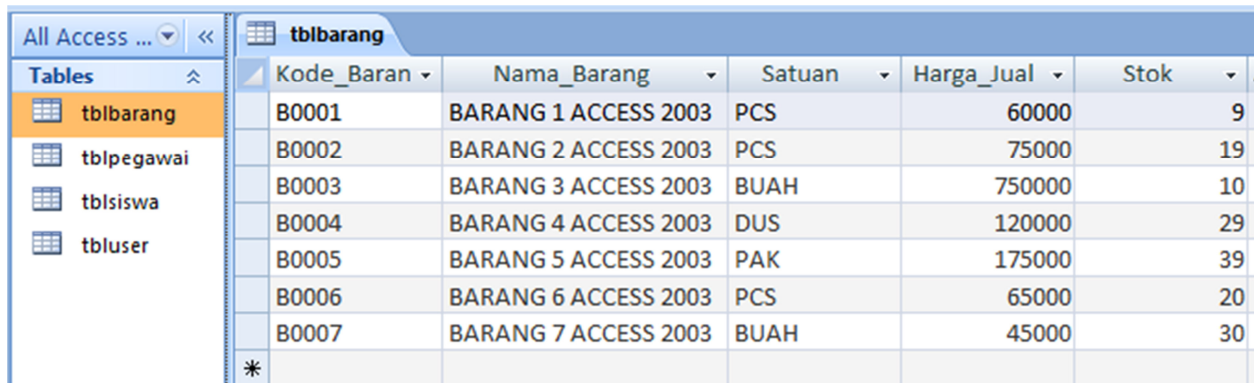


Cara Koneksi VB.Net Dengan Database Access Mysql Excel Sql Server

1. cara koneksi vb.net dengan database access 2003

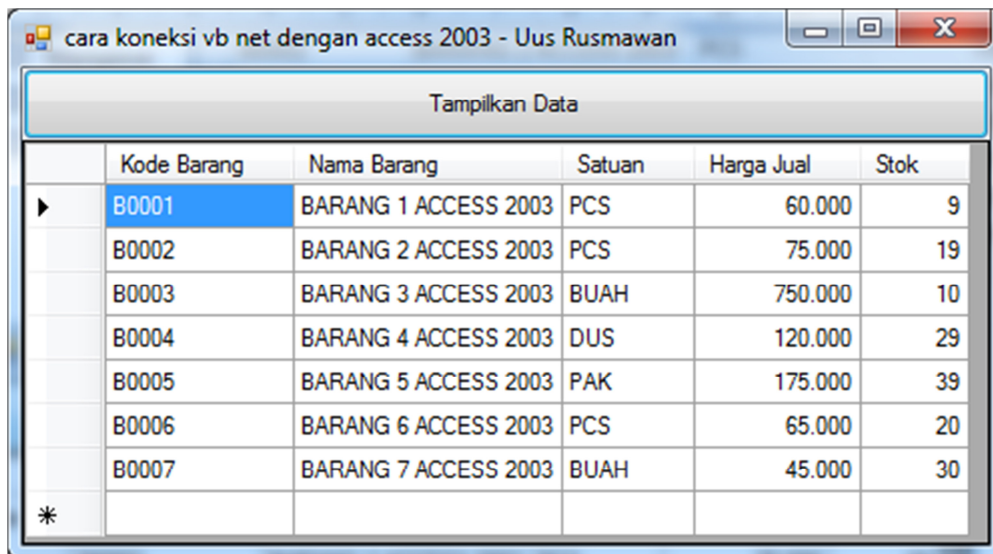
langkah - langkah pembuatan :

- membuat dan menyimpan project vb.net
- membuat database dan simpan di folder debug project
- membuat tabel-tabel
- membuat form
- membuat coding



The screenshot shows the Microsoft Access interface. On the left, the 'Tables' pane lists 'tblbarang', 'tblpegawai', 'tblsiswa', and 'tbluser'. The main window displays the 'tblbarang' table with the following data:

Kode_Baran	Nama_Barang	Satuan	Harga_Jual	Stok
B0001	BARANG 1 ACCESS 2003	PCS	60000	9
B0002	BARANG 2 ACCESS 2003	PCS	75000	19
B0003	BARANG 3 ACCESS 2003	BUAH	750000	10
B0004	BARANG 4 ACCESS 2003	DUS	120000	29
B0005	BARANG 5 ACCESS 2003	PAK	175000	39
B0006	BARANG 6 ACCESS 2003	PCS	65000	20
B0007	BARANG 7 ACCESS 2003	BUAH	45000	30
*				



The screenshot shows a VB.Net application window titled 'cara koneksi vb net dengan access 2003 - Uus Rusmawan'. The window contains a 'Tampilkan Data' (Display Data) button and a data grid with the following data:

Kode Barang	Nama Barang	Satuan	Harga Jual	Stok
B0001	BARANG 1 ACCESS 2003	PCS	60.000	9
B0002	BARANG 2 ACCESS 2003	PCS	75.000	19
B0003	BARANG 3 ACCESS 2003	BUAH	750.000	10
B0004	BARANG 4 ACCESS 2003	DUS	120.000	29
B0005	BARANG 5 ACCESS 2003	PAK	175.000	39
B0006	BARANG 6 ACCESS 2003	PCS	65.000	20
B0007	BARANG 7 ACCESS 2003	BUAH	45.000	30
*				

```
Imports System.Data.OleDb
```

```
Public Class cara_koneksi_access2003
```

```
    Dim conn As OleDbConnection
```

```
    Dim da As OleDbDataAdapter
```

```
    Dim ds As DataSet
```

```
    Sub koneksidb()
```

```
        conn = New
```

```
OleDbConnection("provider=microsoft.jet.oledb.4.0;data  
source=dbaccess2003.mdb")
```

```
        conn.Open()
```

```
    End Sub
```

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

```
        Call koneksidb()
```

```
        da = New OleDbDataAdapter("select * from tblbarang",  
conn)
```

```
        ds = New DataSet
```

```
        da.Fill(ds)
```

```
        dgv.DataSource = ds.Tables(0)
```

```
        dgv.ReadOnly = True
```

```
        'format angka ribuan
```

```
dgv.Columns("harga_jual").DefaultCellStyle.Format =  
"#,0"
```

```
dgv.Columns("stok").DefaultCellStyle.Format = "#,0"
```

```
        'format posisi rata kanan
```

```
dgv.Columns("Harga_jual").DefaultCellStyle.Alignment =  
DataGridViewContentAlignment.MiddleRight
```

```
dgv.Columns("stok").DefaultCellStyle.Alignment =  
DataGridViewContentAlignment.MiddleRight
```

```
        'format judul kolom
```

```
dgv.Columns(0).HeaderText = "Kode Barang"
```

```
dgv.Columns(1).HeaderText = "Nama Barang"
```

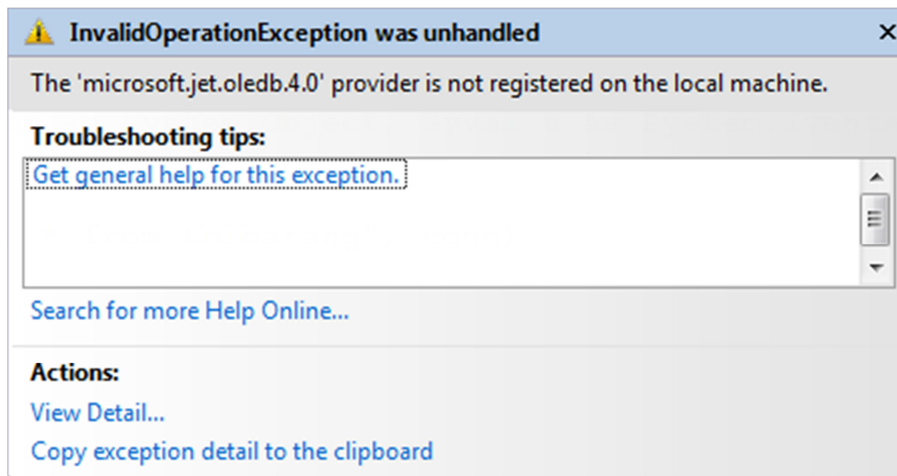
```
'dgv.Columns(2).HeaderText = "Satuan"
```

```
dgv.Columns(3).HeaderText = "Harga Jual"
```

