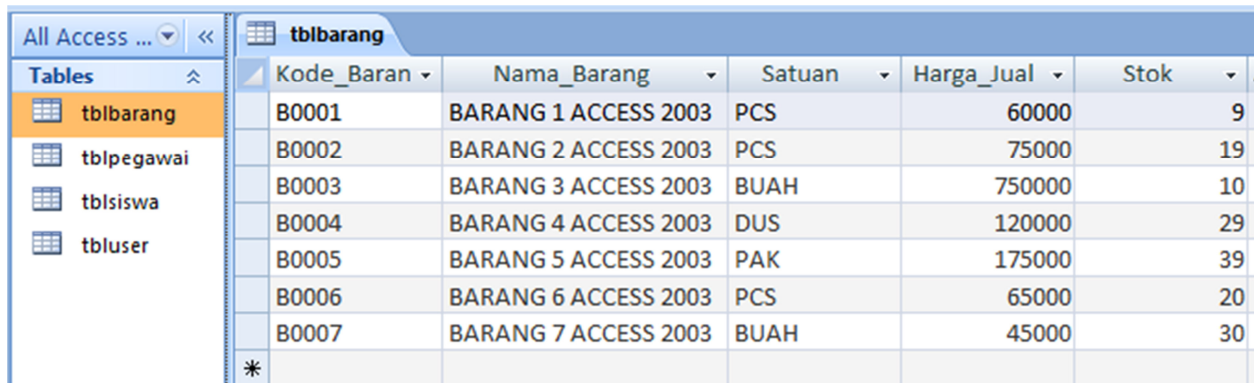## Cara Koneksi VB.Net Dengan Database Access Mysql Excel Sql Server

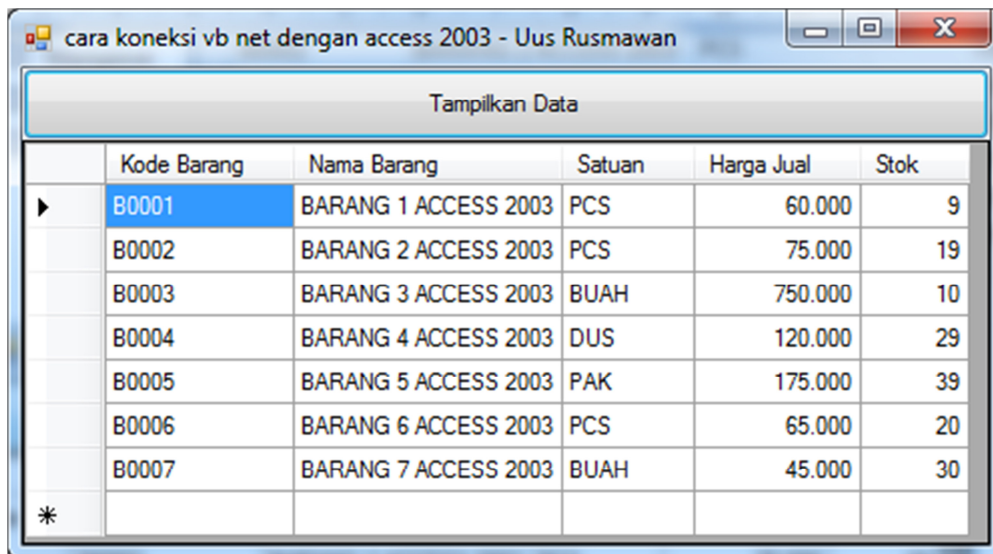| |
|---|
| 1. cara koneksi vb.net dengan database access 2003 |

