

Aplikasi Program Inventori Persediaan Barang Metode FIFO, LIFO Dan AVERAGE – VB.Net

Video tutorial dan project dapat dilihat pada link di bawah ini

<https://uusrusmawan.com/aplikasi-program-inventori-persediaan-barang-metode-fifo-lifo-average-untuk-tugas-akhir-skripsi.php>

Tabel user aplikasi inventory metode FIFO, LIFO, Average

Column Name	Data Type	Allow Nulls
ID_User	char(5)	<input type="checkbox"/>
Nama_User	varchar(50)	<input checked="" type="checkbox"/>
Pwd_User	varchar(50)	<input checked="" type="checkbox"/>
Status_User	varchar(50)	<input checked="" type="checkbox"/>

Tabel barang aplikasi inventory metode FIFO, LIFO, Average

Column Name	Data Type	Allow Nulls
ID_Barang	char(3)	<input type="checkbox"/>
Nama_Barang	varchar(50)	<input checked="" type="checkbox"/>
Satuan	varchar(50)	<input checked="" type="checkbox"/>
Lokasi	varchar(50)	<input checked="" type="checkbox"/>
Stok	numeric(18, 0)	<input checked="" type="checkbox"/>
Ket_Barang	varchar(50)	<input checked="" type="checkbox"/>

Tabel customer aplikasi inventory metode FIFO, LIFO, Average

Column Name	Data Type	Allow Nulls
ID_Customer	char(5)	<input type="checkbox"/>
Nama_Customer	varchar(50)	<input checked="" type="checkbox"/>
Alamat_Customer	varchar(50)	<input checked="" type="checkbox"/>
Telepon_Customer	varchar(50)	<input checked="" type="checkbox"/>
PIC_Customer	varchar(50)	<input checked="" type="checkbox"/>
Status_Customer	varchar(50)	<input checked="" type="checkbox"/>

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Tabel supplier aplikasi inventory metode FIFO, LIFO, Average

Column Name	Data Type	Allow Nulls
ID_Supplier	char(5)	<input type="checkbox"/>
Nama_Supplier	varchar(50)	<input checked="" type="checkbox"/>
Alamat_Supplier	varchar(50)	<input checked="" type="checkbox"/>
Telepon_Supplier	varchar(50)	<input checked="" type="checkbox"/>
PIC_Supplier	varchar(50)	<input checked="" type="checkbox"/>
Status_Supplier	varchar(50)	<input checked="" type="checkbox"/>

Tabel penerimaan masuk barang aplikasi inventory metode FIFO, LIFO, Average

Column Name	Data Type	Allow Nulls
ID_Transaksi	char(10)	<input type="checkbox"/>
Tanggal_Masuk	datetime	<input checked="" type="checkbox"/>
ID_Supplier	char(5)	<input checked="" type="checkbox"/>
Total_Barang_Masuk	numeric(18, 0)	<input checked="" type="checkbox"/>
Total_Harga_Masuk	numeric(18, 0)	<input checked="" type="checkbox"/>
Penerima	varchar(50)	<input checked="" type="checkbox"/>
Keterangan_Masuk	varchar(50)	<input checked="" type="checkbox"/>

Tabel keluar barang aplikasi inventory metode FIFO, LIFO, Average

Column Name	Data Type	Allow Nulls
ID_Transaksi	char(10)	<input type="checkbox"/>
Tanggal_Keluar	datetime	<input checked="" type="checkbox"/>
ID_Customer	char(5)	<input checked="" type="checkbox"/>
Total_Barang_Keluar	numeric(18, 0)	<input checked="" type="checkbox"/>
Total_Harga_Keluar	numeric(18, 0)	<input checked="" type="checkbox"/>
Penanggungjawab	varchar(50)	<input checked="" type="checkbox"/>
Keterangan_Keluar	varchar(50)	<input checked="" type="checkbox"/>

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Tabel stok aplikasi inventory metode FIFO, LIFO, Average

Column Name	Data Type	Allow Nulls
Tanggal	datetime	<input checked="" type="checkbox"/>
ID_Transaksi	char(10)	<input checked="" type="checkbox"/>
ID_Barang	char(3)	<input checked="" type="checkbox"/>
Stok_Awal	numeric(18, 0)	<input checked="" type="checkbox"/>
Masuk	numeric(18, 0)	<input checked="" type="checkbox"/>
Harga_Masuk	numeric(18, 0)	<input checked="" type="checkbox"/>
Keluar	numeric(18, 0)	<input checked="" type="checkbox"/>
Harga_Keluar	numeric(18, 0)	<input checked="" type="checkbox"/>
Stok_Akhir	numeric(18, 0)	<input checked="" type="checkbox"/>
Keterangan	varchar(50)	<input checked="" type="checkbox"/>
ID_User	char(5)	<input checked="" type="checkbox"/>

Spesifikasi tabel

Tabel user aplikasi inventory metode FIFO, LIFO, Average

Nama Filed	Tipe	Ukuran	Keterangan
id_user	Char	5	Primary key
Nama_user	Varchar	50	
Pwd_user	Varchar	50	
Status_user	Varchar	50	

Tabel barang aplikasi inventory metode FIFO, LIFO, Average

Nama Filed	Tipe	Ukuran	Keterangan
Kode_barang	Char	13	Primary key
Nama_barang	Varchar	50	
Satuan	Varchar	50	
Lokasi	Varchar	50	
Stok	Numeric	18	
Ket_barang	Varchar	50	

Tabel customer aplikasi inventory metode FIFO, LIFO, Average

Nama Filed	Tipe	Ukuran	Keterangan
id_customer	Char	5	Primary key
Nama_customer	Varchar	50	
Alamat_customer	Varchar	50	
Telepon_customer	Varchar	50	
pic_customer	Varchar	50	
Status_customer	Varchar	50	

