

PANDUAN

Gunakan seteliti mungkin untuk mengecek kemungkinan kesalahan pada pembuatan program rental vcd serta penyelesaian akhir pembuatan startup program tersebut.

1. Cek kembali field-field dan typenya sekali lagi pada design tabel yang anda buat dengan gambar-gambar dibawah ini.

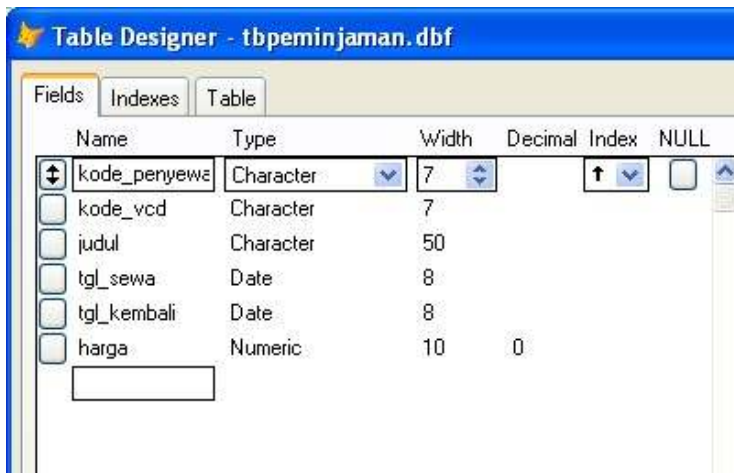


Table Designer - tbpeminjaman.dbf

Name	Type	Width	Decimal	Index	NULL
<input checked="" type="checkbox"/> kode_penyewa	Character	7		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> kode_vcd	Character	7			
<input type="checkbox"/> judul	Character	50			
<input type="checkbox"/> tgl_sewa	Date	8			
<input type="checkbox"/> tgl_kembali	Date	8			
<input type="checkbox"/> harga	Numeric	10	0		

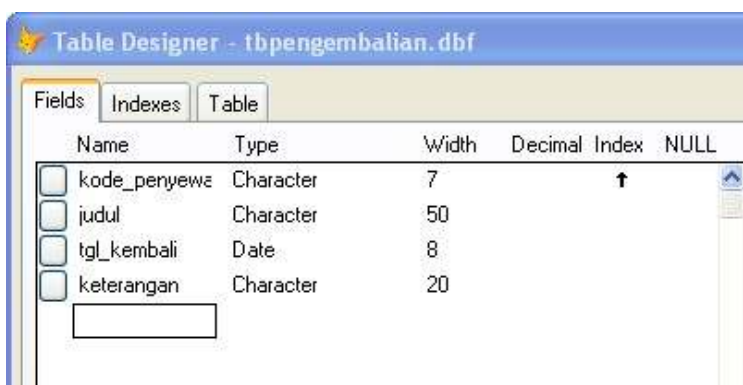


Table Designer - tbpengembalian.dbf

Name	Type	Width	Decimal	Index	NULL
<input type="checkbox"/> kode_penyewa	Character	7		<input checked="" type="checkbox"/>	
<input type="checkbox"/> judul	Character	50			
<input type="checkbox"/> tgl_kembali	Date	8			
<input type="checkbox"/> keterangan	Character	20			

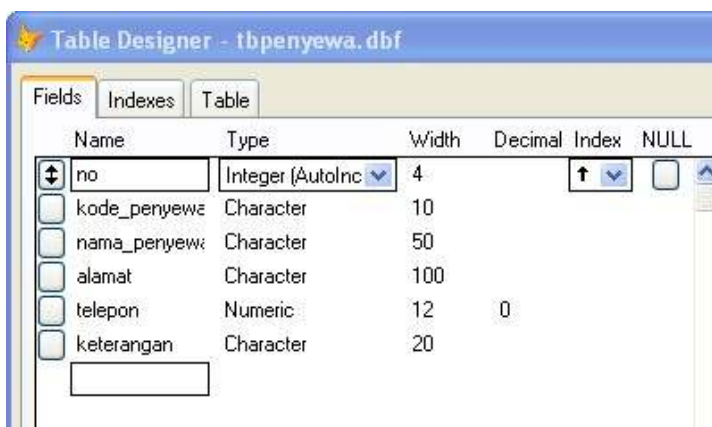


Table Designer - tbpenyewa.dbf

Name	Type	Width	Decimal	Index	NULL
<input checked="" type="checkbox"/> no	Integer (AutoInc)	4		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> kode_penyewa	Character	10			
<input type="checkbox"/> nama_penyewa	Character	50			
<input type="checkbox"/> alamat	Character	100			
<input type="checkbox"/> telepon	Numeric	12	0		
<input type="checkbox"/> keterangan	Character	20			

