: Erlangga

Tambah Rubah Simpan Hapus Batal

Cari: Cari

id_penerbit	nama_penerbit
P01	Erlangga
P02	Sidu
P03	Sahabat
P04	Erlangga

```

156 procedure TForm1.dbgrd1CellClick(Column: TColumn);
157 begin
158     edtId.Text := zqry1.FieldValues['id_penerbit'];
159     editNama.Text := zqry1.FieldValues['nama_penerbit'];
160
161     btnTambah.Enabled := True;
162     btnRubah.Enabled := True;
163     btnHapus.Enabled := True;
164     btnSimpan.Enabled := False;
165 end;
166

```

5. Tombol Rubah

Form1

Kembali

ID Penerbit: P04

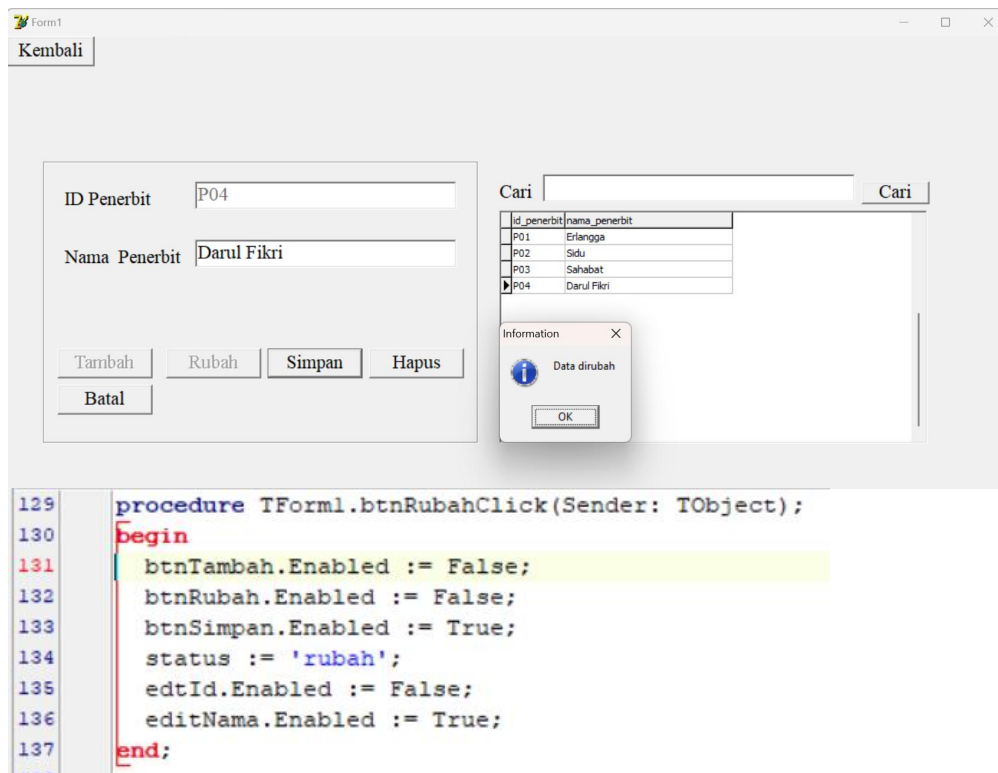
Nama Penerbit: Erlangga

Tambah Rubah Simpan Hapus Batal

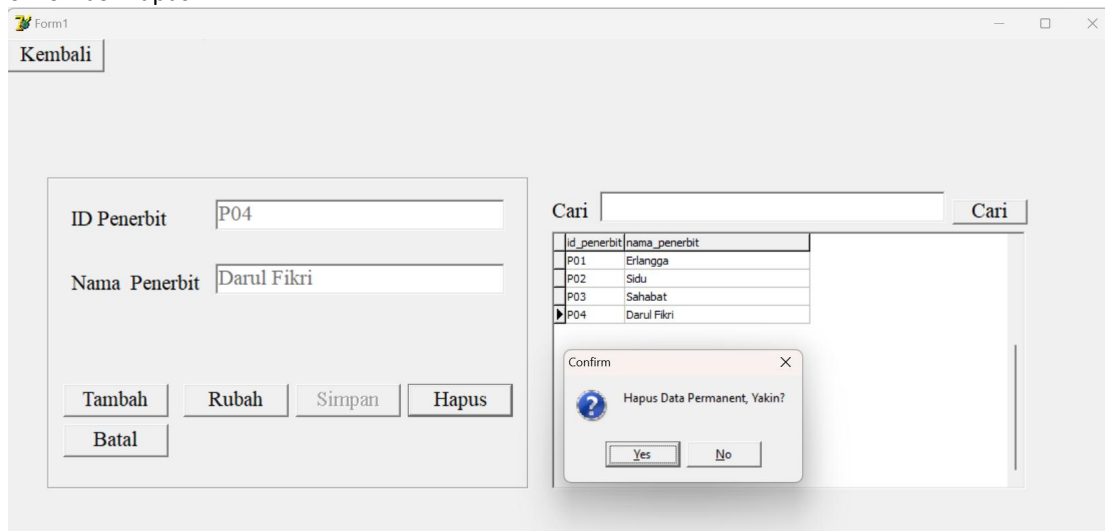
Cari: Cari

id_penerbit	nama_penerbit
P01	Erlangga
P02	Sidu
P03	Sahabat
P04	Erlangga

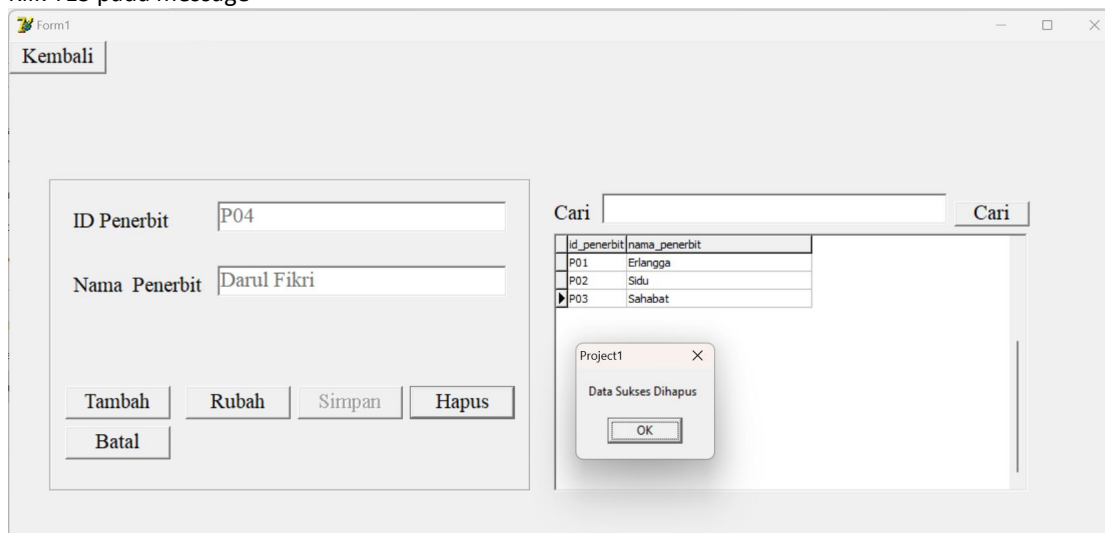
simpan



6. Tombol Hapus



Klik YES pada message



```

139 procedure TForm1.btnHapusClick(Sender: TObject);
140 begin
141     if (messageDlg('Hapus Data Permanent, Yakin?', mtConfirmation, [mbNo, mbYes], 0) = mrYes) then
142     begin
143         zqry1.Delete;
144         ShowMessage('Data Sukses Dihapus');
145         btnBatalClick(Sender);
146     end;
147 end;
148

```

7. Tombol Cari

Form1

Kembali

ID Penerbit

Nama Penerbit

Tambah Rubah Simpan Hapus

Batal

Cari

id_penerbit	nama_penerbit
P02	Sidu

```

101 procedure TForm1.btnBatalClick(Sender: TObject);
102 begin
103     btnSimpan.Enabled := False;
104     btnRubah.Enabled := False;
105     btnHapus.Enabled := False;
106     btnTambah.Enabled := True;
107
108     edtID.Enabled := False;
109     editNama.Enabled := False;
110     edtId.Clear;
111     editNama.Clear;
112
113     zqry1.Active:= False;
114     zqry1.SQL.Text := 'SELECT * FROM tb_penerbit ORDER BY id_penerbit';
115     zqry1.Active := True;
116 end;

```