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Tabel supplier aplikasi inventory metode FIFO, LIFO, Average

Nama Filed	Tipe	Ukuran	Keterangan
id_supplier	Char	5	Primary key
Nama_supplier	Varchar	50	
Alamat_supplier	Varchar	50	
Telepon_supplier	Varchar	50	
pic_supplier	Varchar	50	
Status_supplier	Varchar	50	

Tabel masuk aplikasi inventory metode FIFO, LIFO, Average

Nama Filed	Tipe	Ukuran	Keterangan
Id_transaksi	Char	10	Primary key
Tanggal_masuk	datetime	8	
Id_supplier	Char	5	Foreign key
Total_barang_masuk	Numeric	18	
Total_harga_masuk	Numeric	18	
Penerima	Varchar	50	
Keterangan_masuk	Varchar	50	

Tabel keluar aplikasi inventory metode FIFO, LIFO, Average

Nama Filed	Tipe	Ukuran	Keterangan
Id_transaksi	Char	10	Primary key
Tanggal_keluar	datetime	8	
Id_customer	Char	5	Foreign key
Total_barang_keluar	Numeric	18	
Total_harga_keluar	Numeric	18	
Penanggungjawab	Varchar	50	
Keterangan_keluar	Varchar	50	

Tabel stok aplikasi inventory metode FIFO, LIFO, Average

Nama Filed	Tipe	Ukuran	Keterangan
Tanggal	Datetime	8	
Id_transaksi	Char	10	Foreign key
Id_barang	Char	3	Foreign key
Stok_awal	Numeric	18	
Masuk	Numeric	18	
Harga_masuk	Numeric	18	
Keluar	Numeric	18	
Harga_keluar	Numeric	18	
Stok_akhir	Numeric	18	
Keterangan	Varchar	50	
Id_user	Char	5	Foreign key

Unnormal aplikasi inventory metode FIFO, LIFO, Average

id_user
Nama_user
Pwd_user
Status_user
Kode_barang
Nama_barang
Satuan
Lokasi
Stok
Ket_barang
id_customer
Nama_customer
Alamat_customer
Telepon_customer
pic_customer
Status_customer
id_supplier
Nama_supplier
Alamat_supplier
Telepon_supplier
pic_supplier
Status_supplier
Id_transaksi
Tanggal_masuk
Id_supplier
Total_barang_masuk
Total_harga_masuk
Penerima
Keterangan_masuk
Id_transaksi
Tanggal_keluar
Id_customer
Total_barang_keluar
Total_harga_keluar
Penanggungjawab
Keterangan_keluar
Tanggal
Id_transaksi
Id_barang
Stok_awal
Masuk
Harga_masuk
Keluar
Harga_keluar
Stok_akhir
Keterangan
Id_user

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Normal 1 aplikasi inventory metode FIFO, LIFO, Average

```
id_user *
Nama_user
Pwd_user
Status_user
Kode_barang *
Nama_barang
Satuan
Lokasi
Stok
Ket_barang
id_customer *
Nama_customer
Alamat_customer
Telepon_customer
pic_customer
Status_customer
id_supplier *
Nama_supplier
Alamat_supplier
Telepon_supplier
pic_supplier
Status_supplier
Id_transaksi *
Tanggal_masuk
Total_barang_masuk
Total_harga_masuk
Penerima
Keterangan_masuk
Id_transaksi *
Tanggal_keluar
Total_barang_keluar
Total_harga_keluar
Penanggungjawab
Keterangan_keluar
Tanggal
Id_transaksi *
Id_barang
Stok_awal
Masuk
Harga_masuk
Keluar
Harga_keluar
Stok_akhir
Keterangan
```

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Normal 2 aplikasi inventory metode FIFO, LIFO, Average

id_user *
Nama_user
Pwd_user
Status_user

Id_transaksi *
Tanggal_keluar
Total_barang_keluar
Total_harga_keluar
Penanggungjawab
Keterangan_keluar