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

```vb
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 :
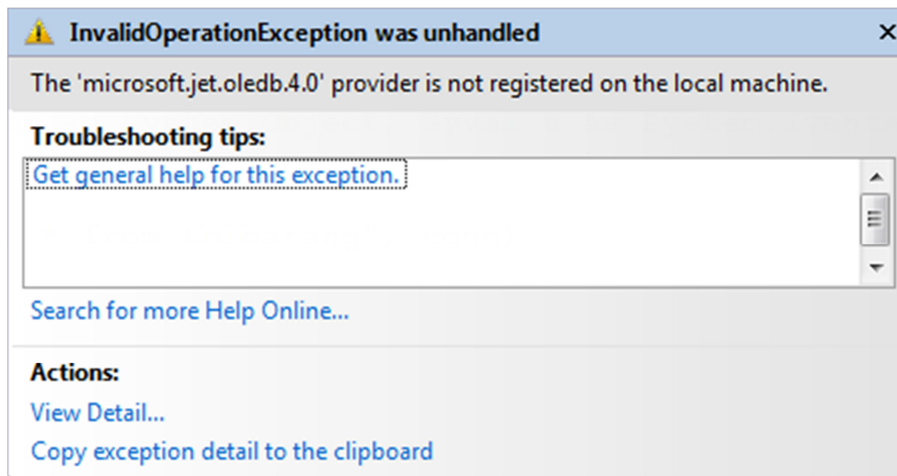
salah satu solusinya adalah mengubah target framework menjadi x86, caranya : klik menu project>> ......proterties >> compile >> advanced compile >> target cpu >> ubah menjadi x86 >> ok >> simpan project >> run kembali project.
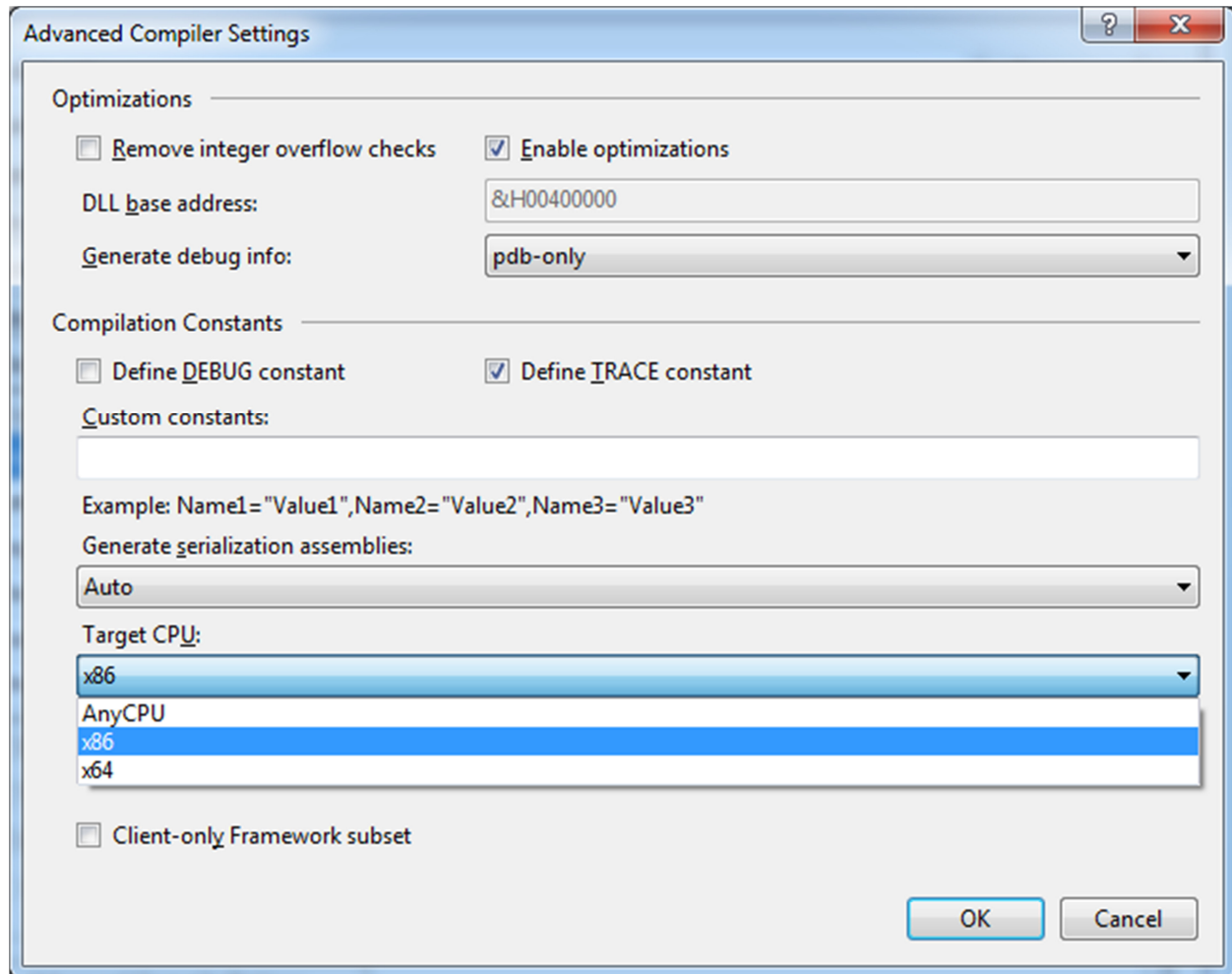
2. cara koneksi vb.net dengan database access 2007 atau 2010
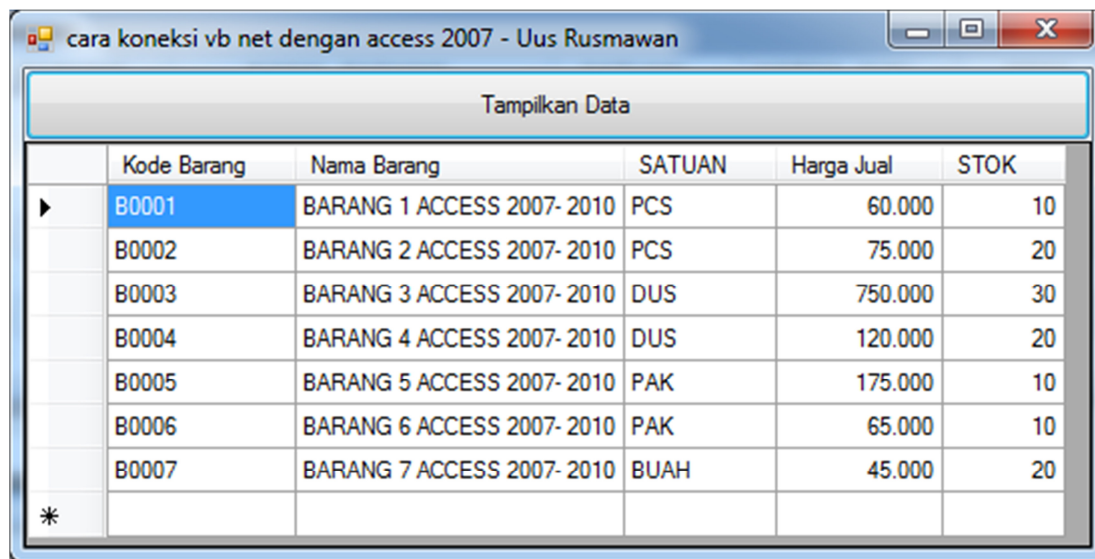
langkah - langkah pembuatan :
a.   membuat dan menyimpan project vb.net
b.   membuat database simpan di folder debug project
c.   membuat tabel-tabel
d.   membuat form
e.   membuat coding

