# **APLIKASI STOK DENGAN MS. ACCESS**

#### 1. Membuat Tabel

## A. Tabel Barang

## Struktur tabel:

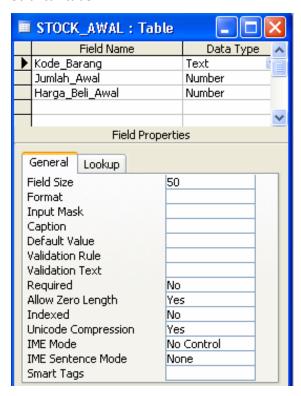
■ BARANG : Table	
Field Name	Data Type
Kode_Barang	Text 💌
Nama_Barang	Text
Harga_Beli	Number
Harga_Jual	Number
	Field Properties
General Lookup	
Field Size	50
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	
Validation Text	
Required	No
Allow Zero Length Indexed	No
Indoned	Yes (No Duplicates) Yes
Unicode Compression IME Mode	No Control
IME Sentence Mode	None
Smart Tags	NOTE

### Isi Tabel :

Kode_Barang	Nama_Barang	Harga_Beli	Harga_Jual
HW01	Mainboard	Rp 500.000	Rp 600.000
HW02	Processor	Rp 700.000	Rp 800.000
HW03	Harddisk	Rp 600.000	Rp 650.000
HW04	Monitor	Rp 1.000.000	Rp 1.200.000
HW05	RAM	Rp 350.000	Rp 450.000
HW06	CDROM	Rp 120.000	Rp 150.000
HW07	Cassing	Rp 100.000	Rp 120.000
HW08	Floppy	Rp 20.000	Rp 30.000
HW09	Keyboard	Rp 75.000	Rp 90.000
HW10	Mouse	Rp 15.000	Rp 25.000
HW11	Card Reader	Rp 45.000	Rp 50.000
HW12	Bluetooth	Rp 50.000	Rp 55.000

#### B. Tabel STOCK\_AWAL

Struktur tabel:

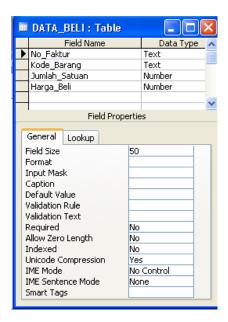


#### Isi tabel:

Kode_Barang	Jumlah_Awal	Harga_Beli_Awal
HW01	100	Rp 500.000
HW02	100	Rp 700.000
HW03	100	Rp 600.000
HW04	100	Rp 1.000.000
HW05	100	Rp 350.000
HW06	100	Rp 120.000
HW07	100	Rp 10.000
HW08	100	Rp 20.000
HW09	100	Rp 75.000
HW10	100	Rp 15.000
HW11	100	Rp 45.000
HW12	100	Rp 50.000

#### C. Tabel DATA BELI

Struktur tabel:

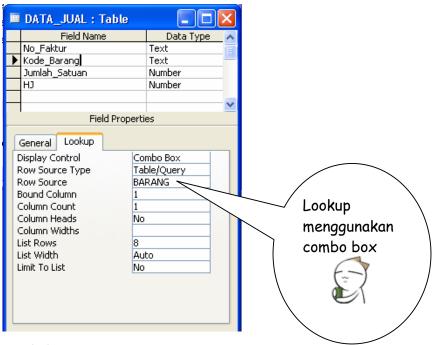


#### Isi tabel:

No_Faktur	Kode_Barang	Jumlah_Satuan	Harga_Beli
FB01	HW01	10	Rp 600.000
FB02	HW02	10	Rp 800.000
FB03	HW03	10	Rp 650.000
FB04	HW04	10	Rp 1.200.000
FB05	HW05	10	Rp 450.000
FB06	HW06	10	Rp 150.000
FB07	HW07	10	Rp 120.000
FB07	HW08	10	Rp 30.000
FB07	HW09	10	Rp 90.000
FB07	HW10	10	Rp 25.000

#### D. DATA JUAL

#### Struktur tabel:



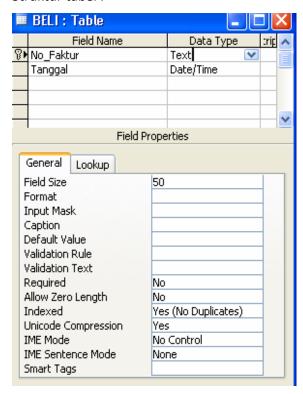
#### Isi tabel:

No_Faktur	Kode_Barang	Jumlah_Satuan	HJ
FJ01	HW01	3	Rp 600.000
FJ01	HW02	3	Rp 800.000
FJ01	HW03	3	Rp 650.000
FJ01	HW04	5	Rp 1.200.000
FJ02	HW04	5	Rp 1.200.000
FJ02	HW05	5	Rp 450.000
FJ02	HW06	5	Rp 150.000
FJ03	HW01	10	Rp 600.000
FJ03	HW02	10	Rp 800.000
FJ03	HW03	10	Rp 650.000
FJ03	HW04	10	Rp 1.200.000
FJ03	HW05	10	Rp 450.000
FJ04	HW08	5	Rp 30.000
FJ04	HW09	5	Rp 90.000
FJ04	HW10	5	Rp 25.000
FJ05	HW04	1	Rp 1.200.000
FJ06	HW01	1	Rp 600.000
FJ06	HW02	1	Rp 800.000
FJ07	HW05	10	Rp 450.000