Kode_barang *
Nama_barang
Satuan
Lokasi
Stok
Ket_barang

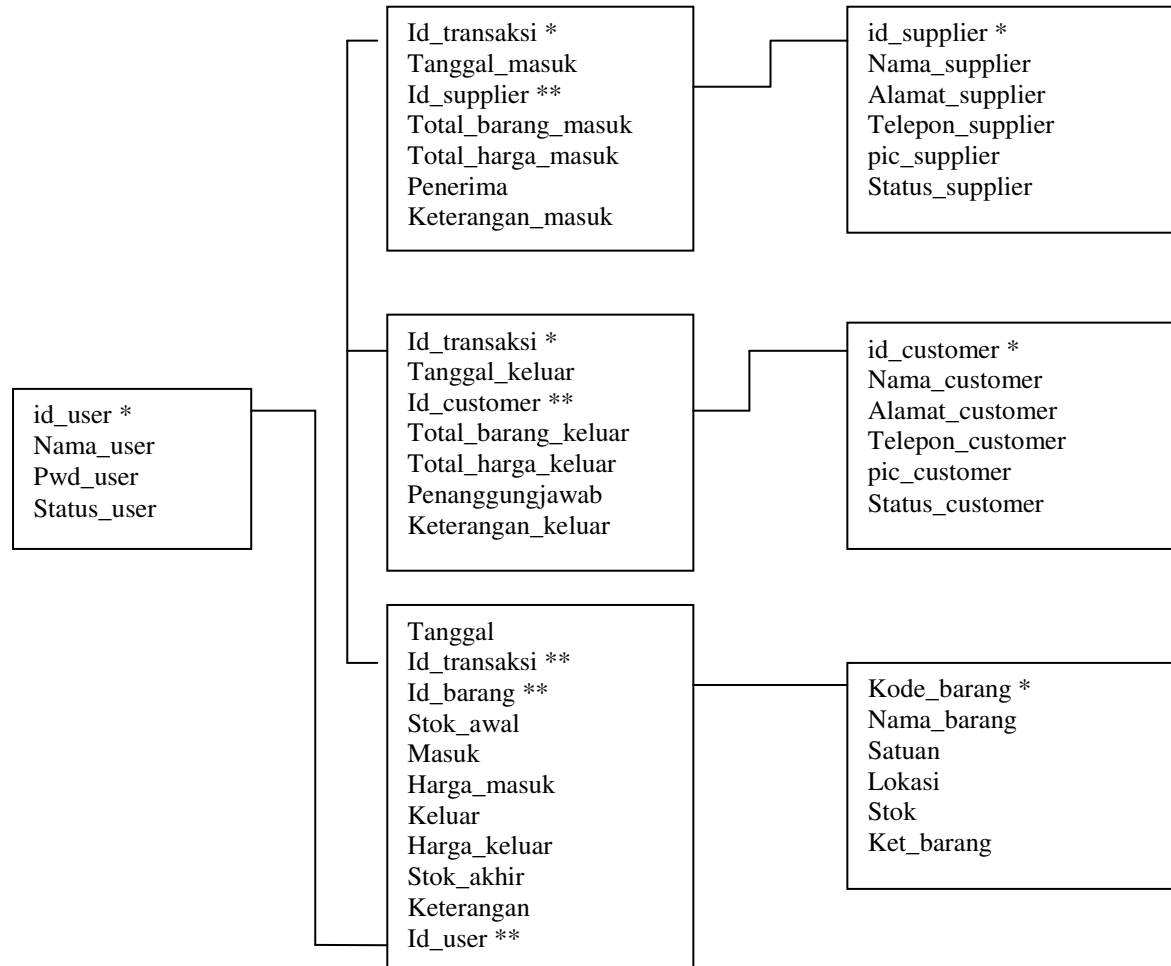
Tanggal
Id_transaksi *
Stok_awal
Masuk
Harga_masuk
Keluar
Harga_keluar
Stok_akhir
Keterangan

id_customer *
Nama_customer
Alamat_customer
Telepon_customer
pic_customer
Status_customer

Id_transaksi *
Tanggal_masuk
Total_barang_masuk
Total_harga_masuk
Penerima
Keterangan_masuk

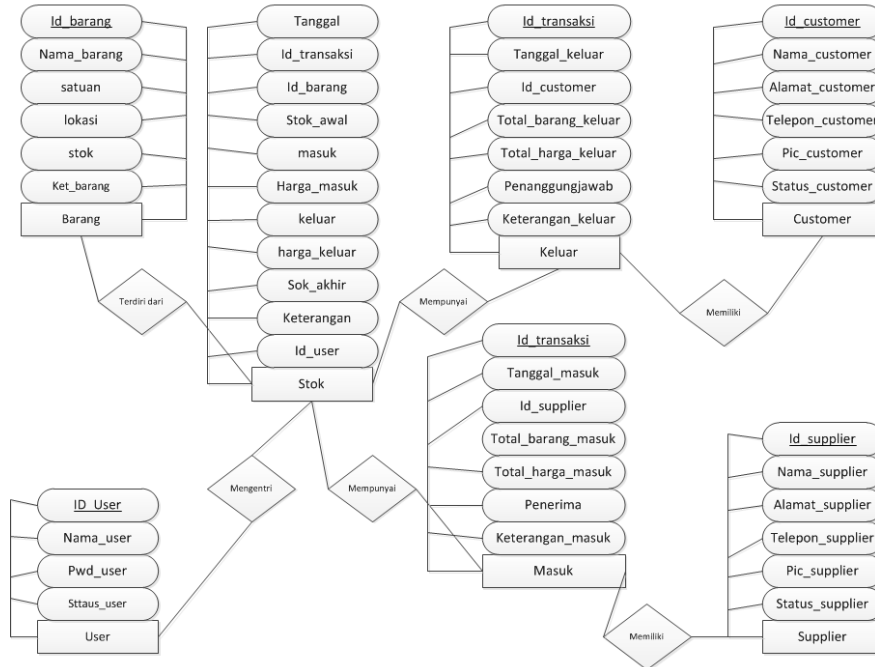
Keterangan : * kunci primer, ** kunci tamu

Normal 3 aplikasi inventory metode FIFO, LIFO, Average

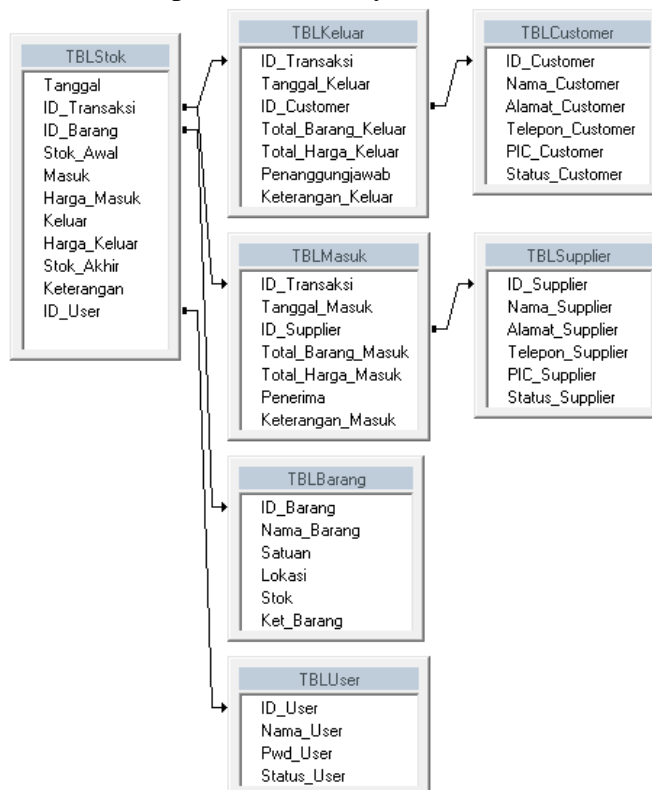


Keterangan : * Kunci primaer, ** Kunci Tamu

ERD aplikasi inventory metode FIFO, LIFO, Average



Relasi tabel aplikasi inventory metode FIFO, LIFO, Average



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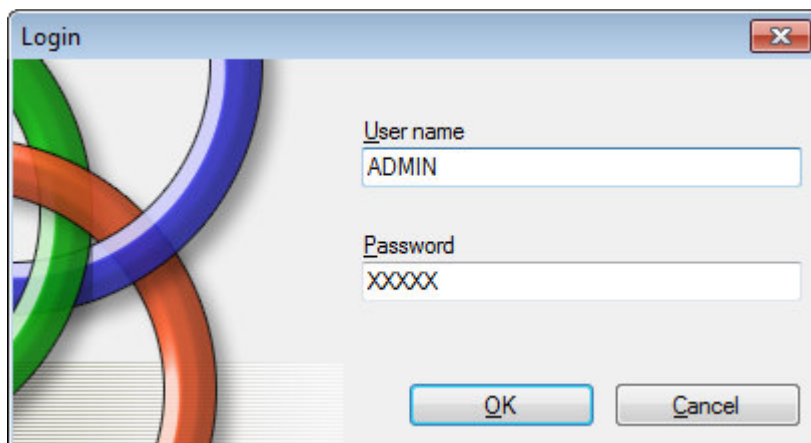
Module Koneksi Database

```
Imports System.Data.SqlClient

Module Module1
Public CONN As SqlConnection
Public DA As SqlDataAdapter
Public DS AsNew DataSet
Public CMD As SqlCommand
Public DR As SqlDataReader
Public STR AsString

Sub Koneksi()
    STR = "data source=user-pc\squlexpress;initial
catalog=fifoinventori;integrated security =true"
    CONN = New SqlConnection(STR)
    If CONN.State = ConnectionState.Closed Then
        CONN.Open()
    EndIf
EndSub
EndModule
```

Form login aplikasi inventori persediaan barang merode FIFO LIFO Average



```
Imports System.Data.SqlClient

PublicClass Login

Dim hitung AsInteger

PrivateSub OK_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles OK.Click
Call Koneksi()
EndSub
```

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```
        CMD = New SqlCommand("select * from tbluser where
nama_user='"& Tnama.Text &"' and pwd_user='"& TPassword.Text
&"", CONN)
        dr = cmd.ExecuteReader
        dr.Read()
    If dr.HasRows Then
    If DR(3) <> TPassword.Text Then
        MsgBox("password salah")
        TPassword.Clear()
        TPassword.Focus()

ExitSub
EndIf
Me.Visible = False
    Menuutama.Show()
    Menuutama.panelkode.Text = dr(0)
    Menuutama.panelnama.Text = dr(1)
    Menuutama.panelstatus.Text = UCase(dr(2))
    If Menuutama.panelstatus.Text <> "ADMIN" Then
        Menuutama.UserToolStripMenuItem.Visible =
False

        Menuutama.BTNUser.Visible = False
        MenuUtama.btnuser.Visible = False

    Else

        Menuutama.UserToolStripMenuItem.Visible = True
        Menuutama.BTNUser.Visible = True
        MenuUtama.btnuser.Visible = True

    EndIf
    Else

        MsgBox("login gagal")
        Tnama.Clear() : TPassword.Clear() : Tnama.Focus()

        hitung = hitung + 1
    If hitung > 2 Then
    End
    EndIf
    EndIf
EndSub

PrivateSub Cancel_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles Cancel.Click
End
EndSub