```vbnet
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()
```

```vbnet
        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(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 :
a.   membuat dan menyimpan project vb.net
b.   membuat database dan tabel
c.   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
d.   membuat form
e.   membuat coding

+ Options

	KODE_BARANG	NAMA_BARANG	SATUAN	HARGA_JUAL	STOK
☐ 🖉 Edit ⊷ Copy ⊖ Delete	B0001	BARANG 1 MYSQL	PCS	10000	10
☐ 🖉 Edit ⊷ Copy ⊖ Delete	B0002	BARANG 2 MYSQL	PCS	20000	20
☐ 🖉 Edit ⊷ Copy ⊖ Delete	B0003	BARANG 3 MYSQL	BUAH	30000	10
☐ 🖉 Edit ⊷ Copy ⊖ Delete	B0004	BARANG 4 MYSQL	DUS	40000	30
☐ 🖉 Edit ⊷ Copy ⊖ Delete	B0005	BARANG 5 MYSQL	PAK	50000	40
☐ 🖉 Edit ⊷ Copy ⊖ Delete	B0006	BARANG 6 MYSQL	PCS	65000	20
☐ 🖉 Edit ⊷ Copy ⊖ Delete	B0007	BARANG 7 MYSQL	BUAH	45000	30

cara koneksi vb net dengan mysql - Uus Rusmawan

Tampilkan Data

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 :
1. harus instal xampp
2. harus run apache dan mysql dari xampp control panel
3. harus instal driver ODBC (berbagai versi)
4. pada tutorial ini nama DSN adalah "koneksi mysql"

```vbnet
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 :
a.   membuat dan menyimpan project vb.net
b.   membuat database dan tabel
c.   membuat form
d.   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

```vb
Imports System.Data.SqlClient

Public Class cara_koneksi_sqlserver

    Dim conn As SqlConnection
    Dim da As SqlDataAdapter
    Dim ds As DataSet
```

```vb
    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
```

```vb
    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
```

```vb
        '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

```vbnet
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()
```

```vbnet
        da = New OleDbDataAdapter("select * from [SHEET1$]",
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_access2003_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        Me.CenterToScreen()
    End Sub
End Class
```