FJ08	HW02	5	Rp 800.000
FJ08	HW03	3	Rp 650.000
FJ08	HW06	2	Rp 150.000
FJ09	HW01	5	Rp 600.000
FJ09	HW04	6	Rp 1.200.000
FJ10	HW01	1	Rp 600.000
FJ11	HW10	20	Rp 25.000
FJ12	HW11	11	Rp 50.000

#### E. BELI

#### Struktur tabel:



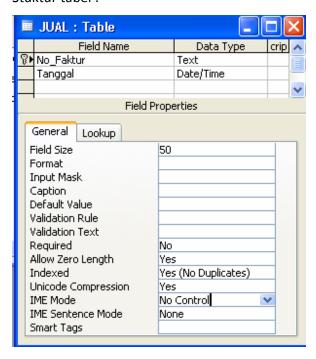
#### Isi tabel:

No_Faktur	Tanggal
FB01	05/05/2004
FB02	08/05/2004
FB03	09/05/2004
FB04	11/05/2004

FB05	12/05/2004
FB06	15/05/2004
FB07	15/05/2004

#### F. JUAL

#### Stuktur tabel:

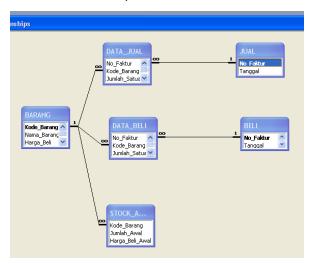


#### ISI TABEL:

No_Faktur	Tanggal
FJ01	16/05/2004
FJ02	18/05/2004
FJ03	19/05/2004
FJ04	19/05/2004
FJ05	21/05/2004
FJ06	22/05/2004
FJ07	25/05/2004
FJ08	26/05/2004
FJ09	28/05/2004
FJ10	30/05/2004
FJ11	06/08/2008
FJ12	07/08/2008

#### 2. BUAT RELATIONSHIP

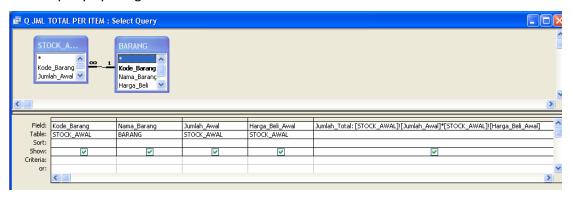
Tools > Relationship



#### 3. MEMBUAT QUERY

#### **A. QUERY JUMLAH TOTAL PER ITEM**

Create query by design view:



Jumlah\_Total: [STOCK\_AWAL]![Jumlah\_Awal]\*[STOCK\_AWAL]![Harga\_Beli\_Awal]

#### Hasil:

Q JML TOTAL PER ITEM						
Kode_Barang Nama_Barang Jumlah_Awal Harga_Beli_Awal Jumlah_To						
HW01	Mainboard	100	Rp 500.000	Rp 50.000.000		
HW02	Processor	100	Rp 700.000	Rp 70.000.000		
HW03	Harddisk	100	Rp 600.000	Rp 60.000.000		
HW04	Monitor	100	Rp 1.000.000	Rp 100.000.000		

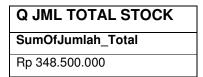
HW05	RAM	100	Rp 350.000	Rp 35.000.000
HW06	CDROM	100	Rp 120.000	Rp 12.000.000
HW07	Cassing	100	Rp 10.000	Rp 1.000.000
HW08	Floppy	100	Rp 20.000	Rp 2.000.000
HW09	Keyboard	100	Rp 75.000	Rp 7.500.000
HW10	Mouse	100	Rp 15.000	Rp 1.500.000
HW11	Card Reader	100	Rp 45.000	Rp 4.500.000
HW12	Bluetooth	100	Rp 50.000	Rp 5.000.000

#### **B. QUERY JUMLAH TOTAL STOCK**

#### Design view:



Hasil:



#### **C. QUERY TRANSAKSI BELI**

### Design view:



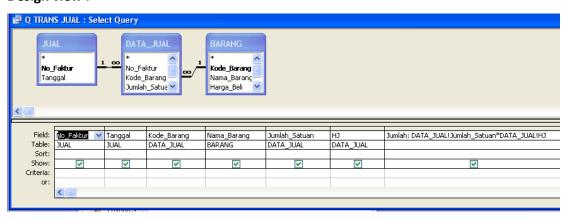
Jumlah: [DATA\_BELI]![Jumlah\_Satuan]\*[DATA\_BELI]![Harga\_Beli]

Hasil:

	Q TRANS BELI					
No_ Faktur	Tanggal	Kode_ Barang	Nama_ Barang	Jumlah_ Satuan	Harga_Beli	Jumlah
FB01	05/05/2004	HW01	Mainboard	10	Rp 600.000	Rp 6.000.000
FB02	08/05/2004	HW02	Processor	10	Rp 800.000	Rp 8.000.000
FB03	09/05/2004	HW03	Harddisk	10	Rp 650.000	Rp 6.500.000
FB04	11/05/2004	HW04	Monitor	10	Rp 1.200.000	Rp 12.000.000
FB05	12/05/2004	HW05	RAM	10	Rp 450.000	Rp 4.500.000
FB06	15/05/2004	HW06	CDROM	10	Rp 150.000	Rp 1.500.000
FB07	15/05/2004	HW07	Cassing	10	Rp 120.000	Rp 1.200.000
FB07	15/05/2004	HW08	Floppy	10	Rp 30.000	Rp 300.000
FB07	15/05/2004	HW09	Keyboard	10	Rp 90.000	Rp 900.000
FB07	15/05/2004	HW10	Mouse	10	Rp 25.000	Rp 250.000

#### **D. QUERY TRANS JUAL**

#### Design view:



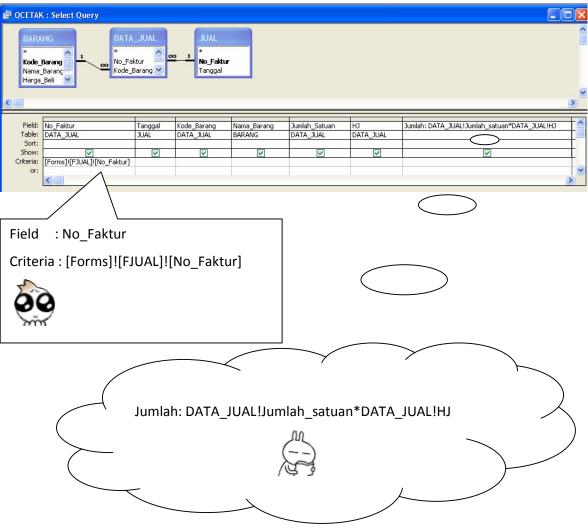
Jumlah: DATA\_JUAL!Jumlah\_Satuan\*DATA\_JUAL!HJ

Hasil:

Q TRANS JUAL								
No_	Tanggal	Kode_	Nama_	Jumlah_	HJ	Jumlah		
Faktur		Barang	Barang	Satuan				
FJ01	16/05/2004	HW01	Mainboard	3	Rp 600.000	Rp 1.800.000		
FJ06	22/05/2004	HW01	Mainboard	1	Rp 600.000	Rp 600.000		
FJ09	28/05/2004	HW01	Mainboard	5	Rp 600.000	Rp 3.000.000		
FJ03	19/05/2004	HW01	Mainboard	10	Rp 600.000	Rp 6.000.000		
FJ10	30/05/2004	HW01	Mainboard	1	Rp 600.000	Rp 600.000		
FJ01	16/05/2004	HW02	Processor	3	Rp 800.000	Rp 2.400.000		
FJ03	19/05/2004	HW02	Processor	10	Rp 800.000	Rp 8.000.000		
FJ06	22/05/2004	HW02	Processor	1	Rp 800.000	Rp 800.000		
FJ08	26/05/2004	HW02	Processor	5	Rp 800.000	Rp 4.000.000		
FJ01	16/05/2004	HW03	Harddisk	3	Rp 650.000	Rp 1.950.000		
FJ03	19/05/2004	HW03	Harddisk	10	Rp 650.000	Rp 6.500.000		
FJ08	26/05/2004	HW03	Harddisk	3	Rp 650.000	Rp 1.950.000		
FJ02	18/05/2004	HW04	Monitor	5	Rp 1.200.000	Rp 6.000.000		
FJ03	19/05/2004	HW04	Monitor	10	Rp 1.200.000	Rp 12.000.000		
FJ05	21/05/2004	HW04	Monitor	1	Rp 1.200.000	Rp 1.200.000		
FJ09	28/05/2004	HW04	Monitor	6	Rp 1.200.000	Rp 7.200.000		
FJ02	18/05/2004	HW05	RAM	5	Rp 450.000	Rp 2.250.000		
FJ03	19/05/2004	HW05	RAM	10	Rp 450.000	Rp 4.500.000		
FJ07	25/05/2004	HW05	RAM	10	Rp 450.000	Rp 4.500.000		
FJ02	18/05/2004	HW06	CDROM	5	Rp 150.000	Rp 750.000		
FJ08	26/05/2004	HW06	CDROM	2	Rp 150.000	Rp 300.000		
FJ04	19/05/2004	HW08	Floppy	5	Rp 30.000	Rp 150.000		
FJ04	19/05/2004	HW09	Keyboard	5	Rp 90.000	Rp 450.000		
FJ04	19/05/2004	HW10	Mouse	5	Rp 25.000	Rp 125.000		
FJ11	06/08/2008	HW10	Mouse	20	Rp 25.000	Rp 500.000		
FJ12	07/08/2008	HW11	Card Reader	11	Rp 50.000	Rp 550.000		
FJ01	16/05/2004	HW04	Monitor	5	Rp 1.200.000	Rp 6.000.000		

## **E. QUERY CETAK (QUERY PENJUALAN DENGAN KRITERIA)**

Design view:



Hasil:

Enter Parameter Val	ue ?X
Forms!FJUAL!No_Faktur	
FJ01	
ОК	Cancel

Contoh masukkan no faktur FJ01

Hasil:

QCETAK								
No_Faktur	Tanggal	Kode_ Barang	Nama_ Barang	Jumlah_ Satuan	HJ	Jumlah		
FJ01	16/05/2004	HW01	Mainboard	3	Rp 600.000	1800000		
FJ01	16/05/2004	HW02	Processor	3	Rp 800.000	2400000		
FJ01	16/05/2004	HW03	Harddisk	3	Rp 650.000	1950000		
FJ01	16/05/2004	HW04	Monitor	5	Rp 1.200.000	6000000		

## F. QUERY CETAK2 (QCETAK TANPA PARAMETER)

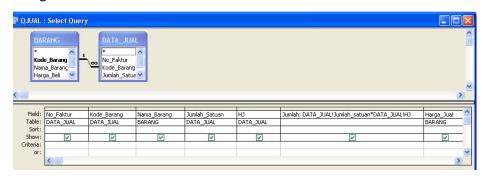
Design view sama dengan query E diatas hanya bedanya Pada kolom criteria dikosongkan, hasil :

QCETAK2								
No_	Tonggol	Kode_	Nama_	Jumlah_	HJ	Jumlah		
Faktur	Tanggal	Barang	Barang	Satuan	п			
FJ01	16/05/2004	HW01	Mainboard	3	Rp 600.000	1800000		
FJ06	22/05/2004	HW01	Mainboard	1	Rp 600.000	600000		
FJ09	28/05/2004	HW01	Mainboard	5	Rp 600.000	3000000		
FJ03	19/05/2004	HW01	Mainboard	10	Rp 600.000	6000000		
FJ10	30/05/2004	HW01	Mainboard	1	Rp 600.000	600000		
FJ01	16/05/2004	HW02	Processor	3	Rp 800.000	2400000		
FJ03	19/05/2004	HW02	Processor	10	Rp 800.000	8000000		
FJ06	22/05/2004	HW02	Processor	1	Rp 800.000	800000		
FJ08	26/05/2004	HW02	Processor	5	Rp 800.000	4000000		
FJ01	16/05/2004	HW03	Harddisk	3	Rp 650.000	1950000		
FJ03	19/05/2004	HW03	Harddisk	10	Rp 650.000	6500000		
FJ08	26/05/2004	HW03	Harddisk	3	Rp 650.000	1950000		
FJ02	18/05/2004	HW04	Monitor	5	Rp 1.200.000	6000000		
FJ03	19/05/2004	HW04	Monitor	10	Rp 1.200.000	12000000		
FJ05	21/05/2004	HW04	Monitor	1	Rp 1.200.000	1200000		
FJ09	28/05/2004	HW04	Monitor	6	Rp 1.200.000	7200000		
FJ02	18/05/2004	HW05	RAM	5	Rp 450.000	2250000		
FJ03	19/05/2004	HW05	RAM	10	Rp 450.000	4500000		
FJ07	25/05/2004	HW05	RAM	10	Rp 450.000	4500000		
FJ02	18/05/2004	HW06	CDROM	5	Rp 150.000	750000		
FJ08	26/05/2004	HW06	CDROM	2	Rp 150.000	300000		
FJ04	19/05/2004	HW08	Floppy	5	Rp 30.000	150000		

FJ04	19/05/2004	HW09	Keyboard	5	Rp 90.000	450000
FJ04	19/05/2004	HW10	Mouse	5	Rp 25.000	125000
FJ11	06/08/2008	HW10	Mouse	20	Rp 25.000	500000
FJ12	07/08/2008	HW11	Card Reader	11	Rp 50.000	550000
FJ01	16/05/2004	HW04	Monitor	5	Rp 1.200.000	6000000

## G. **QUERY JUAL**

## Design view:



Jumlah: DATA\_JUAL!Jumlah\_satuan\*DATA\_JUAL!HJ

## Hasil:

	QJUAL								
No_ Faktur	Kode_ Barang	Nama_ Barang	Jumlah_ Satuan	HJ	Jumlah	Harga_ Jual			
FJ01	HW01	Mainboard	3	Rp 600.000	1800000	Rp 600.000			
FJ06	HW01	Mainboard	1	Rp 600.000	600000	Rp 600.000			
FJ09	HW01	Mainboard	5	Rp 600.000	3000000	Rp 600.000			
FJ03	HW01	Mainboard	10	Rp 600.000	6000000	Rp 600.000			
FJ10	HW01	Mainboard	1	Rp 600.000	600000	Rp 600.000			
FJ01	HW02	Processor	3	Rp 800.000	2400000	Rp 800.000			
FJ03	HW02	Processor	10	Rp 800.000	8000000	Rp 800.000			
FJ06	HW02	Processor	1	Rp 800.000	800000	Rp 800.000			
FJ08	HW02	Processor	5	Rp 800.000	4000000	Rp 800.000			
FJ01	HW03	Harddisk	3	Rp 650.000	1950000	Rp 650.000			
FJ03	HW03	Harddisk	10	Rp 650.000	6500000	Rp 650.000			
FJ08	HW03	Harddisk	3	Rp 650.000	1950000	Rp 650.000			
FJ02	HW04	Monitor	5	Rp 1.200.000	6000000	Rp 1.200.000			
FJ03	HW04	Monitor	10	Rp 1.200.000	12000000	Rp 1.200.000			
FJ05	HW04	Monitor	1	Rp 1.200.000	1200000	Rp 1.200.000			
FJ09	HW04	Monitor	6	Rp 1.200.000	7200000	Rp 1.200.000			