PrivateSub Login_Load(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles MyBase.Load
Me.CenterToScreen()
EndSub
EndClass
```

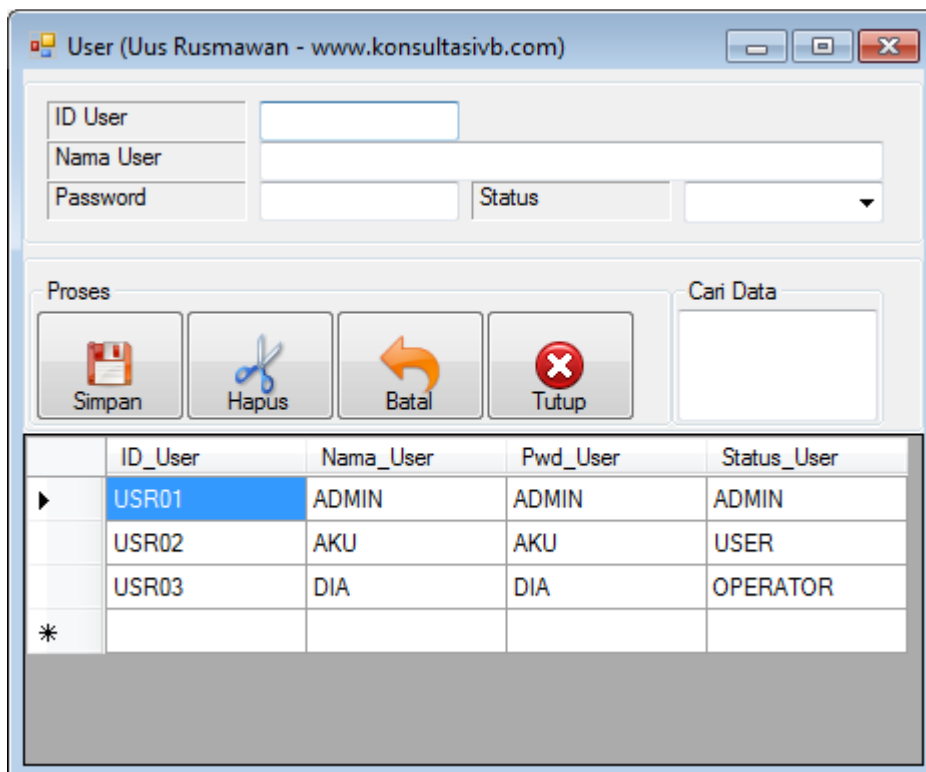
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Menu utama aplikasi inventori persediaan barang merode FIFO LIFO Average



Form user plikasi inventori persediaan barang merode FIFO LIFO Average



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Form barang aplikasi inventori persediaan barang merode FIFO LIFO Average

ID_Barang	Nama_Barang	Satuan	Lokasi
111	BARANG SATU	PCS	RAK 1
222	BARANG DUA	BUAH	RAK2
333	BARANG TIGA	SET	RAK 3
444	BARANG EMPAT	PALLET	RAK 4
555	BARANG LIMA	DUS	RAK 5

Form supplier aplikasi inventori persediaan barang merode FIFO LIFO Average

ID_Supplier	Nama_Supplier	Alamat_Supplier	Telepon_Supplier
SP001	PT XXX-XX	JL XXX	99999
SP002	PT YYY	JL YYY	88888
SP003	PT ZZZ	JL ZZZ	77777
*			

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Form customer aplikasi inventori persediaan barang merode FIFO LIFO Average

ID_Customer	Nama_Customer	Alamat_Customer	Telepon_Customer
CS001	PT AAA	JL AAA	11111
CS002	PT BBB	JL BBB	22222
CS003	PT CCC	jl ccc	33333

Form pengeluaran barang Metode FIFO

Id Transaksi (0)	Tgl Transaksi (1)	Id Barang (2)	Nama Barang (3)	Satuan (4)	Lokasi (5)	Stok Akhir (6)	Harga (7)	Keluar (8)	Total (9)	Saldo Akhir (10)	Stok (11)
M2	03/05/2018	111	BARANG SATU	PCS	RAK 1	3	1210	3	3630	0	2
M3	04/05/2018	111	BARANG SATU	PCS	RAK 1	3	1430	2	2860	1	1
M4	05/05/2018	111	BARANG SATU	PCS	RAK 1	8	990	0	0	8	8

```
Imports System.Data.SqlClient
```

```
Public Class Keluar_FIFO
```

```
Sub Notis()
```

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```
Call Koneksi()
    CMD = New SqlCommand("select Id_Transaksi from
tblkeluar order by Id_Transaksi desc", CONN)
    DR = CMD.ExecuteReader
    DR.Read()
IfNot DR.HasRows Then
    TIDtransaksi.Text = Format(Now, "yyMMdd") +
"0001"
Else
If Microsoft.VisualBasic.Left(DR.Item("Id_Transaksi"), 6)
= Format(Now, "yyMMdd") Then
    TIDtransaksi.Text =
DR.Item("Id_Transaksi") + 1
Else
    TIDtransaksi.Text = Format(Now, "yyMMdd")
+ "0001"
EndIf
EndIf
EndSub

Sub Kosongkan()
    TIDbarang.Clear()
    Tstokbarang.Clear()
    Tpenanggungjawab.Text = "-"
    Tketerangan.Text = "-"
    LTotalBarang.Text = 0
    LTotalHarga.Text = 0
    DGV.Columns.Clear()
    TIDtransaksi.Focus()
EndSub

Sub TampilCustomer()
Call Koneksi()
    CMD = New SqlCommand("select * from tblCustomer
where status_Customer='AKTIF'", CONN)
    DR = CMD.ExecuteReader
DoWhile DR.Read
    ListBox1.Items.Add(DR(0) & Space(1) & DR(1))
Loop
EndSub

PrivateSub Keluar_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
Me.CenterToScreen()
Me.CenterToScreen()
Call Kosongkan()
Call TampilCustomer()
```

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```
Call Notis()  
    TIDtransaksi.Enabled = False  
  
EndSub  
  
PrivateSub TanggalMasuk_KeyDown(ByVal sender As Object,  
ByVal e As System.Windows.Forms.KeyEventArgs) Handles  
TanggalMasuk_KeyDown  
If e.KeyCode = Keys.Enter Then  
    Tpenanggungjawab.Focus()  
EndIf  
EndSub  
  
PrivateSub ListBox1_KeyDown(ByVal sender As Object, ByVal  
e As System.Windows.Forms.KeyEventArgs) Handles  
ListBox1_KeyDown  
If e.KeyCode = Keys.Enter Then  
    DGV.Focus()  
EndIf  
EndSub  
  
Sub HitungTotal()  
Dim x As Integer  
For baris As Integer = 0 To DGV.RowCount - 1  
    x = x + DGV.Rows(baris).Cells("Keluar").Value  
Next  
    LTotalBarang.Text = x  
  
Dim y As Integer  
For baris As Integer = 0 To DGV.RowCount - 1  
    y = y + DGV.Rows(baris).Cells("Total").Value  
Next  
    LTotalHarga.Text = y  
EndSub  
  
PrivateSub TPenanggungjawab_KeyDown(ByVal sender As Object,  
ByVal e As System.Windows.Forms.KeyEventArgs) Handles  
Tpenanggungjawab_KeyDown  
If e.KeyCode = Keys.Enter Then  
    ListBox1.Focus()  
EndIf  
EndSub  
  
PrivateSub Tketerangan_KeyDown(ByVal sender As Object,  
ByVal e As System.Windows.Forms.KeyEventArgs) Handles  
Tketerangan_KeyDown  
If e.KeyCode = Keys.Enter Then
```


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```
BTNSimpan.Focus()  
  
EndIf  
EndSub  
  
PrivateSub BTNBatal_Click(ByVal sender As System.Object,  
ByVal e As System.EventArgs) Handles BTNBatal.Click  
Call Kosongkan()  
TIDbarang.Focus()  
EndSub  
  
PrivateSub BTNTutup_Click(ByVal sender As System.Object,  
ByVal e As System.EventArgs) Handles BTNTutup.Click  
Me.Close()  
EndSub  
  
PrivateSub Button1_Click(ByVal sender As System.Object,  
ByVal e As System.EventArgs) Handles Button1.Click  
Masuk.Show()  
EndSub  
EndClass
```

Pengeluaran barang Metode LIFO

Id Transaksi (0)	Tgl Transaksi (1)	Id Barang (2)	Nama Barang (3)	Satuan (4)	Lokasi (5)	Stok Akhir (6)	Harga (7)	Keluar (8)	Total (9)	Saldo Akhir (10)	Stok (11)
M4	05/05/2018	111	BARANG SATU	PCS	RAK 1	8	990	8	7920	0	1
M3	04/05/2018	111	BARANG SATU	PCS	RAK 1	3	1430	1	1430	2	2
M2	03/05/2018	111	BARANG SATU	PCS	RAK 1	3	1210	0	0	3	3
*								0			

```
Imports System.Data.SqlClient
```

```
PublicClass Keluar_LIFO  
Sub Notis()  
Call Koneksi()  
CMD = New SqlCommand("select Id_Transaksi from  
tblkeluar order by Id_Transaksi desc", CONN)  
DR = CMD.ExecuteReader
```

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```
        DR.Read()
    IfNot DR.HasRows Then
        TIDtransaksi.Text = Format(Now, "yyMMdd") +
"0001"
    Else
    If Microsoft.VisualBasic.Left(DR.Item("Id_Transaksi"), 6)
= Format(Now, "yyMMdd") Then
        TIDtransaksi.Text =
DR.Item("Id_Transaksi") + 1
    Else
        TIDtransaksi.Text = Format(Now, "yyMMdd")
+ "0001"
    EndIf
    EndIf
EndSub

Sub Kosongkan()
    TIDbarang.Clear()
    Tstokbarang.Clear()
    Tpenanggungjawab.Text = "-"
    Tketerangan.Text = "-"
    LTotalBarang.Text = 0
    LTotalHarga.Text = 0
    DGV.Columns.Clear()
    TIDtransaksi.Focus()
EndSub

Sub TampilCustomer()
    Call Koneksi()
    CMD = New SqlCommand("select * from tblCustomer
where status_Customer='AKTIF'", CONN)
    DR = CMD.ExecuteReader
    DoWhile DR.Read
        ListBox1.Items.Add(DR(0) & Space(1) & DR(1))
    Loop
EndSub

PrivateSub Keluar_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
    Me.CenterToScreen()
    Me.CenterToScreen()
    Call Kosongkan()
    Call TampilCustomer()
    Call Notis()
    TIDtransaksi.Enabled = False
```

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```
EndSub
```

```
PrivateSub TanggalMasuk_KeyDown(ByVal sender As Object,  
ByVal e As System.Windows.Forms.KeyEventArgs) Handles  
TanggalMasuk.KeyDown  
If e.KeyCode = Keys.Enter Then  
    Tpenanggungjawab.Focus()  
EndIf  
EndSub
```

```
PrivateSub ListBox1_KeyDown(ByVal sender As Object, ByVal  
e As System.Windows.Forms.KeyEventArgs) Handles  
ListBox1.KeyDown  
If e.KeyCode = Keys.Enter Then  
    DGV.Focus()  
EndIf  
EndSub
```

```
Sub HitungTotal()  
Dim x As Integer  
For baris As Integer = 0 To DGV.RowCount - 1  
    x = x + DGV.Rows(baris).Cells("Keluar").Value  
Next  
    LTotalBarang.Text = x  
  
Dim y As Integer  
For baris As Integer = 0 To DGV.RowCount - 1  
    y = y + DGV.Rows(baris).Cells("Total").Value  
Next  
    LTotalHarga.Text = y  
EndSub
```

```
PrivateSub TPenanggungjawab_KeyDown(ByVal sender As Object,  
ByVal e As System.Windows.Forms.KeyEventArgs) Handles  
Tpenanggungjawab.KeyDown  
If e.KeyCode = Keys.Enter Then  
    ListBox1.Focus()  
EndIf  
EndSub
```

```
PrivateSub Tketerangan_KeyDown(ByVal sender As Object,  
ByVal e As System.Windows.Forms.KeyEventArgs) Handles  
Tketerangan.KeyDown  
If e.KeyCode = Keys.Enter Then  
    BTNSimpan.Focus()  
EndIf  
EndSub
```

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```
PrivateSub BTNBatal_Click(ByVal sender As System.Object,  
ByVal e As System.EventArgs) Handles BTNBatal.Click  
Call Kosongkan()  
TIDbarang.Focus()  
EndSub
```

```
PrivateSub BTNTutup_Click(ByVal sender As System.Object,  
ByVal e As System.EventArgs) Handles BTNTutup.Click  
Me.Close()  
EndSub
```

```
PrivateSub Button1_Click(ByVal sender As System.Object,  
ByVal e As System.EventArgs) Handles Button1.Click  
Masuk.Show()  
EndSub
```

```
EndClass
```

Pengeluaran barang Metode AVERAGE

Id Transaksi (0)	Tgl Transaksi (1)	Id Barang (2)	Nama Barang (3)	Satuan (4)	Lokasi (5)	Stok Akhir (6)	Harga (7)	Keluar (8)	Total (9)	Saldo Akhir (10)	Sisa (11)
M2	03/05/2018	111	BARANG SATU	PCS	RAK 1	3	1210	3	3630	0	2
M3	04/05/2018	111	BARANG SATU	PCS	RAK 1	3	1430	2	2262	1	1
M4	05/05/2018	111	BARANG SATU	PCS	RAK 1	8	990	0	0	8	8
*								0			

```
Imports System.Data.SqlClient  
Imports System.Math
```

```
PublicClass Keluar_Average  
Sub Notis()  
Call Koneksi()  
CMD = New SqlCommand("select Id_Transaksi from  
tblkeluar order by Id_Transaksi desc", CONN)  
DR = CMD.ExecuteReader  
DR.Read()  
EndSub
```

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```
IfNot DR.HasRows Then
    TIDtransaksi.Text = Format(Now, "yyMMdd") +
    "0001"
Else
    If Microsoft.VisualBasic.Left(DR.Item("Id_Transaksi"), 6)
    = Format(Now, "yyMMdd") Then
        TIDtransaksi.Text =
DR.Item("Id_Transaksi") + 1
    Else
        TIDtransaksi.Text = Format(Now, "yyMMdd")
    + "0001"
    EndIf
EndIf
EndSub

Sub Kosongkan()
    TIDbarang.Clear()
    Tstokbarang.Clear()
    Tpenanggungjawab.Text = "-"
    Tketerangan.Text = "-"
    LTotalBarang.Text = 0
    LTotalHarga.Text = 0
    DGV.Columns.Clear()
    TIDtransaksi.Focus()
EndSub

Sub TampilCustomer()
    Call Koneksi()
    CMD = New SqlCommand("select * from tblCustomer
where status_Customer='AKTIF'", CONN)
    DR = CMD.ExecuteReader
    DoWhile DR.Read
        ListBox1.Items.Add(DR(0) & Space(1) & DR(1))
    Loop
EndSub

PrivateSub Keluar_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
    Me.CenterToScreen()
    Call Kosongkan()
    Call TampilCustomer()
    Call Notis()
    TIDtransaksi.Enabled = False
EndSub
```

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```
PrivateSub TanggalMasuk_KeyDown(ByVal sender As Object,  
ByVal e As System.Windows.Forms.KeyEventArgs) Handles  
TanggalMasuk_KeyDown  
If e.KeyCode = Keys.Enter Then  
    Tpenanggungjawab.Focus()  
EndIf  
EndSub
```

```
PrivateSub ListBox1_KeyDown(ByVal sender As Object, ByVal  
e As System.Windows.Forms.KeyEventArgs) Handles  
ListBox1_KeyDown  
If e.KeyCode = Keys.Enter Then  
    DGV.Focus()  
EndIf  
EndSub
```

```
Sub HitungTotal()  
Dim x As Integer  
For baris As Integer = 0 To DGV.RowCount - 1  
    x = x + DGV.Rows(baris).Cells("Keluar").Value  
Next  
    LTotalBarang.Text = x
```

```
Dim y As Integer  
For baris As Integer = 0 To DGV.RowCount - 1  
    y = y + DGV.Rows(baris).Cells("Total").Value  
Next  
    LTotalHarga.Text = y  
EndSub
```

```
PrivateSub TPenanggungjawab_KeyDown(ByVal sender As Object,  
ByVal e As System.Windows.Forms.KeyEventArgs) Handles  
TPenanggungjawab_KeyDown  
If e.KeyCode = Keys.Enter Then  
    ListBox1.Focus()  
EndIf  
EndSub
```