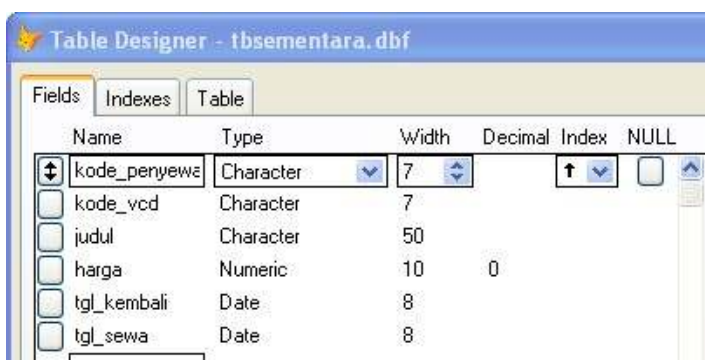


Table Designer - tbsementara.dbf

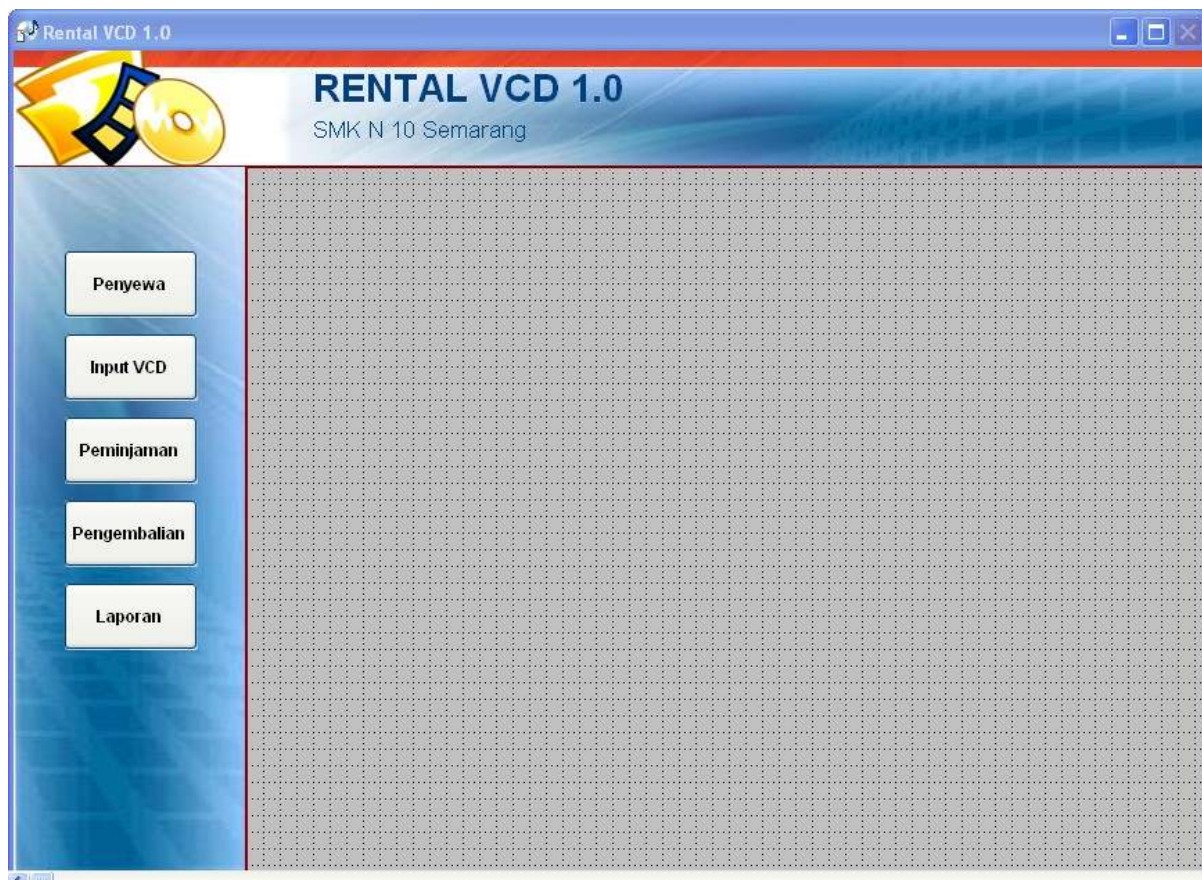
Name	Type	Width	Decimal	Index	NULL
<input checked="" type="checkbox"/> kode_penyewa	Character	7		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> kode_vcd	Character	7			
<input type="checkbox"/> judul	Character	50			
<input type="checkbox"/> harga	Numeric	10	0		
<input type="checkbox"/> tgl_kembali	Date	8			
<input type="checkbox"/> tgl_sewa	Date	8			

Table Designer - tbvcd.dbf

Fields Indexes Table

Name	Type	Width	Decimal	Index	NULL
<input checked="" type="checkbox"/> kode_vcd	Character	7		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> judul	Character	50		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> harga_sewa	Numeric	10	0	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> status	Character	10		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>

2. Cek properties, kode-kode dan tampilan dari form utama



Properties – utama.scx

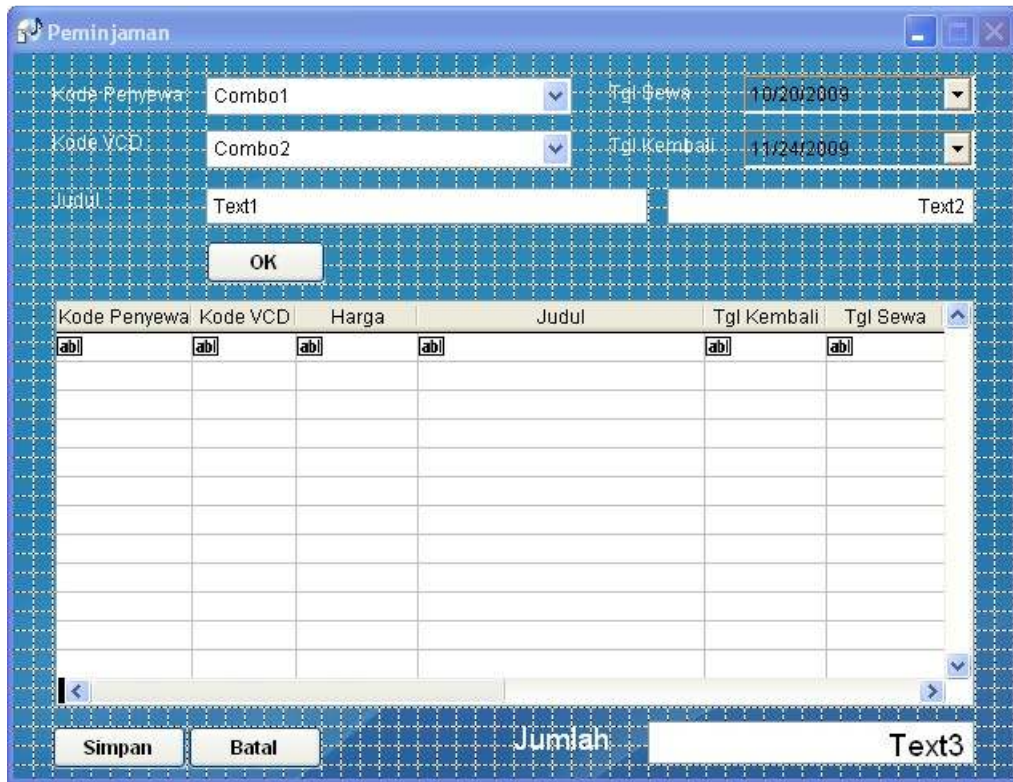
AlwaysOnTop : .T. – True
 AutoCenter : .T. – True
 BackColor : 192,192,192
 Caption : Rental VCD 1.0
 Height : 600
 Icon : (dari folder kerja Prog. Rental VCD anda)
 Name : Form1
 ShowWindow : 2 – As Top-Level Form
 Width : 860
 WindowState : 0 – Normal

Kode-kode untuk command button di form **utama**

- Command1 ; Procedure: Click
DO FORM "formpenyewa.scx"
- Command2
DO FORM "formvcd.scx"
- Command3
DO FORM "formpeminjaman.scx"
- Command4
DO FORM "formpengembalian.scx"

- Command5
DO FORM "cetak_laporan.scx"