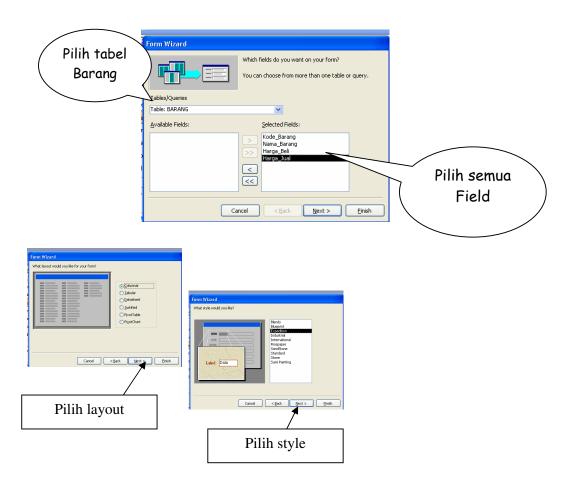
FJ01	HW04	Monitor	5	Rp 1.200.000	6000000	Rp 1.200.000
FJ02	HW05	RAM	5	Rp 450.000	2250000	Rp 450.000
FJ03	HW05	RAM	10	Rp 450.000	4500000	Rp 450.000
FJ07	HW05	RAM	10	Rp 450.000	4500000	Rp 450.000
FJ02	HW06	CDROM	5	Rp 150.000	750000	Rp 150.000
FJ08	HW06	CDROM	2	Rp 150.000	300000	Rp 150.000
FJ04	HW08	Floppy	5	Rp 30.000	150000	Rp 30.000
FJ04	HW09	Keyboard	5	Rp 90.000	450000	Rp 90.000
FJ04	HW10	Mouse	5	Rp 25.000	125000	Rp 25.000
FJ11	HW10	Mouse	20	Rp 25.000	500000	Rp 25.000
FJ12	HW11	Card Reader	11	Rp 50.000	550000	Rp 50.000

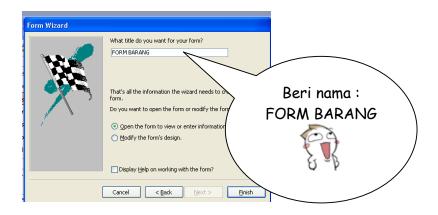
#### 3. BUAT FORM

## A. Membuat Form Barang



Create form by using wizard dari Tabel Barang

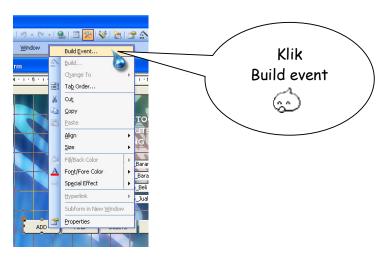




Buatlah DML Button untuk fungsi ADD, FIND, DELETE, SAVE, EXIT

ADD: Record operation > add new record

Lalu untuk meletakkan kursor langsung pada teksbox pertama (kode barang) maka masukkan rumus berikut, cara :



Masukkan rumus berikut:

Private Sub Command5\_Click()

On Error GoTo Err\_Command5\_Click

DoCmd.GoToRecord , , acNewRec

**Kode\_barang.SetFocus** 

Exit\_Command5\_Click:

Exit Sub

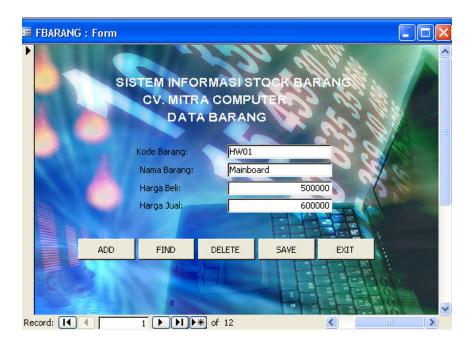
Err\_Command5\_Click:

MsgBox Err.Description

Resume Exit\_Command5\_Click

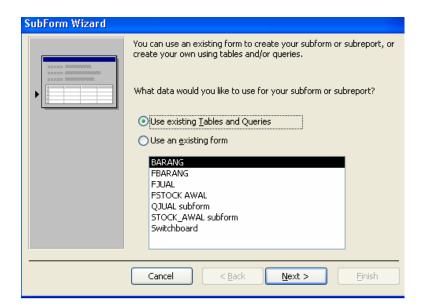
**End Sub** 

Tampilan keseluruhan form barang:

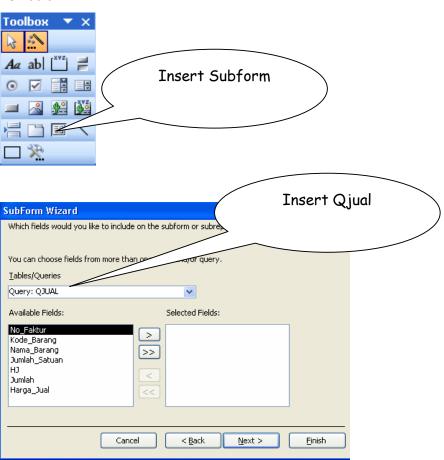


#### B. MEMBUAT FORM FAKTUR PENJUALAN

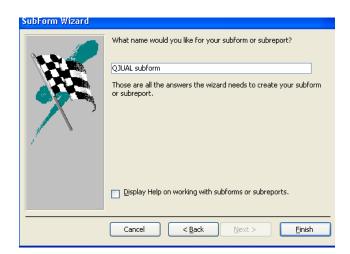
Create form by using wizard > tabel barang

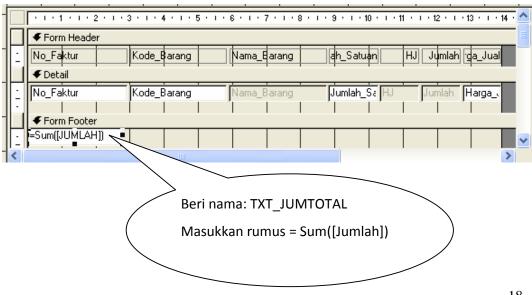


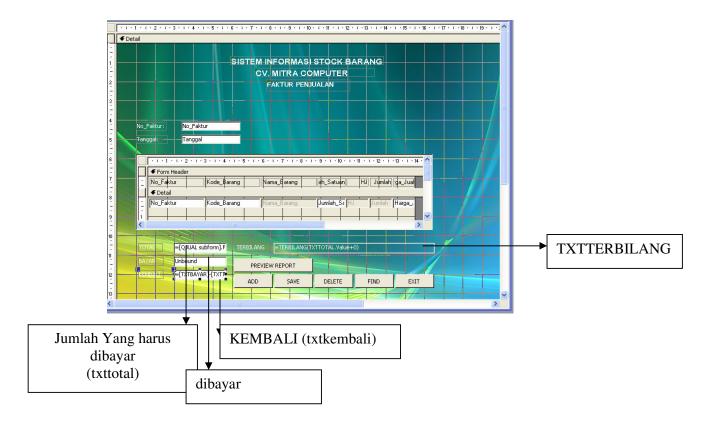
#### Kemudian:





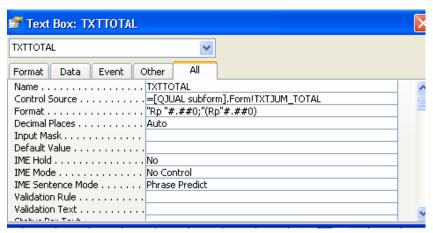




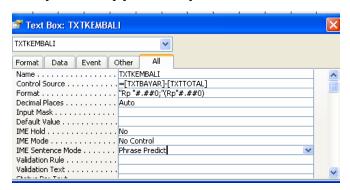


1. JUMLAH YANG HARUS DIBAYAR (TXTTOTAL):

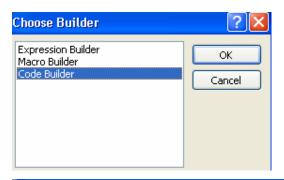
=[QJUAL subform].Form!TXTJUM\_TOTAL



#### 2. KEMBALI=[TXTBAYAR]-[TXTTOTAL]



#### 3. TERBILANG > KLIK KANAN > BUILD EVENT





#### Masukkan rumus berikut:

Public Function TERBILANG(BILANG)

Dim angka(20), kata, bil, satu, dua, tiga, gabung, belas As String

Dim sa, du, ti, hitung, jumhuruf As Byte

angka(0) = ""

angka(1) = "Satu"

angka(2) = "Dua"

angka(3) = "Tiga"

angka(4) = "Empat"

angka(5) = "Lima"

```
angka(6) = "Enam"
angka(7) = "Tujuh"
angka(8) = "Delapan"
angka(9) = "Sembilan"
angka(10) = "Sepuluh"
angka(11) = "Sebelas"
angka(12) = "Dua belas"
angka(13) = "Tiga belas"
angka(14) = "Empat belas"
angka(15) = "Lima belas"
angka(16) = "Enam belas"
angka(17) = "Tujuh belas"
angka(18) = "Delapan belas"
angka(19) = "Sembilan belas"
bil = Str(BILANG)
jumhuruf = Len(bil)
bil = String(12 - jumhuruf, " ") + bil
kata = ""
gabung = ""
sa = 1
du = 2
ti = 3
hitung = 1
Do While hitung < 5
satu = Mid(bil, sa, 1)
dua = Mid(bil, du, 1)
tiga = Mid(bil, ti, 1)
gabung = satu + dua + tiga
If Val(satu) = 1 Then
kata = kata + angka(Val(satu)) + " Ratus"
End If
If Val(dua) = 1 Then
```

```
belas = dua + tiga
kata = kata + angka(Val(belas))
Else
If Val(dua) > 1 Then
kata = kata + angka(Val(dua)) + " Puluh" + angka(Val(tiga))
Else
If Val(dua) = 0 And Val(tiga) > 0 Then
If (hitung = 3 And gabung = "001") Or (hitung = 3 And gabung = "1") Then
kata = kata + " seribu"
Else
kata = kata + angka(Val(tiga))
End If
End If
End If
End If
If hitung = 1 And Val(gabung) > 0 Then
kata = kata + " Milyard"
End If
If hitung = 2 And Val(gabung) > 0 Then
kata = kata + " Juta"
End If
If hitung = 3 And Val(gabung) > 0 Then
If gabung = "001" Or gabung = " 1" Then
kata = kata + " "
Else
kata = kata + " ribu"
End If
End If
hitung = hitung + 1
sa = sa + 3
du = du + 3
ti = ti + 3
```