```
PrivateSub Tketerangan_KeyDown(ByVal sender As Object,  
ByVal e As System.Windows.Forms.KeyEventArgs) Handles  
Tketerangan_KeyDown  
If e.KeyCode = Keys.Enter Then  
    BTNSimpan.Focus()  
EndIf  
EndSub
```

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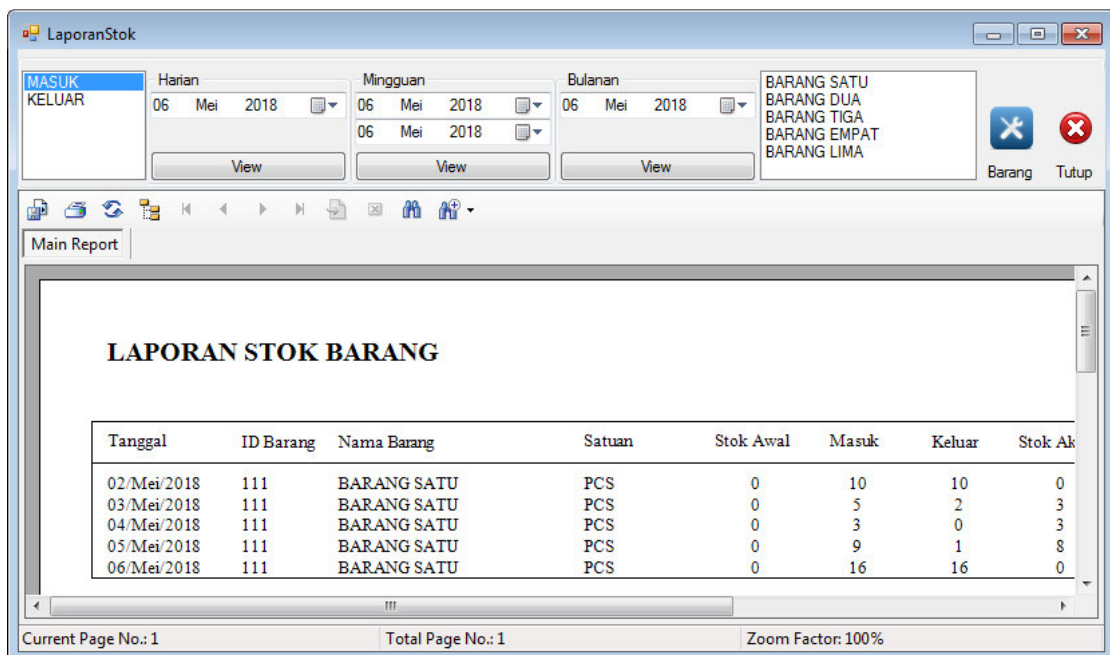
```
PrivateSub BTNBatal_Click(ByVal sender As System.Object,  
ByVal e As System.EventArgs) Handles BTNBatal.Click  
Call Kosongkan()  
TIDbarang.Focus()  
EndSub  
  
PrivateSub BTNTutup_Click(ByVal sender As System.Object,  
ByVal e As System.EventArgs) Handles BTNTutup.Click  
Me.Close()  
EndSub  
  
PrivateSub Button1_Click(ByVal sender As System.Object,  
ByVal e As System.EventArgs) Handles Button1.Click  
Masuk.Show()  
EndSub  
EndClass
```

Form laporan stok aplikasi inventori persediaan barang merode FIFO LIFO Average

No	ID_Barang	Nama_Barang	Satuan	Lokasi	Stok
1	111	BARANG SATU	PCS	RAK 1	14
2	222	BARANG DUA	BUAH	RAK2	0
3	333	BARANG TIGA	SET	RAK 3	0
4	444	BARANG EMPAT	PALLET	RAK 4	0
5	555	BARANG LIMA	DUS	RAK 5	0
Total					14

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```
Imports System.Data.SqlClient
```

```
Public Class LaporanStok
```

```
Private Sub LaporanStok_Load(ByVal sender As System.Object,  
ByVal e As System.EventArgs) Handles MyBase.Load
```

```
    ListBox1.Items.Add("MASUK")  
    ListBox1.Items.Add("KELUAR")
```

```
Call Koneksi()
```

```
    CMD = New SqlCommand("select nama_barang from  
tblbarang", CONN)
```

```
    DR = CMD.ExecuteReader
```

```
Do While DR.Read
```

```
    ListBox2.Items.Add(DR(0))
```

```
Loop
```

```
EndSub
```

```
Private Sub Button1_Click(ByVal sender As System.Object,  
ByVal e As System.EventArgs) Handles Button1.Click
```

```
    CRV.SelectionFormula = "totext({tblstok.tanggal})  
=''" & Format(DateValue(Harian.Value), "dd/MM/yyyy") & "'"
```

```
AND {tblstok.keterangan} like '*'" & ListBox1.Text & "*'"
```

```
    CRV.ReportSource = "laporan_stok.rpt"
```

```
    CRV.RefreshReport()
```

```
EndSub
```


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```
PrivateSub ListBox1_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ListBox1.SelectedIndexChanged
    CRV.SelectionFormula = "{tblstok.keterangan} like '*"& ListBox1.Text &"*'"
    CRV.ReportSource = "laporan stok.rpt"
    CRV.RefreshReport()
EndSub
```

```
PrivateSub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click
    CRV.SelectionFormula = "totext({tblstok.tanggal}) >='"& Format(DateValue(Awal.Value), "dd/MM/yyyy") &"' AND totext({tblstok.tanggal}) <='"& Format(DateValue(Akhir.Value), "dd/MM/yyyy") &"' AND {tblstok.keterangan} like '*"& ListBox1.Text &"*'"
    CRV.ReportSource = "laporan stok.rpt"
    CRV.RefreshReport()
EndSub
```

```
PrivateSub Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click
    CRV.SelectionFormula = "MONTH({tblstok.tanggal}) =("& Month(Awal.Value) &") AND YEAR({tblstok.tanggal}) =("& Year(Akhir.Value) &") AND {tblstok.keterangan} like '*"& ListBox1.Text &"*'"
    CRV.ReportSource = "laporan stok.rpt"
    CRV.RefreshReport()
EndSub
```

```
PrivateSub ListBox2_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ListBox2.SelectedIndexChanged
    CRV.SelectionFormula = "{tblBARANG.nama_barang}='"& ListBox2.Text &"' AND {tblstok.keterangan} like '*"& ListBox1.Text &"*'"
    CRV.ReportSource = "laporan stok.rpt"
    CRV.RefreshReport()
EndSub
```

```
PrivateSub Button4_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button4.Click
    CRV.ReportSource = "barang.rpt"
    CRV.RefreshReport()
EndSub
```

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```
PrivateSub BTNTutup_Click(ByVal sender As System.Object,  
ByVal e As System.EventArgs) Handles BTNTutup.Click  
Me.Close()  
EndSub  
EndClass
```