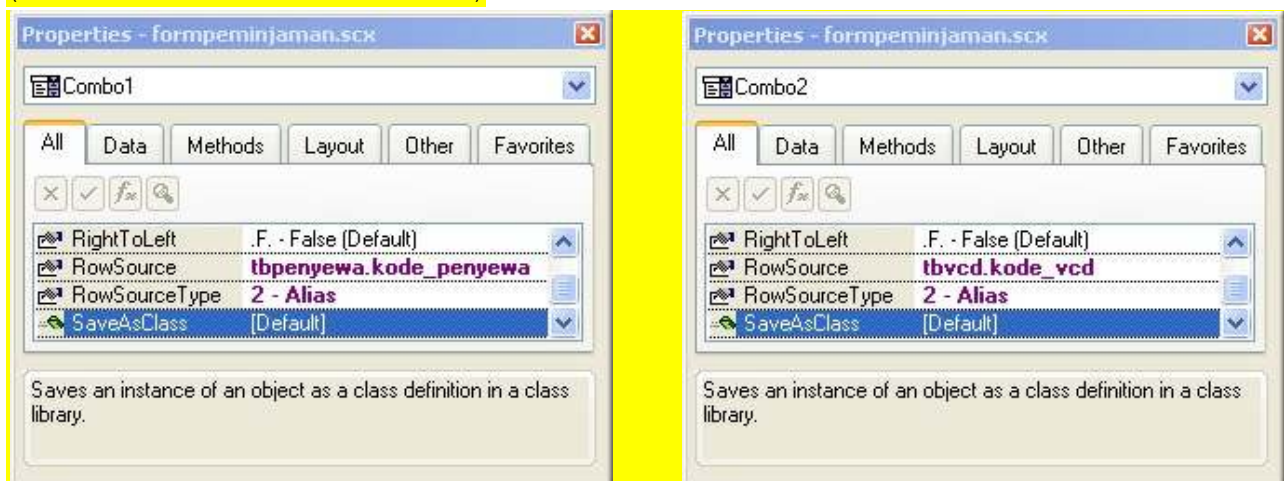
3. Cek properties, kode-kode dan tampilan dari **formpeminjaman**



Properties – formpeminjaman.scx

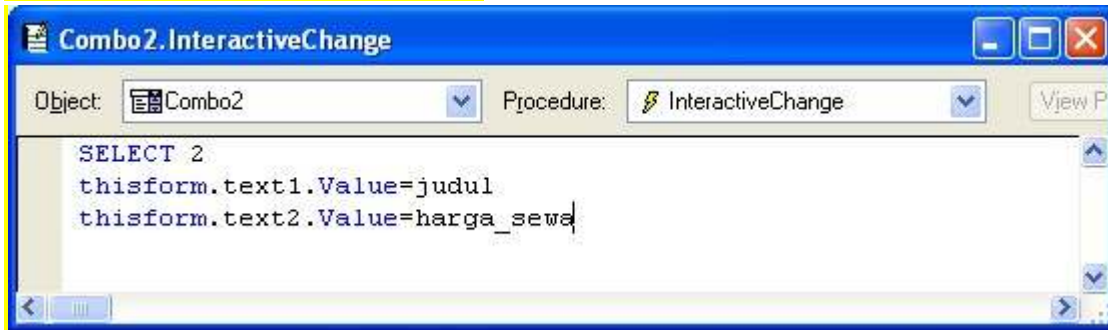
AlwaysOnTop : .T. – True
 Caption : Peminjaman
 Height : 453
 Icon : (dari folder kerja Prog. Rental VCD anda)
 Left : 200
 Name : Form1
 MaxButton : .F. – False
 MaxHeight : 453
 MaxWidth : 625
 Picture : (dari folder kerja Prog. Rental VCD anda)
 ShowWindow : 1 – In Top-Level Form
 Top : 102
 Width : 625

(addition on 29 November 2009)

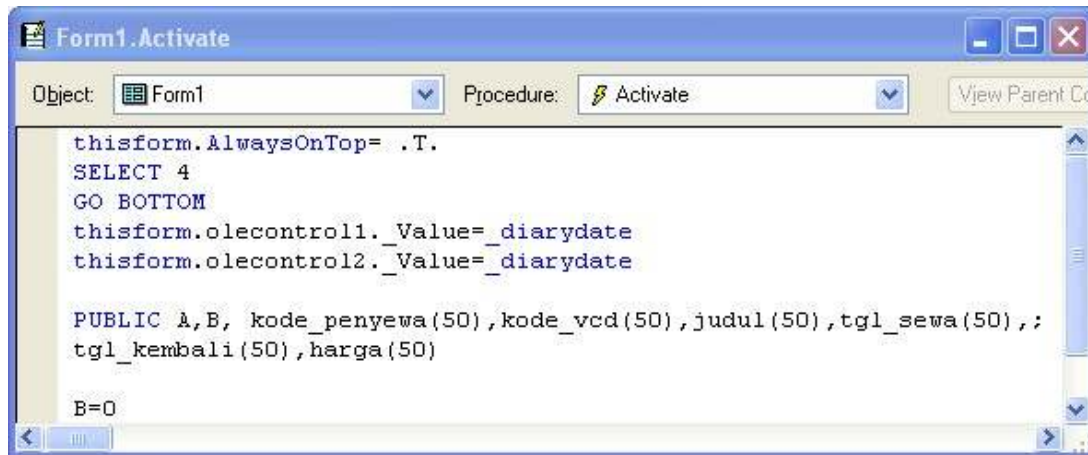


Cek Kode-kode di *formpeminjaman* dengan gambar-gambar kode berikut ini:

(addition on 29 November 2009)



```
SELECT 2
thisform.text1.Value=judul
thisform.text2.Value=harga_sewa
```



```
thisform.AlwaysOnTop= .T.
SELECT 4
GO BOTTOM
thisform.olecontrol1._Value=_diarydate
thisform.olecontrol2._Value=_diarydate

PUBLIC A,B, kode_penyewa(50),kode_vcd(50),judul(50),tgl_sewa(50),;
tgl_kembali(50),harga(50)

B=0
```



```
DELETE
thisform.grdTbsementara.Refresh()
```



```
CLOSE TABLES ALL
SET DELETED ON
SET EXCLUSIVE OFF

SELECT 1
USE tbpenyewa
SET ORDER TO NO && NO

SELECT 2
USE tbvcd
SET ORDER TO KODE_VCD && KODE_VCD

SELECT 3
USE tbsementara
SET ORDER TO KODE_PENYE && KODE_PENYEWA

SELECT 4
USE tbpeminjaman
SET ORDER TO KODE_PENYE && KODE_PENYEWA
```

```
Form1.cetak
Object: Form1 Procedure: cetak View P
thisform.AlwaysOnTop= .F.
GO BOTTOM
SET FILTER TO kode_penyewa = thisform.combo1.Value
REPORT FORM nota TO PRINTER prompt
thisform.Release()
```

```
Form1.hapus_record
Object: Form1 Procedure: hapus_record View P
SELECT 3
DELETE
thisform.grdTbsementara.Refresh()
```

```
Command1.Click
Object: Command1 Procedure: Click View Parent Code
SELECT 3
APPEND BLANK
replace kode_penyewa WITH thisform.combo1.Value
replace kode_vcd WITH thisform.combo2.Value
replace judul WITH thisform.text1.Value
replace harga WITH thisform.text2.Value
replace tgl_sewa WITH CTOD(LEFT(TTOC(thisform.olecontrol1._Value),8))
replace tgl_kembali WITH CTOD(LEFT(TTOC(thisform.olecontrol2._Value),8))
thisform.combo1.SetFocus
thisform.grdTbsementara.Refresh()

B=B+1
thisform.text1.Value=""
thisform.text2.Value=""
thisform.combo2.Value=""
thisform.text3.Value=thisform.text3.Value + harga
```

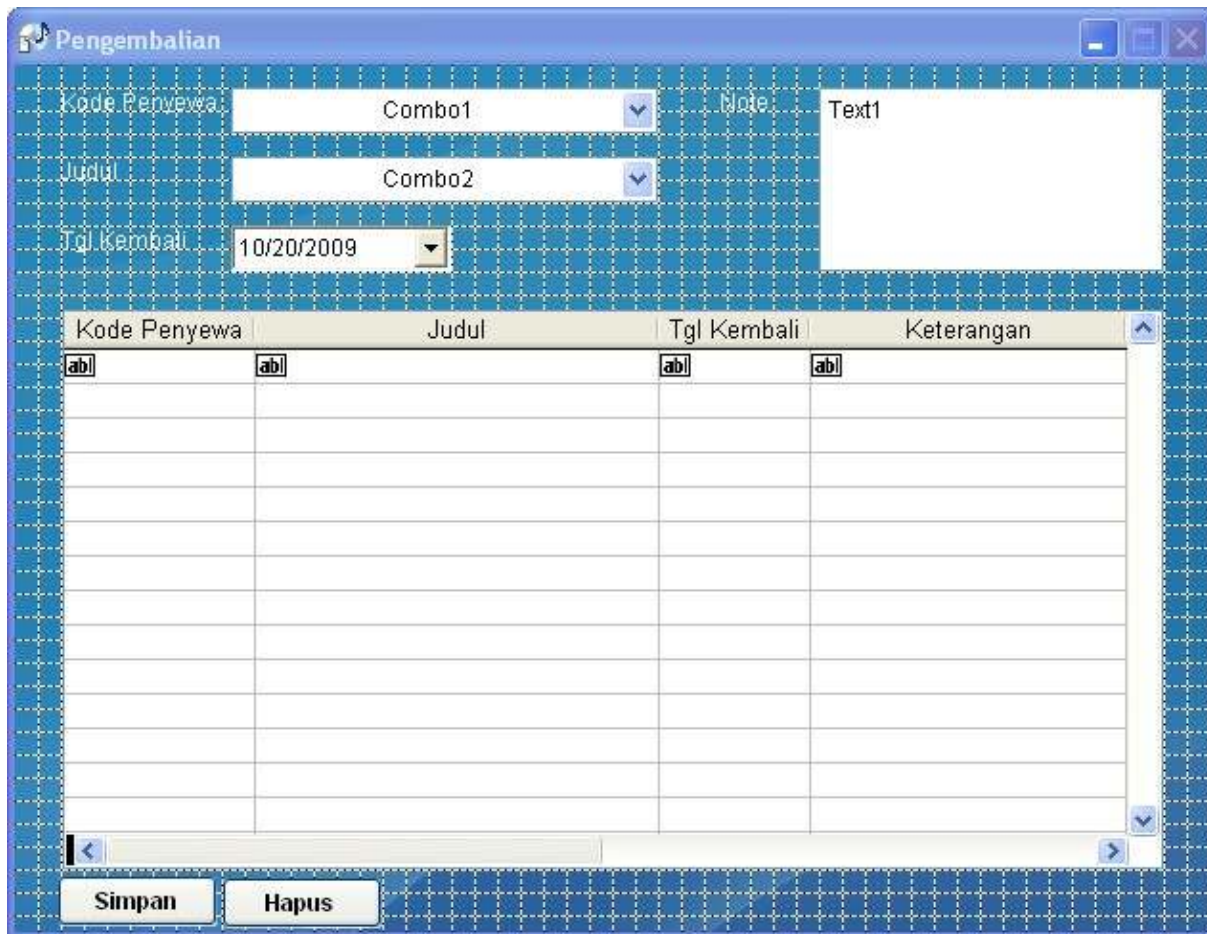
```
SELECT 3
GO TOP
FOR i = 1 TO B
    kode_penyewa(i)=kode_penyewa
    kode_vcd (i)=kode_vcd
    judul(i)=judul
    tgl_sewa (i)=tgl_sewa
    tgl_kembali (i)=tgl_kembali
    harga(i)=harga
SKIP 1

NEXT i
SELECT 4
FOR i = 1 TO B
APPEND BLANK
replace kode_penyewa WITH kode_penyewa(i)
replace kode_vcd WITH kode_vcd(i)
replace judul WITH judul(i)
replace tgl_sewa WITH tgl_sewa(i)
replace tgl_kembali WITH tgl_kembali(i)
replace harga WITH harga(i)
thisform.grdTbsementara.Refresh()
ENDFOR i

B=0
thisform.hapus_record
thisform.text3.Value=0
thisform.cetak
thisform.Refresh()
thisform.Release
```

```
SELECT 3
DELETE
thisform.grdTbsementara.Refresh
```

4. Cek properties, kode-kode dan tampilan dari *formpengembalian*

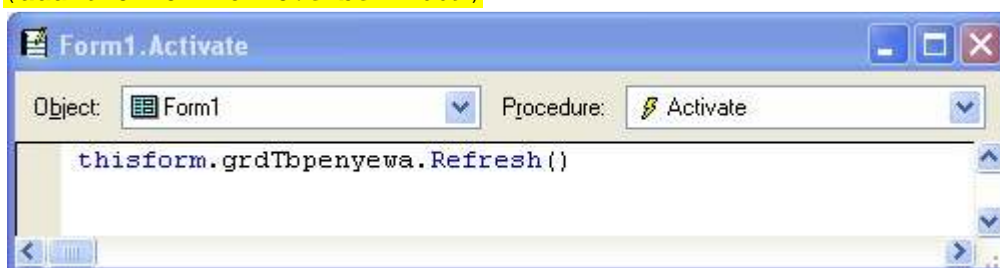


Note: Properties form pengembalian = properties form peminjaman.

(addition on 29 November 2009)



(addition on 28 November 2009)



```
Form1.Load
Object: Form1
Procedure: Load

CLOSE TABLES ALL
SET DELETED ON
SET EXCLUSIVE OFF

SELECT 1
USE tbpeminjaman
SET ORDER TO tag KODE_PENYE  && KODE_PENYEWA

SELECT 2
USE tbpengembalian
SET ORDER TO tag KODE_PENYE  && KODE_PENYEWA
```

```
Command1.Click
Object: Command1
Procedure: Click
View Parent Code

SELECT 2
IF EMPTY(thisform.combo1.Value) OR ;
    EMPTY(thisform.combo2.Value) THEN
    MESSAGEBOX("Data tidak boleh kosong",48+0,"Perhatian")
ELSE
    APPEND BLANK
    replace kode_penyewa WITH thisform.combo1.Value
    replace judul WITH thisform.combo2.Value
    replace tgl_kembali WITH CTOD(LEFT(TOC(thisform.olecontrol1._Value),6))
    replace keterangan WITH thisform.text1.Value
    thisform.combo1.SetFocus()
    thisform.grdTbpengembalian.Refresh()
ENDIF

thisform.combo1.Value=""
thisform.combo2.Value=""
thisform.text1.Value=""
```

```
Command2.Click
Object: Command2
Procedure: Click

SELECT 2
DELETE
thisform.grdTbpengembalian.Refresh()
```

5. Cek properties, kode-kode dan tampilan dari *formpenyewa*

The screenshot shows a Windows form titled "Penyewa" with a blue background. It contains five text boxes for data entry: "Kode Penyewa" (Text1), "Nama Penyewa" (Text2), "Alamat" (Text3), "Telepon" (Text4), and "Keterangan" (Text5). Below these is a data grid with columns: "No", "Kode Penyewa", "Nama", "Alamat", "Telepon", and "Keterangan". The grid has a header row and several empty rows below. At the bottom, there is a "Hapus" button and a group box containing "Edit Unactive" (selected) and "Edit Active" radio buttons.

Note: Properties form pengembalian = properties form peminjaman.

The screenshot shows the Visual Studio code editor for the "Form1.Activate" procedure. The "Object" dropdown is set to "Form1" and the "Procedure" dropdown is set to "Activate". The code in the editor is:

```
thisform.grdTbpenyewa.Refresh()
```

The screenshot shows the Visual Studio code editor for the "Form1.Load" procedure. The "Object" dropdown is set to "Form1" and the "Procedure" dropdown is set to "Load". The code in the editor is:

```
CLOSE TABLES ALL  
SET DELETED ON  
SET EXCLUSIVE OFF  
  
USE tbpenyewa  
SET ORDER TO NO && NO
```

```
Form1.simpan
Object: Form1 Procedure: simpan View Parent Co
IF EMPTY(thisform.text1.Value) THEN
    pesan=MESSAGEBOX("Kode Penyewa harus diisi",48+0,"Perhatian")
ELSE
    IF EMPTY(thisform.text2.Value) THEN
        pesan=MESSAGEBOX("Nama harus diisi",48+0,"Perhatian")
    ENDIF
    IF EMPTY(thisform.text3.Value) THEN
        pesan=MESSAGEBOX("Alamat harus diisi",48+0,"Perhatian")
    ENDIF
    IF EMPTY(thisform.text2.Value) THEN
        pesan=MESSAGEBOX("telepon harus diisi",48+0,"Perhatian")
    ENDIF

    APPEND BLANK
    replace kode_penyewa WITH thisform.text1.Value
    replace nama_penyewa WITH thisform.text2.Value
    replace alamat WITH thisform.text3.Value
    replace telepon WITH VAL(thisform.text4.Value)
    replace keterangan WITH thisform.text5.Value
    thisform.grdTbpenyewa.Refresh()
ENDIF

thisform.text1.Value=""
thisform.text2.Value=""
thisform.text3.Value=""
thisform.text4.Value=""
thisform.text5.Value=""
```

```
Command1.Click
Object: Command1 Procedure: Click View Parent Co
DELETE
thisform.grdTbpenyewa.Refresh()
```

```
Option1.Click
Object: Option1 Procedure: Click View Parent Co
thisform.grdTbpenyewa.AllowCellSelection= .F.
```

```
Option2.Click
Object: Option2 Procedure: Click View Parent Co
thisform.grdTbpenyewa.AllowCellSelection= .T.
```

(addition on 29 November 2009)

The screenshot shows a window titled "Text4.KeyPress" in a Visual Basic IDE. The "Object" dropdown is set to "Text4" and the "Procedure" dropdown is set to "KeyPress". The code in the editor is as follows:

```
LPARAMETERS nKeyCode, nEnter  
  
IF nKeyCode = 13  
    thisform.simpan  
ENDIF
```

6. Cek properties, kode-kode dan tampilan dari *formvcd*

The screenshot shows a Visual Basic form titled "VCD" with a blue grid background. It contains the following controls:

- Labels: "Kode VCD", "Judul VCD", "Harga", "Status".
- Text boxes: "Text1" (for Kode VCD), "Text2" (for Judul VCD), and "Text3" (for Harga).
- Combo box: "Combo1" (for Status).
- Table: A data grid with 4 columns: "Kode VCD", "Judul", "Harga Sewa", and "Status". The first row contains "abj" in the first and second columns, and "abj" in the third and fourth columns.
- Buttons: "Hapus", "Edit Unactive" (selected), and "Edit Active".

Note: Properties form pengembalian = properties form peminjaman.

The screenshot shows a window titled "Form1.Load" in a Visual Basic IDE. The "Object" dropdown is set to "Form1" and the "Procedure" dropdown is set to "Load". The code in the editor is as follows:

```
CLOSE TABLES ALL  
SET EXCLUSIVE OFF  
SET DELETED ON  
  
USE tbvcd  
SET ORDER TO KODE_VCD && KODE_VCD
```

```
Form1.simpan
Object: Form1 Procedure: simpan
IF EMPTY(thisform.text1.Value) THEN
    pesan=MESSAGEBOX("Kode VCD harus diisi",48+0,"Perhatian")
ELSE
    IF EMPTY(thisform.text2.Value) THEN
        pesan=MESSAGEBOX("Judul VCD harus diisi",48+0,"Perhatian")
    ENDIF
    IF EMPTY(thisform.text3.Value) THEN
        pesan=MESSAGEBOX("Tentukan harga sewa",48+0,"Perhatian")
    ENDIF

    APPEND BLANK
    replace kode_vcd WITH thisform.text1.Value
    replace judul WITH thisform.text2.Value
    replace harga_sewa WITH thisform.text3.Value
    replace status WITH thisform.combo1.Value
    thisform.text1.SetFocus ()
    thisform.grdTbvcd.Refresh
ENDIF

thisform.text1.Value=""
thisform.text2.Value=""
thisform.text3.Value=0
```

```
Command1.Click
Object: Command1 Procedure: Click
DELETE
thisform.grdTbvcd.Refresh
```

```
Option1.Click
Object: Option1 Procedure: Click
thisform.grdTbvcd.AllowCellSelection= .F.
```

```
Option2.Click
Object: Option2 Procedure: Click
thisform.grdTbvcd.AllowCellSelection= .T.
```

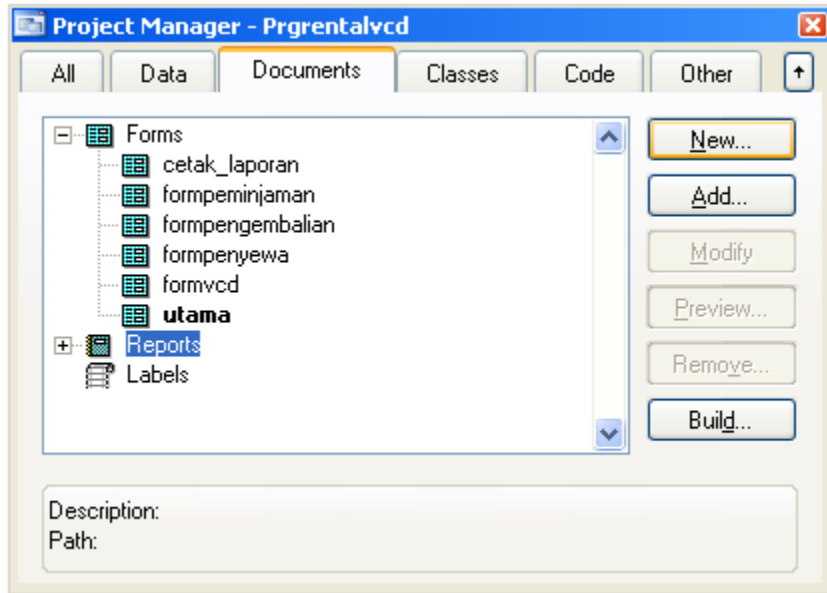
(addition on 29 November 2009)

```
Text3.KeyPress
Object: Text3 Procedure: KeyPress
LPARAMETERS nKeyCode, nEnter

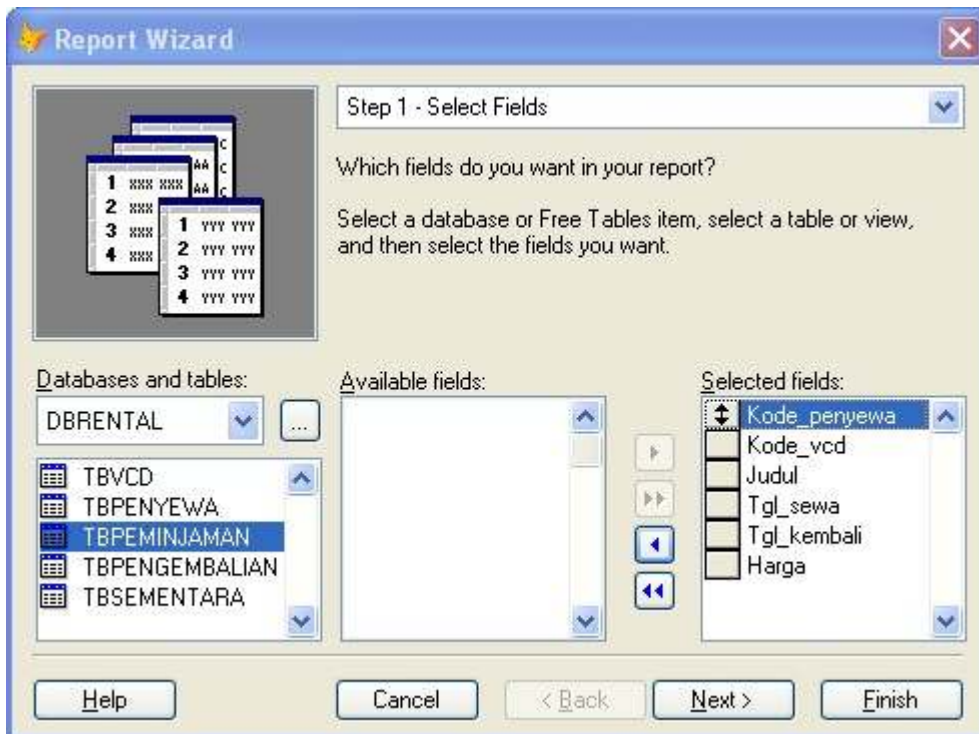
IF nKeyCode = 13
    thisform.simpan
ENDIF
```

Buatlah Report dengan wizard seperti langkah-langkah berikut ini:

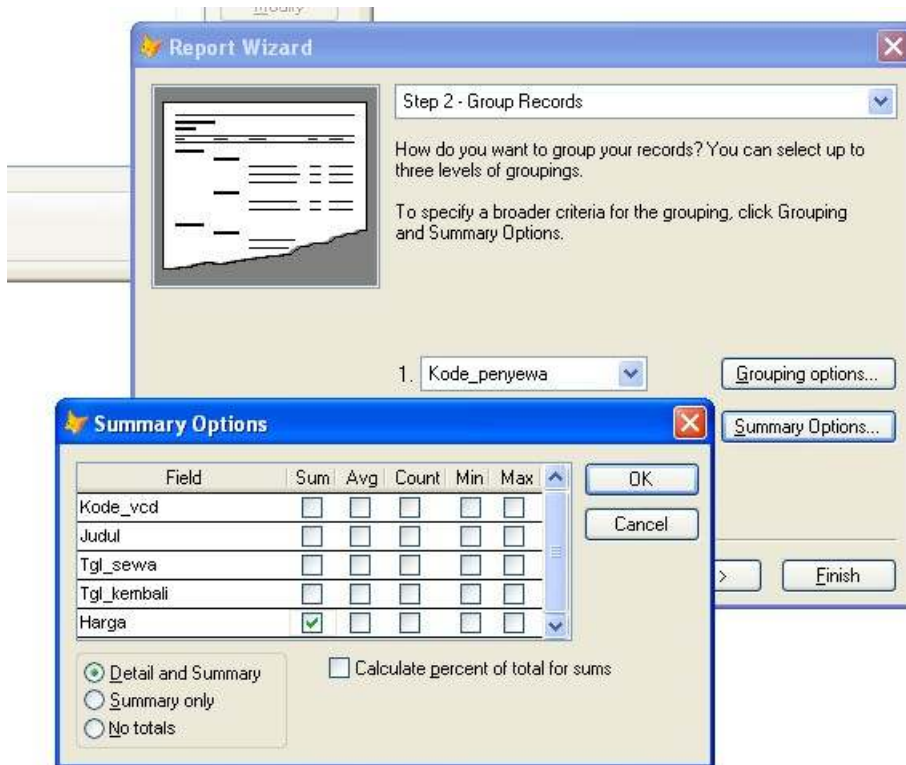
- a. Select tulisan report pada tab Documents, klik tombol New



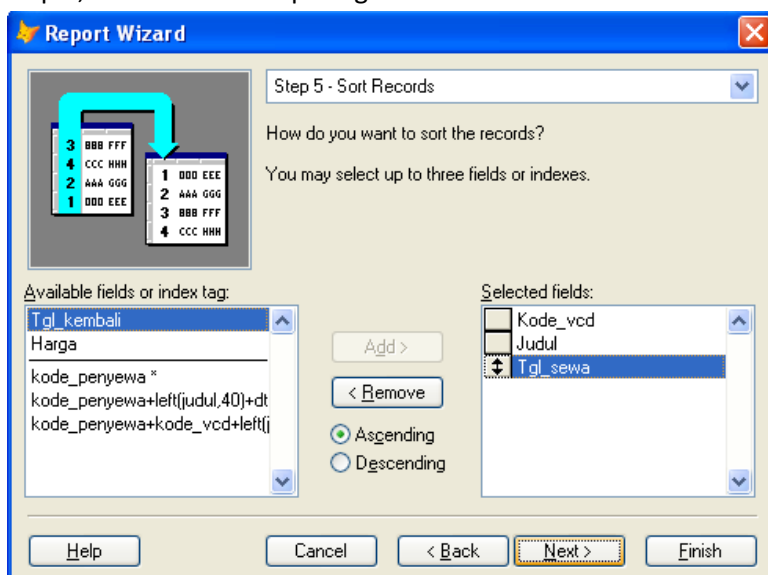
- b. Selanjutnya pilih cara membuat report dengan wizard. Select report wizard dan tekan OK. Lakukan Step 1 seperti gambar berikut



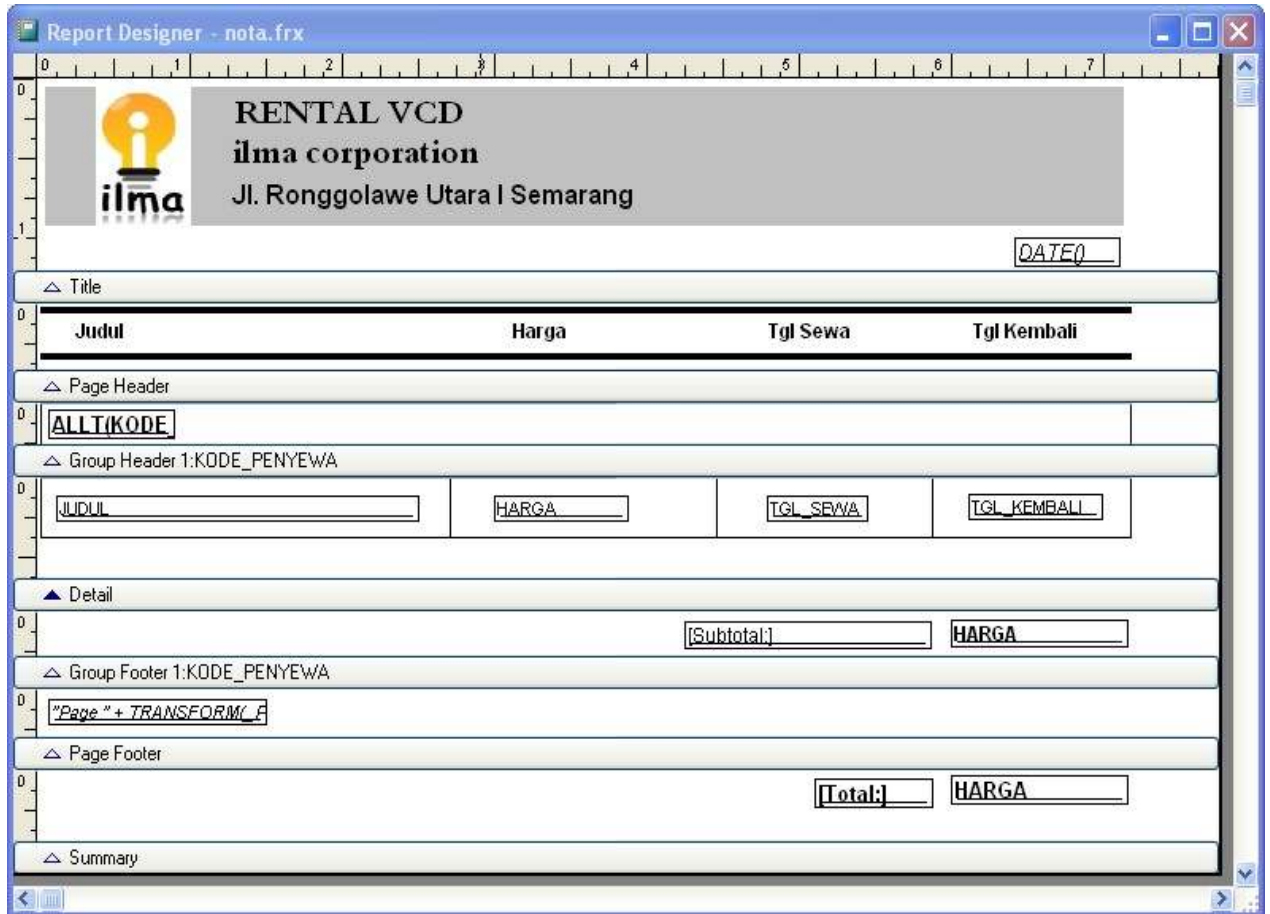
- c. Pada step 2, pilih Kode_penyewa pada grouping options. Dan pada Summary option berilah check pada checkbox Sum-Harga. Lihat gambar berikut untuk lebih jelasnya.



- d. Pada step 3, misalnya dipilih style ledger.
- e. Step 4, lewati saja.
- f. Step 5, boleh lakukan seperti gambar berikut



- g. Step 6, finish.
- h. Lakukan modifikasi menjadi tampilan seperti gambar berikut. Setelah selesai, simpan report dengan nama "nota"



7. Buatlah Report kedua dengan wizard seperti langkah-langkah diatas, kecuali pada step 2 anda tidak perlu memilih Grouping Options. Namai report ke-2 ini "laporan". Setelah selesai melalui wizard, modifikasi report ini menjadi seperti gambar berikut.



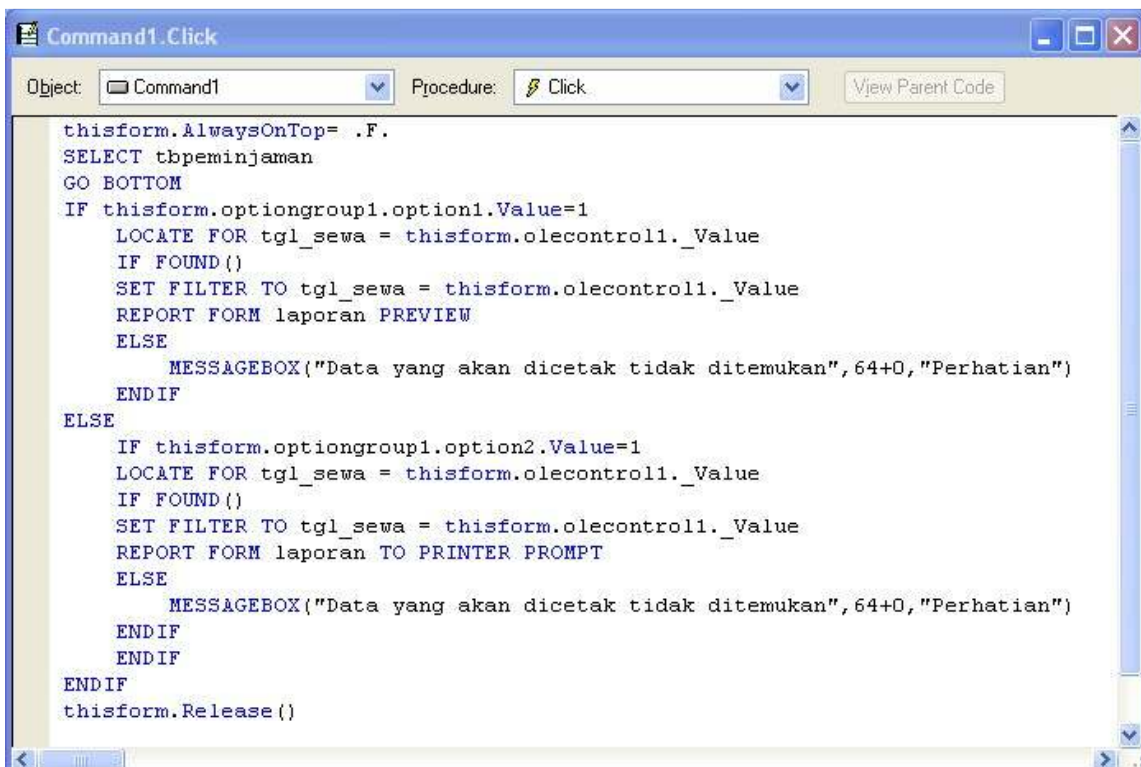
8. Berikutnya buatlah form baru dengan nama cetak_laporan seperti desain berikut



Properties – cetak_laporan.scx

AlwaysOnTop : .T. – True
 AutoCenter : .T. – True
 BackColor : 0,128,255
 Caption : Cetak Laporan
 Height : (terserah Anda)
 Icon : (dari folder kerja Prog. Rental VCD anda)
 Name : Form1
 ShowWindow : 1 – In Top-Level Form
 Width : (terserah Anda)

Kode-kodenya seperti dalam gambar-gambar berikut ini:

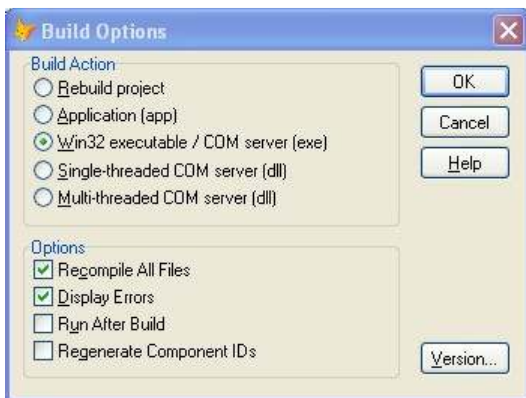


Untuk Command2 dengan procedure Click kodenya adalah: `thisform.Release()`

9. Cobalah menjalankan program tersebut dengan memasukkan data dan menekan tombol-tombol yang ada. Bila sudah berhasil, maka anda akan siap membuat start-up dari program ini.
10. Caranya, pada project manager klik tab Code. Select programs, dan klik tombol new. Isikan kode-kode berikut:

```
startup.prg
CLOSE DATABASES ALL
CLOSE ALL
CLEAR ALL
SET CENTURY ON
SET DATE TO BRITISH
SET ESCAPE OFF
SET EXCLUSIVE OFF
_screen.Hide()
PUSH MENU _MSYSMENU
MODIFY WINDOW screen TITLE "Rental VCD"
WITH _screen
    .windowstate=1
ENDWITH
DO FORM utama.scx
READ EVENTS
QUIT
CLEAR EVENTS
```

11. Simpan dengan nama "startup.prg". (addition on 29 November 2009) Select startup tersebut di project manager, klik kanan dan pilih set main. Kemudian klik tombol build di sebelah kanan. Akan muncul gambar berikut dan lakukan hal yang sama..



12. Klik OK, simpan dengan nama rentalvcd.exe. File startup (RALAT) BESERTA FOLDER PRG RENTAL VCD HARUS anda kumpulkan PALING LAMBAT pada hari SENIN, 30 November 2009, maksimal jam 14.00 siang. Terima kasih.

HAPPY WORKING