Loop

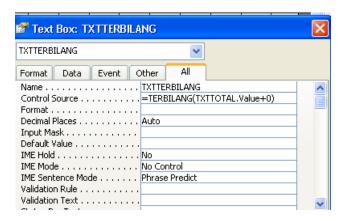
kata = kata + " Rupiah"

TERBILANG = kata

**End Function** 

Kemudian masukkan rumus berikut:

=TERBILANG(TXTTOTAL.Value+0)



#### 3. MEMBUAT REPORT

#### A. MEMBUAT REPORT BARANG

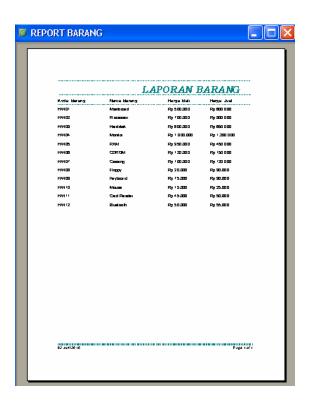
1. Create report by Design view



2. Next > pilih layout, sort order, style dan kemudian beri nama Report Barang



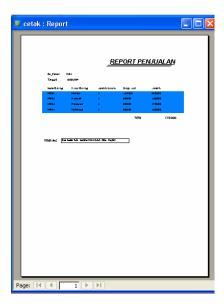
#### Hasil:



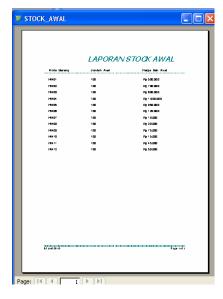
#### 2. REPORT CETAK

Dibuat dari query cetak

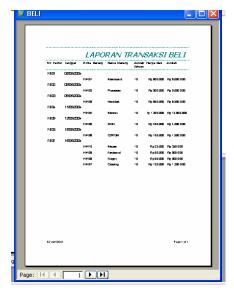
No. faktur dan tanggal dari tabel jual



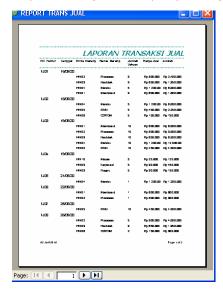
3. Buat Report stock awal dari Tabel stock awal



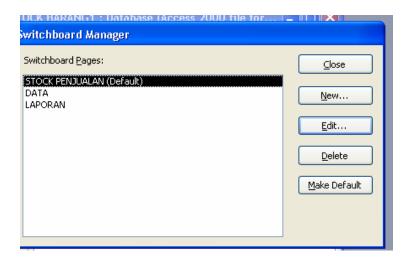




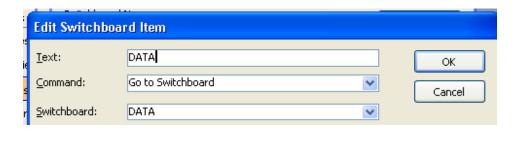
## 5. Buat Report trans jual dari query trans jual