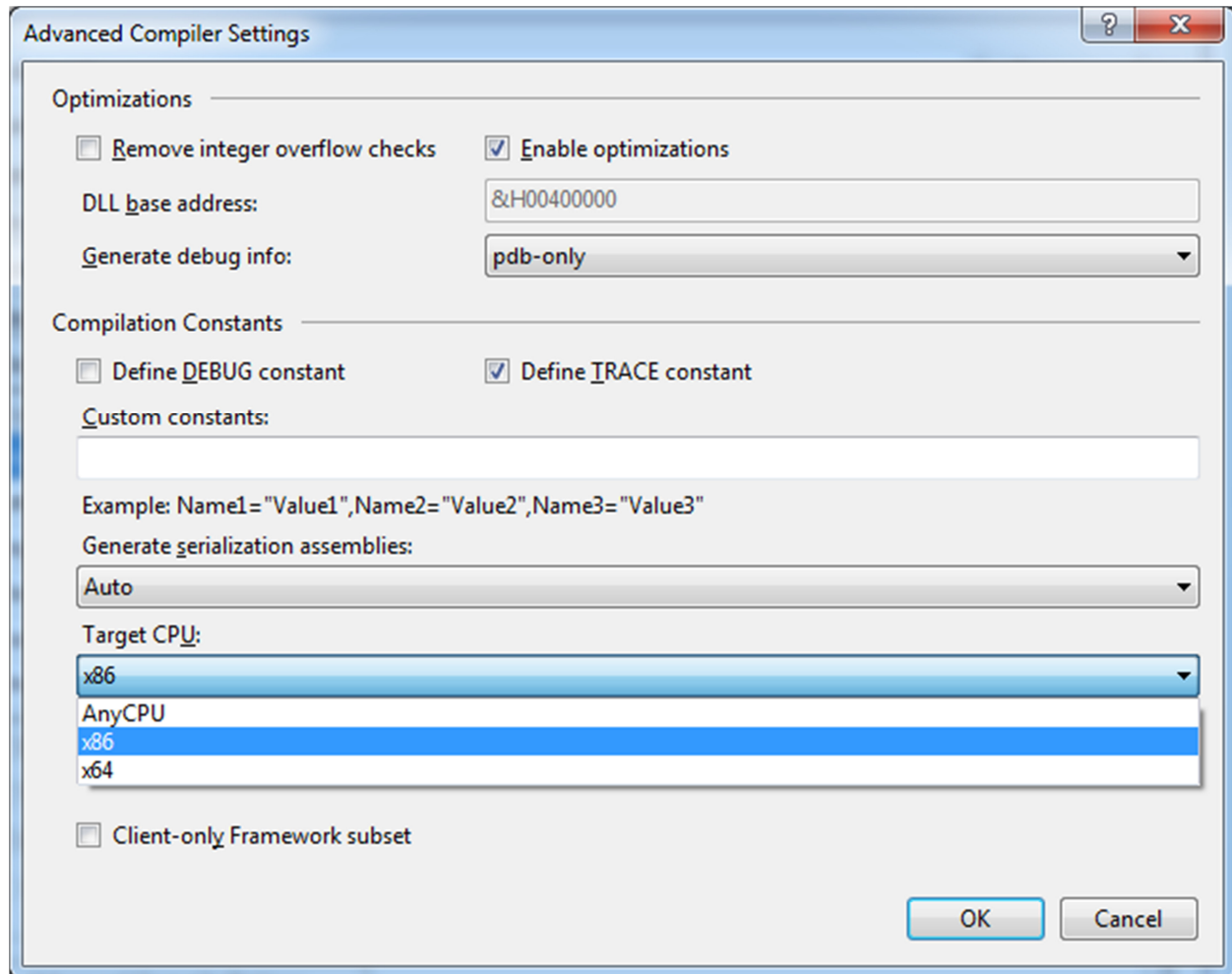
```
'dgv.Columns(5).HeaderText = "Stok"
```

```
        dgv.AutoSizeColumnsMode =  
DataGridViewAutoSizeColumnsMode.DisplayedCells  
    End Sub  
  
    Private Sub cara_koneksi_access2003_Load(ByVal sender As  
System.Object, ByVal e As System.EventArgs) Handles MyBase.Load  
        Me.CenterToScreen()  
    End Sub  
End Class
```

jika terjadi error :



salah satu solusinya adalah mengubah target framework menjadi x86, caranya : klik menu project>>proterties >> compile >> advanced compile >> target cpu >> ubah menjadi x86 >> ok >> simpan project >> run kembali project.



2. cara koneksi vb.net dengan database access 2007 atau 2010

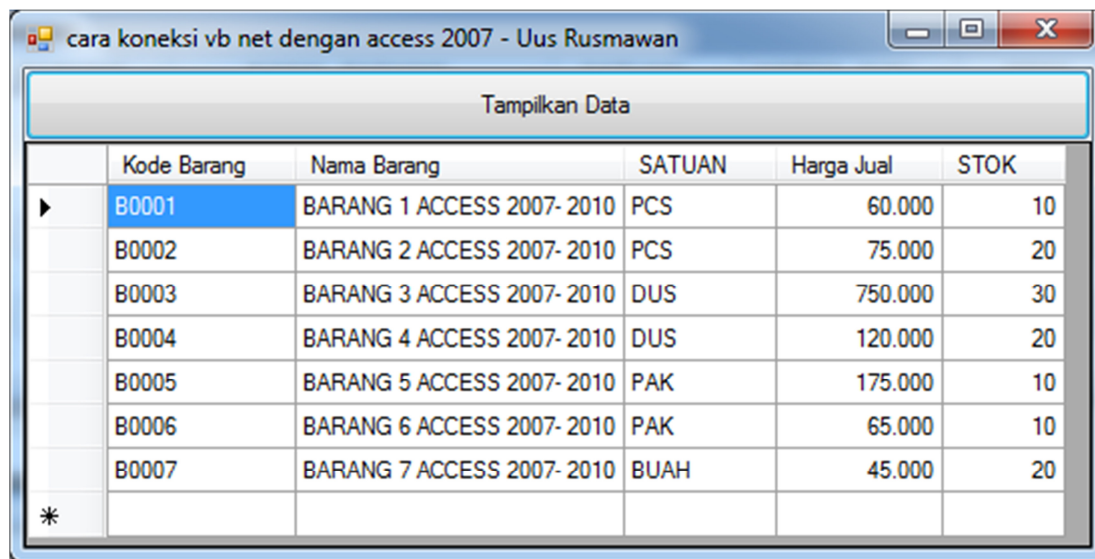
langkah - langkah pembuatan :

- a. membuat dan menyimpan project vb.net
- b. membuat database simpan di folder debug project
- c. membuat tabel-tabel
- d. membuat form
- e. membuat coding



The screenshot shows the Microsoft Access interface with the 'TBLBARANG' table selected. The table structure is as follows:

KODE_BARANG	NAMA_BARANG	SATUAN	HARGA_JUAL	STOK
B0001	BARANG 1 ACCESS 2007- 2010	PCS	60000	10
B0002	BARANG 2 ACCESS 2007- 2010	PCS	75000	20
B0003	BARANG 3 ACCESS 2007- 2010	DUS	750000	30
B0004	BARANG 4 ACCESS 2007- 2010	DUS	120000	20
B0005	BARANG 5 ACCESS 2007- 2010	PAK	175000	10
B0006	BARANG 6 ACCESS 2007- 2010	PAK	65000	10
B0007	BARANG 7 ACCESS 2007- 2010	BUAH	45000	20



The screenshot shows a VB.NET application window titled 'cara koneksi vb net dengan access 2007 - Uus Rusmawan'. The window contains a data grid with the following data:

Kode Barang	Nama Barang	SATUAN	Harga Jual	STOK
B0001	BARANG 1 ACCESS 2007- 2010	PCS	60.000	10
B0002	BARANG 2 ACCESS 2007- 2010	PCS	75.000	20
B0003	BARANG 3 ACCESS 2007- 2010	DUS	750.000	30
B0004	BARANG 4 ACCESS 2007- 2010	DUS	120.000	20
B0005	BARANG 5 ACCESS 2007- 2010	PAK	175.000	10
B0006	BARANG 6 ACCESS 2007- 2010	PAK	65.000	10
B0007	BARANG 7 ACCESS 2007- 2010	BUAH	45.000	20

```
Imports System.Data.OleDb
```

```
Public Class cara_koneksi_access2007
```

```
    Dim conn As OleDbConnection
```

```
    Dim da As OleDbDataAdapter
```

```
    Dim ds As DataSet
```

```
    Sub koneksidb()
```

```
        conn = New
```

```
OleDbConnection("provider=microsoft.ace.oledb.12.0;data  
source=dbaccess2007.accdb")
```

```
        conn.Open()
```

```
    End Sub
```

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

```
        Call koneksidb()
```

```
conn)
    da = New OleDbDataAdapter("select * from tblbarang",
    ds = New DataSet
    da.Fill(ds)
    dgv.DataSource = ds.Tables(0)
    dgv.ReadOnly = True

    'format angka ribuan
    dgv.Columns("harga_jual").DefaultCellStyle.Format =
"#,0"
    dgv.Columns("stok").DefaultCellStyle.Format = "#,0"

    'format posisi rata kanan
    dgv.Columns("Harga_jual").DefaultCellStyle.Alignment =
DataGridViewContentAlignment.MiddleRight
    dgv.Columns("stok").DefaultCellStyle.Alignment =
DataGridViewContentAlignment.MiddleRight

    'format judul kolom
    dgv.Columns(0).HeaderText = "Kode Barang"
    dgv.Columns(1).HeaderText = "Nama Barang"
    'dgv.Columns(2).HeaderText = "Satuan"
    dgv.Columns(3).HeaderText = "Harga Jual"
    'dgv.Columns(4).HeaderText = "Stok"

    dgv.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.DisplayedCells
End Sub

Private Sub cara_koneksi_access2003_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    Me.CenterToScreen()
End Sub
End Class
```

3. cara koneksi vb.net dengan database mysql

langkah - langkah pembuatan :

- membuat dan menyimpan project vb.net
- membuat database dan tabel
- membuat DSN (data source name) atau ODBC (Open database connectivity). cara membuat DSN lihat disini :
<https://belajarvb.net/cara-membuat-dsn-odbc-database-mysql.php>
- membuat form
- membuat coding

+ Options

	KODE_BARANG	NAMA_BARANG	SATUAN	HARGA_JUAL	STOK
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	B0001	BARANG 1 MYSQL	PCS	10000	10
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	B0002	BARANG 2 MYSQL	PCS	20000	20
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	B0003	BARANG 3 MYSQL	BUAH	30000	10
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	B0004	BARANG 4 MYSQL	DUS	40000	30
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	B0005	BARANG 5 MYSQL	PAK	50000	40
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	B0006	BARANG 6 MYSQL	PCS	65000	20
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	B0007	BARANG 7 MYSQL	BUAH	45000	30

	Kode Barang	Nama Barang	SATUAN	Harga Jual	STOK
▶	B0001	BARANG 1 MYSQL	PCS	10.000	10
	B0002	BARANG 2 MYSQL	PCS	20.000	20
	B0003	BARANG 3 MYSQL	BUAH	30.000	10
	B0004	BARANG 4 MYSQL	DUS	40.000	30
	B0005	BARANG 5 MYSQL	PAK	50.000	40
	B0006	BARANG 6 MYSQL	PCS	65.000	20
	B0007	BARANG 7 MYSQL	BUAH	45.000	30
*					

catatan :

- harus instal xampp
- harus run apache dan mysql dari xampp control panel
- harus instal driver ODBC (berbagai versi)
- pada tutorial ini nama DSN adalah "koneksi mysql"

```
Imports System.Data.Odbc
```

```
Public Class cara_koneksi_mysql
```

```
    Dim conn As OdbcConnection
```

```
    Dim da As OdbcDataAdapter
```

```
    Dim ds As DataSet
```

```
    Sub koneksidb()
```

```
        conn = New OdbcConnection("dsn=koneksi mysql")
```

```
        conn.Open()
```

```
    End Sub
```

```
    Private Sub Button1_Click(ByVal sender As System.Object,
```

```
ByVal e As System.EventArgs) Handles Button1.Click
```

```
        Try
```

```
            Call koneksidb()
```

```
            da = New OdbcDataAdapter("select * from tblbarang",  
conn)
```

```
            ds = New DataSet
```

```
            da.Fill(ds)
```

```
            dgv.DataSource = ds.Tables(0)
```

```
            dgv.ReadOnly = True
```

```
            'format angka ribuan
```

```
            dgv.Columns("harga_jual").DefaultCellStyle.Format =  
"#,0"
```

```
            dgv.Columns("stok").DefaultCellStyle.Format = "#,0"
```

```
            'format posisi rata kanan
```

```
            dgv.Columns("Harga_jual").DefaultCellStyle.Alignment  
= DataGridViewContentAlignment.MiddleRight
```

```
            dgv.Columns("stok").DefaultCellStyle.Alignment =  
DataGridViewContentAlignment.MiddleRight
```

```
            'format judul kolom
```

```
            dgv.Columns(0).HeaderText = "Kode Barang"
```

```
            dgv.Columns(1).HeaderText = "Nama Barang"
```

```
            'dgv.Columns(2).HeaderText = "Satuan"
```

```
            dgv.Columns(3).HeaderText = "Harga Jual"
```

```
            'dgv.Columns(4).HeaderText = "Stok"
```



```
        dgv.AutoSizeColumnsMode =  
DataGridViewAutoSizeColumnsMode.DisplayedCells  
        Catch ex As Exception  
            MsgBox("ada kesalahan, apakah xampp sudah  
dijalankan..?")  
  
        End Try  
    End Sub  
  
    Private Sub cara_koneksi_access2003_Load(ByVal sender As  
System.Object, ByVal e As System.EventArgs) Handles MyBase.Load  
        Me.CenterToScreen()  
    End Sub  
End Class
```

4. cara koneksi vb.net dengan database sql server

langkah - langkah pembuatan :

- membuat dan menyimpan project vb.net
- membuat database dan tabel
- membuat form
- membuat coding

	KODE_BARANG	NAMA_BARANG	SATUAN	HARGA_JUAL	STOK
▶	B0001	BARANG 1 SQL SERVER	DUS	10000	97
	B0002	BARANG 2 SQL SERVER	PAK	20000	98
	B0003	BARANG 3 SQL SERVER	PCS	30000	96
	B0004	BARANG 4 SQL SERVER	PCS	40000	97
	B0005	BARANG 5 SQL SERVER	PCS	50000	97

	Kode Barang	Nama Barang	SATUAN	Harga Jual	STOK
▶	B0001	BARANG 1 SQL SERVER	DUS	10.000	97
	B0002	BARANG 2 SQL SERVER	PAK	20.000	98
	B0003	BARANG 3 SQL SERVER	PCS	30.000	96
	B0004	BARANG 4 SQL SERVER	PCS	40.000	97
	B0005	BARANG 5 SQL SERVER	PCS	50.000	97
*					

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

```
Public Class cara_koneksi_sqlserver
```

```
    Dim conn As SqlConnection
```

```
    Dim da As SqlDataAdapter
```

```
    Dim ds As DataSet
```

```
    Sub koneksidb()  
        'tidak menggunakan password  
        conn = New SqlConnection("data  
source=.\sqlexpress;initial catalog=dbpenjualan;integrated  
security=true")  
  
        'jika sql server menggunakan password  
        'conn = New SqlConnection("data  
source=.\sqlexpress;initial  
catalog=dbpenjualan;UID=sa;password=123")  
        conn.Open()  
    End Sub
```

```
    Private Sub Button1_Click(ByVal sender As System.Object,  
ByVal e As System.EventArgs) Handles Button1.Click  
        Call koneksidb()  
        da = New SqlDataAdapter("select * from tblbarang", conn)  
        ds = New DataSet  
        da.Fill(ds)  
        dgv.DataSource = ds.Tables(0)  
        dgv.ReadOnly = True
```

```
'format angka ribuan
dgv.Columns("harga_jual").DefaultCellStyle.Format =
"#,0"
dgv.Columns("stok").DefaultCellStyle.Format = "#,0"

'format posisi rata kanan
dgv.Columns("Harga_jual").DefaultCellStyle.Alignment =
DataGridViewContentAlignment.MiddleRight
dgv.Columns("stok").DefaultCellStyle.Alignment =
DataGridViewContentAlignment.MiddleRight

'format judul kolom
dgv.Columns(0).HeaderText = "Kode Barang"
dgv.Columns(1).HeaderText = "Nama Barang"
'dgv.Columns(2).HeaderText = "Satuan"
dgv.Columns(3).HeaderText = "Harga Jual"
'dgv.Columns(4).HeaderText = "Stok"

dgv.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.DisplayedCells
End Sub

Private Sub cara_koneksi_sqlserver_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
Me.CenterToScreen()
End Sub
End Class
```

5. cara koneksi vb.net dengan excel

langkah - langkah pembuatan :

- a. membuat dan menyimpan project vb.net
- b. membuat data excel simpan di folder debug project
- c. membuat form
- d. membuat coding

	A	B	C	D	E
1	Kode_Barang	Nama_Barang	Satuan	Harga_Jual	Stok
2	B0001	TAS	PCS	75000	10
3	B0002	PENGGARIS	PAK	50000	20
4	B0003	BUKU	DUS	60000	30
5	B0004	PENGHAPUS	BUAH	5000	40
6	B0005	PULPEN	PCS	5000	50

	Kode Barang	Nama Barang	Satuan	Harga Jual	Stok
▶	B0001	TAS	PCS	75.000	10
	B0002	PENGGARIS	PAK	50.000	20
	B0003	BUKU	DUS	60.000	30
	B0004	PENGHAPUS	BUAH	5.000	40
	B0005	PULPEN	PCS	5.000	50
*					

```
Imports System.Data.OleDb
```

```
Public Class cara_koneksi_excel
```

```
    Dim conn As OleDbConnection
```

```
    Dim da As OleDbDataAdapter
```

```
    Dim ds As DataSet
```

```
    Sub koneksidb()
```

```
        conn = New
```

```
OleDbConnection("provider=Microsoft.ace.OLEDB.12.0;data  
source=BOOK1.XLSX;Extended Properties=Excel 8.0;")
```

```
        conn.Open()
```

```
    End Sub
```

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

```
        Call koneksidb()
```

```
conn)
    da = New OleDbDataAdapter("select * from [SHEET1$]",
    ds = New DataSet
    da.Fill(ds)
    dgv.DataSource = ds.Tables(0)
    dgv.ReadOnly = True

    'format angka ribuan
    dgv.Columns("harga_jual").DefaultCellStyle.Format =
"#,0"
    dgv.Columns("stok").DefaultCellStyle.Format = "#,0"

    'format posisi rata kanan
    dgv.Columns("Harga_jual").DefaultCellStyle.Alignment =
DataGridViewContentAlignment.MiddleRight
    dgv.Columns("stok").DefaultCellStyle.Alignment =
DataGridViewContentAlignment.MiddleRight

    'format judul kolom
    dgv.Columns(0).HeaderText = "Kode Barang"
    dgv.Columns(1).HeaderText = "Nama Barang"
    'dgv.Columns(2).HeaderText = "Satuan"
    dgv.Columns(3).HeaderText = "Harga Jual"
    'dgv.Columns(4).HeaderText = "Stok"

    dgv.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.DisplayedCells
End Sub

Private Sub cara_koneksi_access2003_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    Me.CenterToScreen()
End Sub
End Class
```