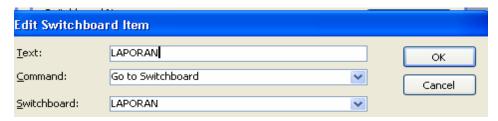


#### 4. MEMBUAT SWITCHBOARD

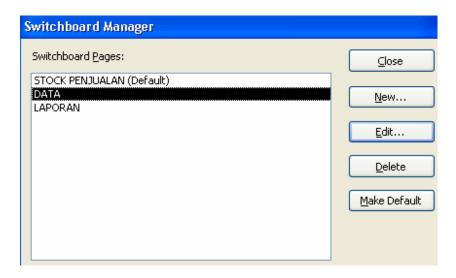


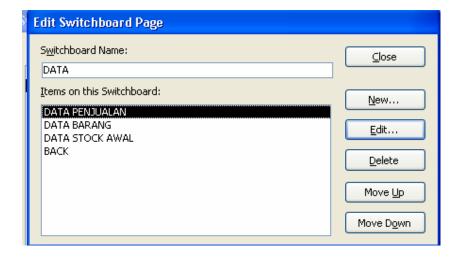


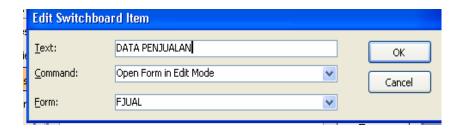


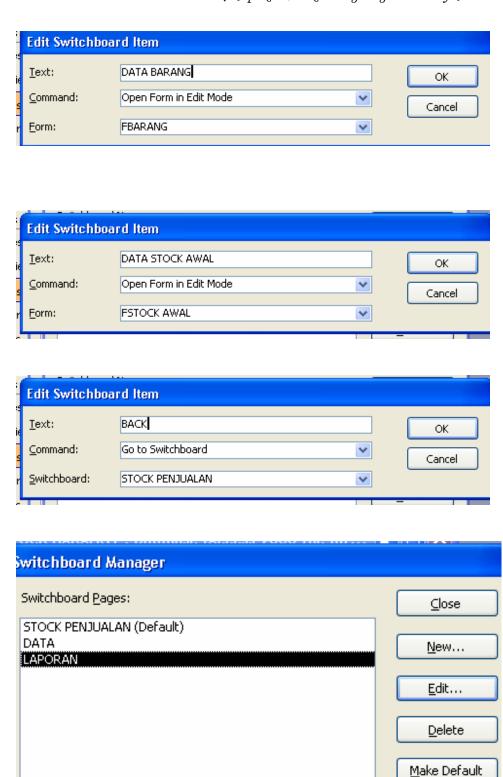


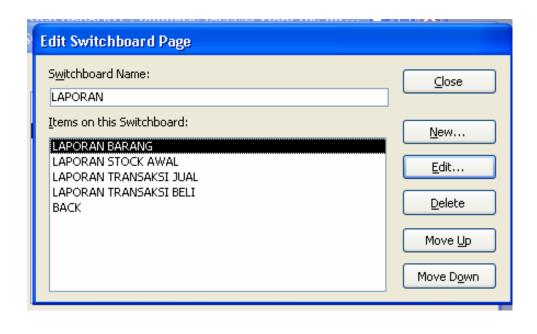


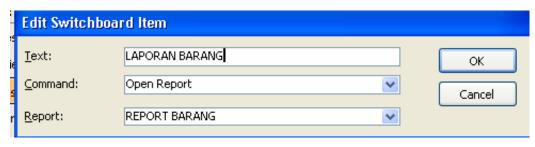


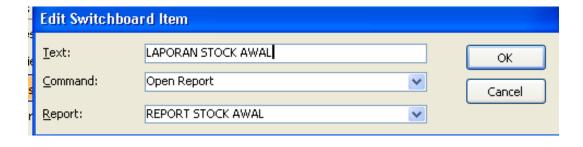


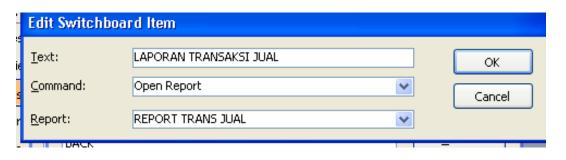


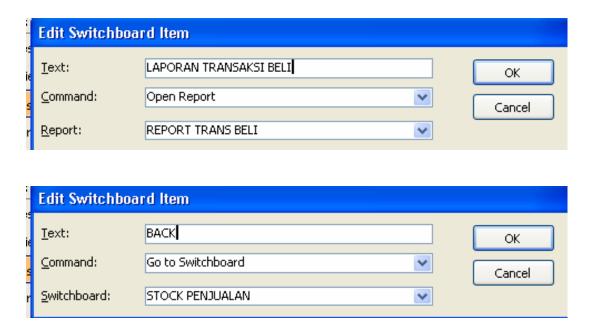












#### **HASIL:**

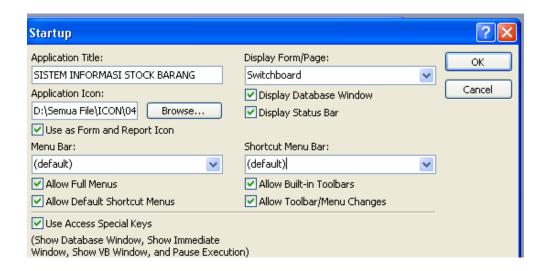






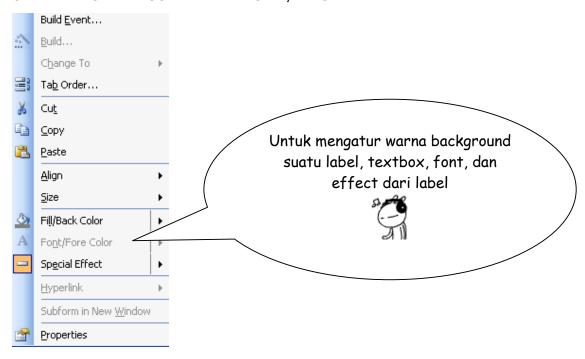
#### 5. MENAMPILAKAN SWITCHBOARD PADA STARTUP





#### **CATATAN:**

#### CARA MENDISAIN LAYOUT TAMPILAN FORM / REPORT



#### Untuk memberi gambar background pada form:

