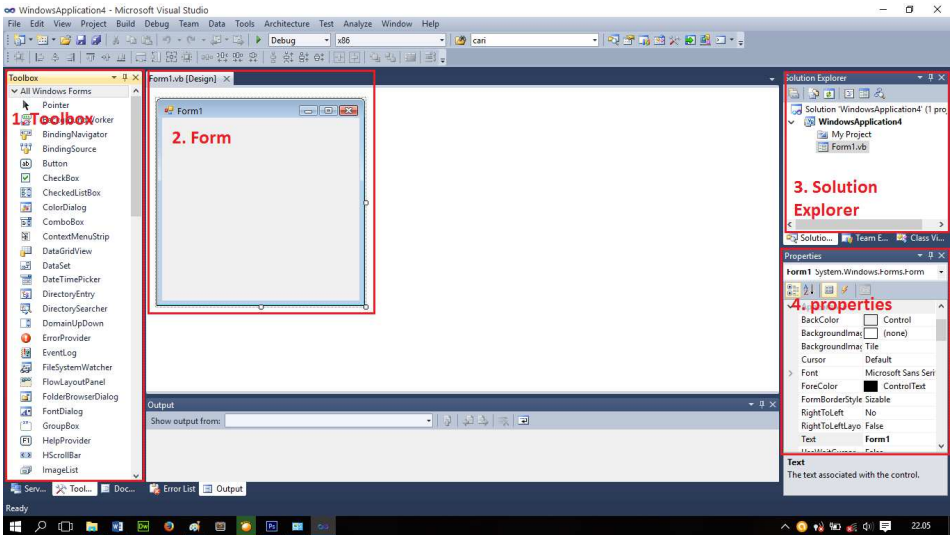


BAB II

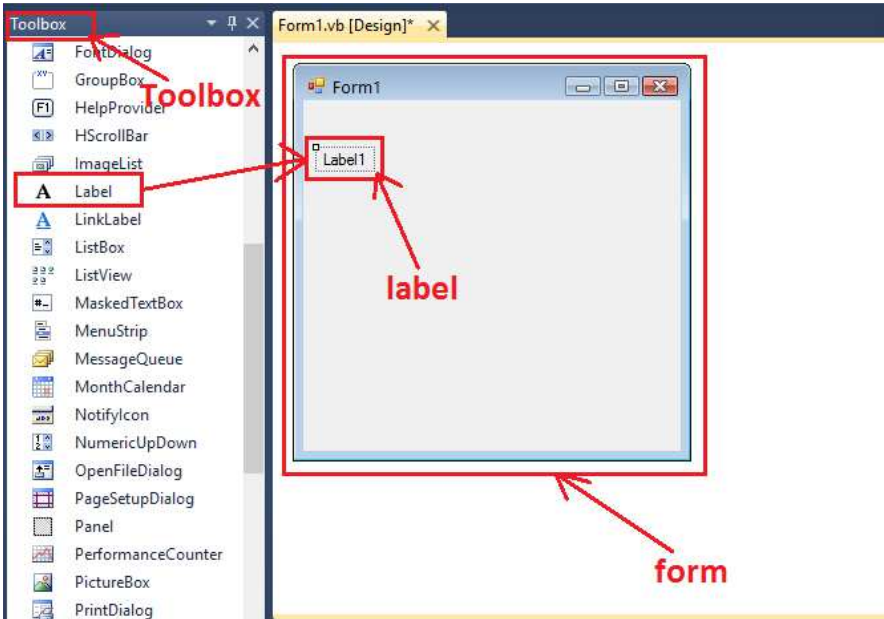
MEMBUAT FORM DATA BARANG

Setelah Project VB.NET disimpan maka akan tampil layar seperti dibawah ini :

1. Antar Muka Visual Basic Net (VB Net)

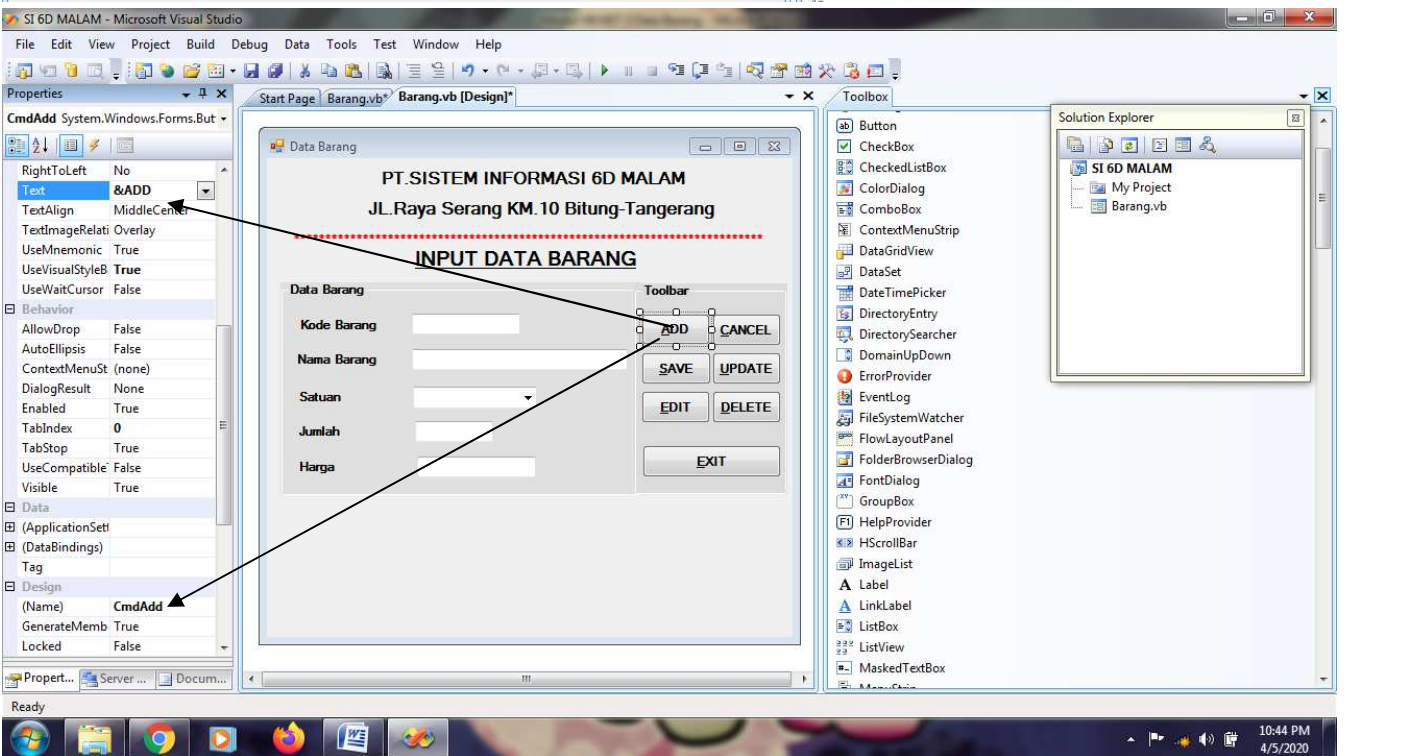
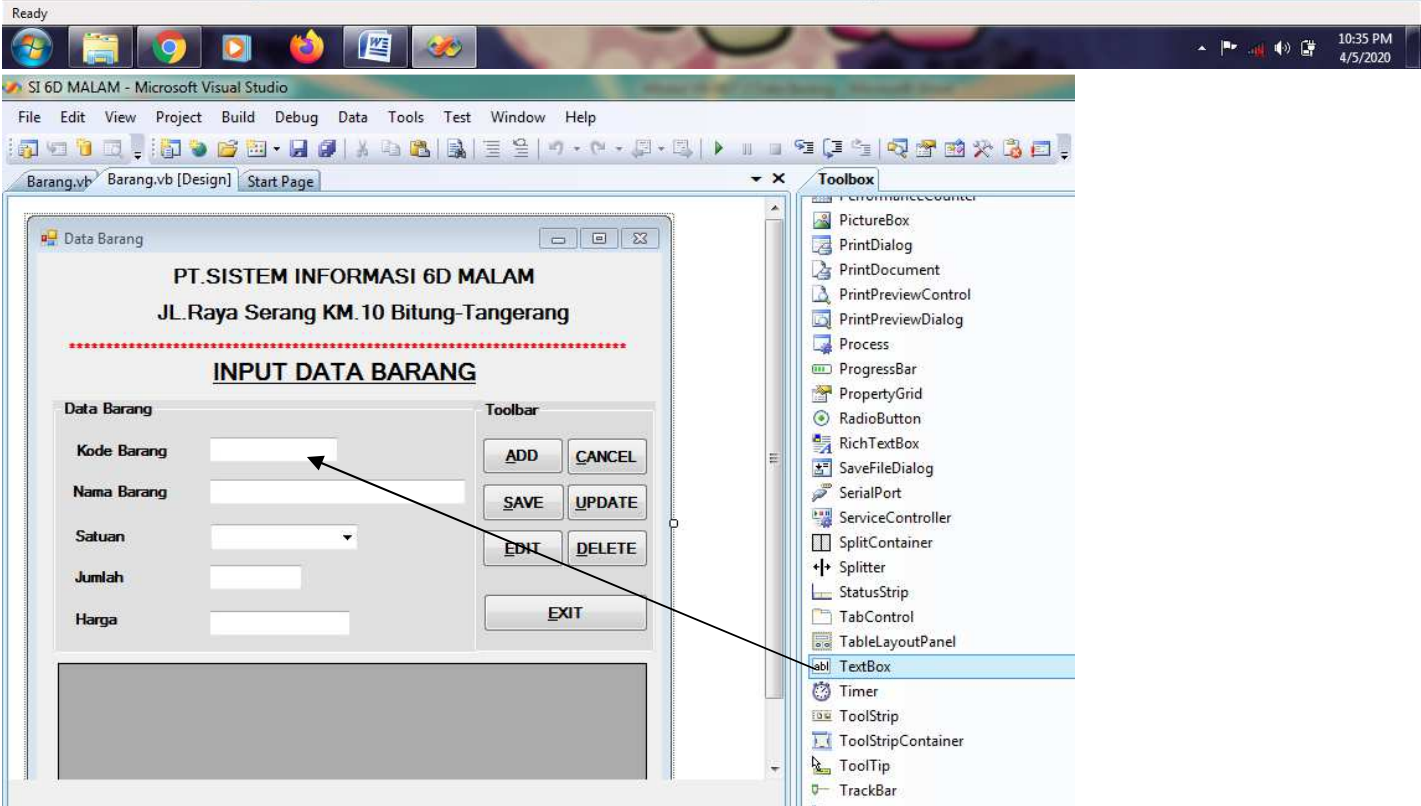
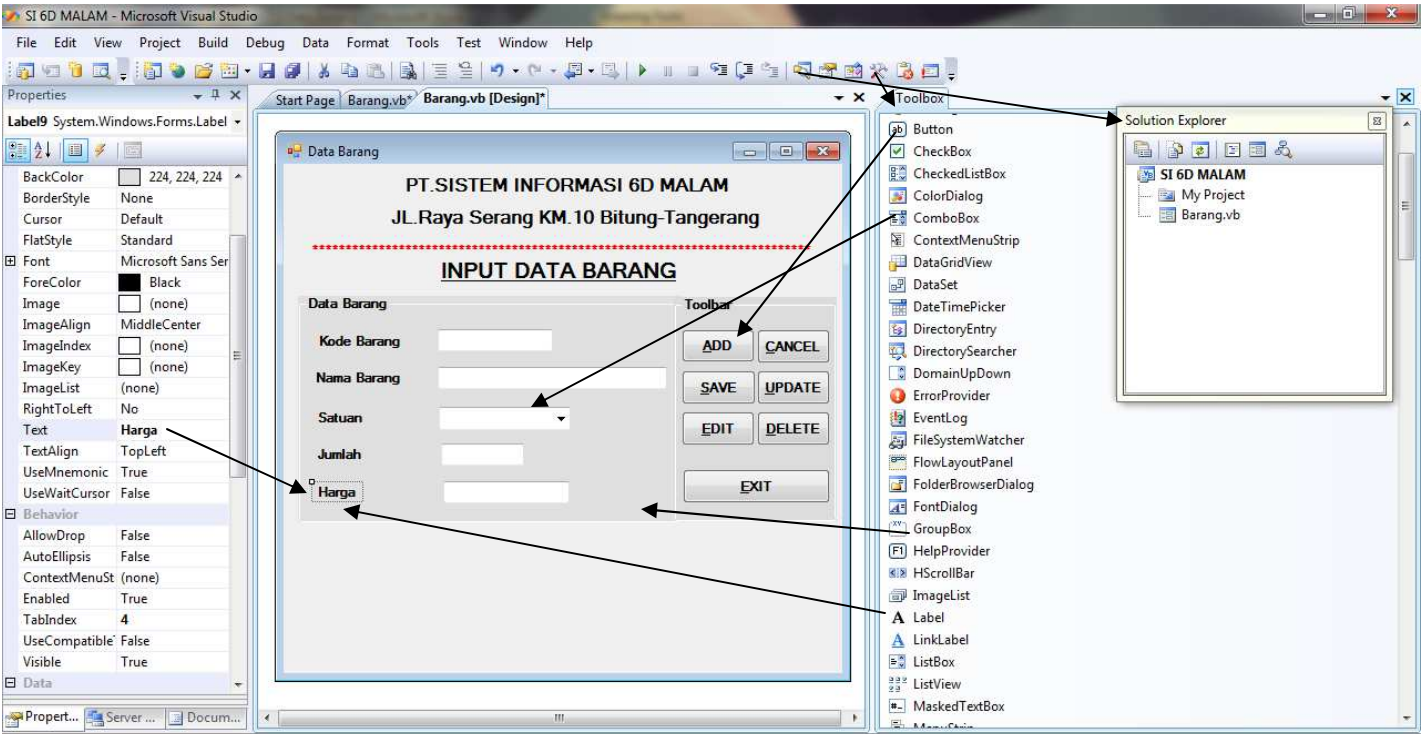


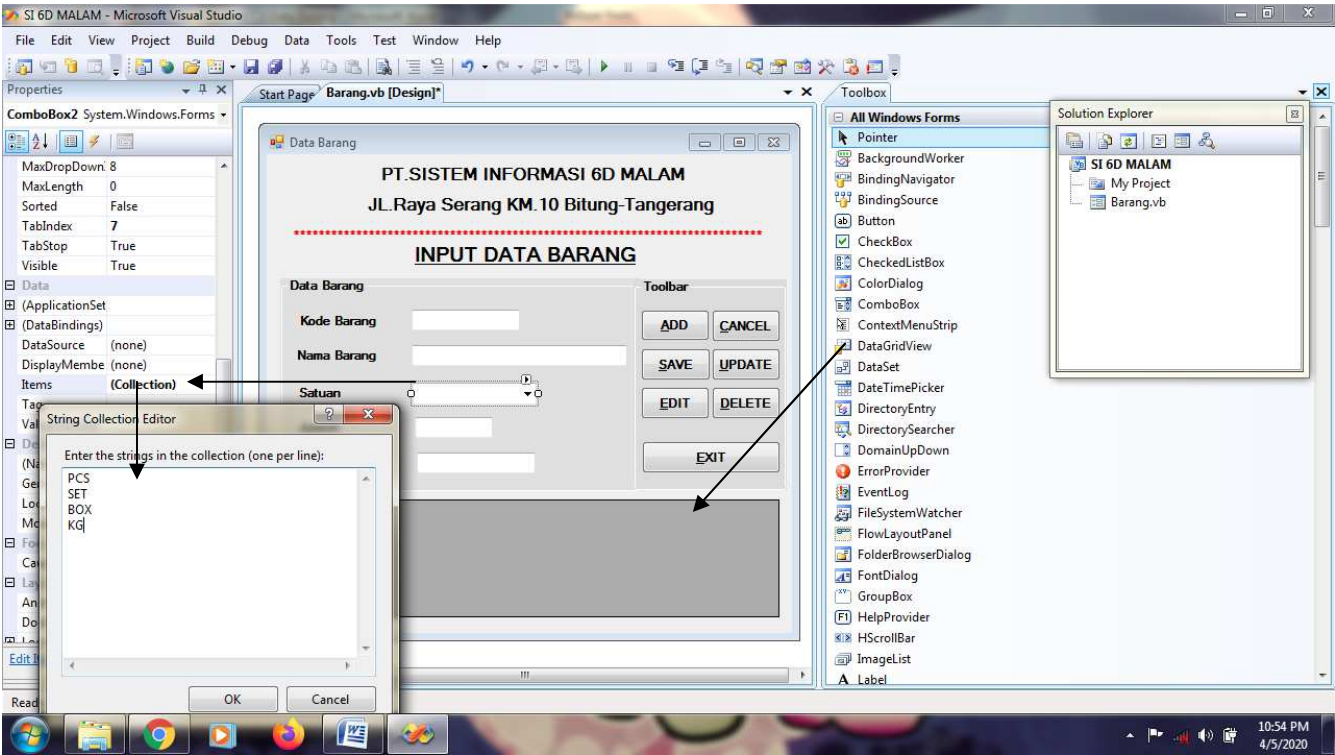
2. Kemudian silahkan anda tambahkan sebuah “Label” pada form anda, dengan cara : pada “Toolbox” yang ada di samping kiri project anda, silahkan anda cari “Label”, kemudian tempatkan “Label” tersebut pada “Form” yang ada pada bagian tengah project anda. Kurang lebih langkahnya seperti gambar berikut :



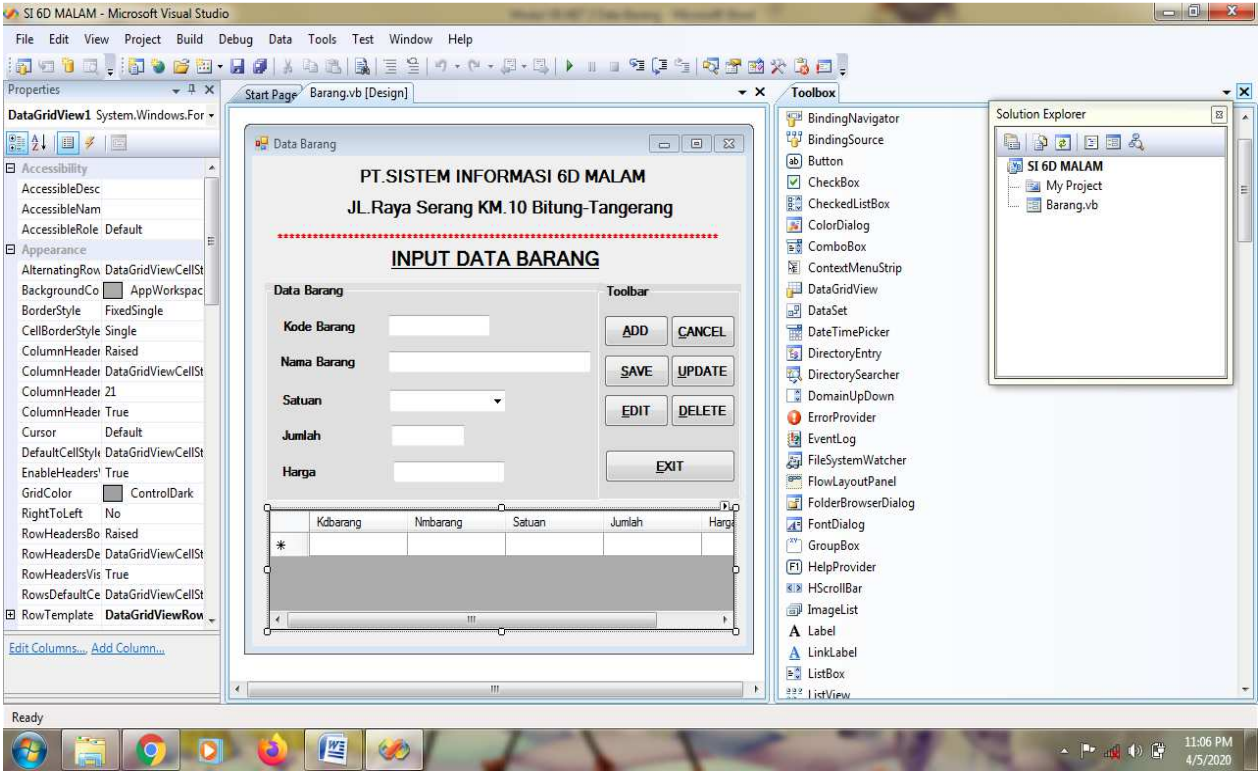
3. Kemudian, silahkan anda ganti tulisan “Label” pada form anda sesuai keinginan anda. Misalnya diganti menjadi “Nama”. Caranya : silahkan anda klik sekali “Label” pada “form” anda tadi, kemudian pada properties, silahkan anda ganti pada bagian “Text” menjadi “Nama”. Kurang lebih seperti gambar berikut :



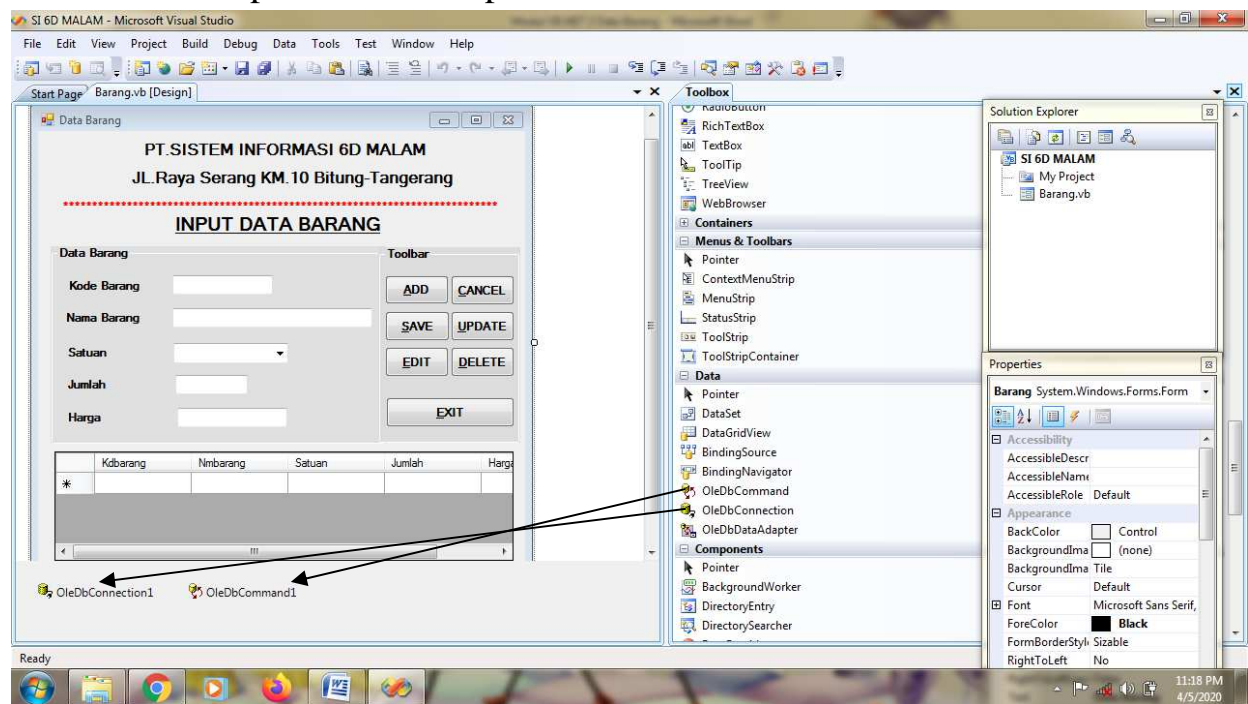




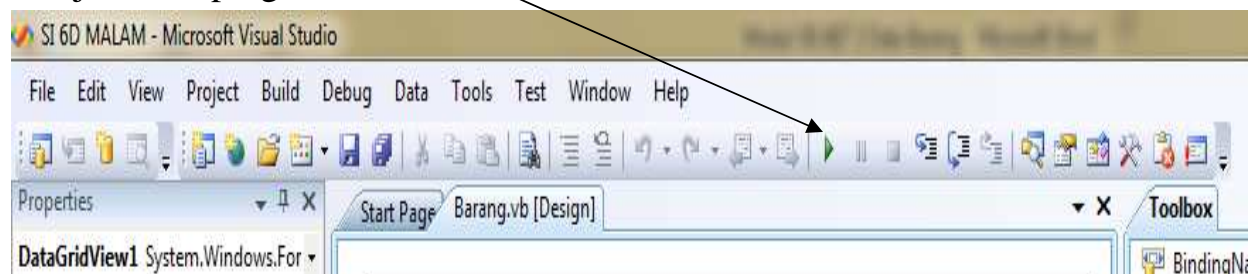
4. Tampilan setelah selesai di desain, seperti gambar dibawah ini :



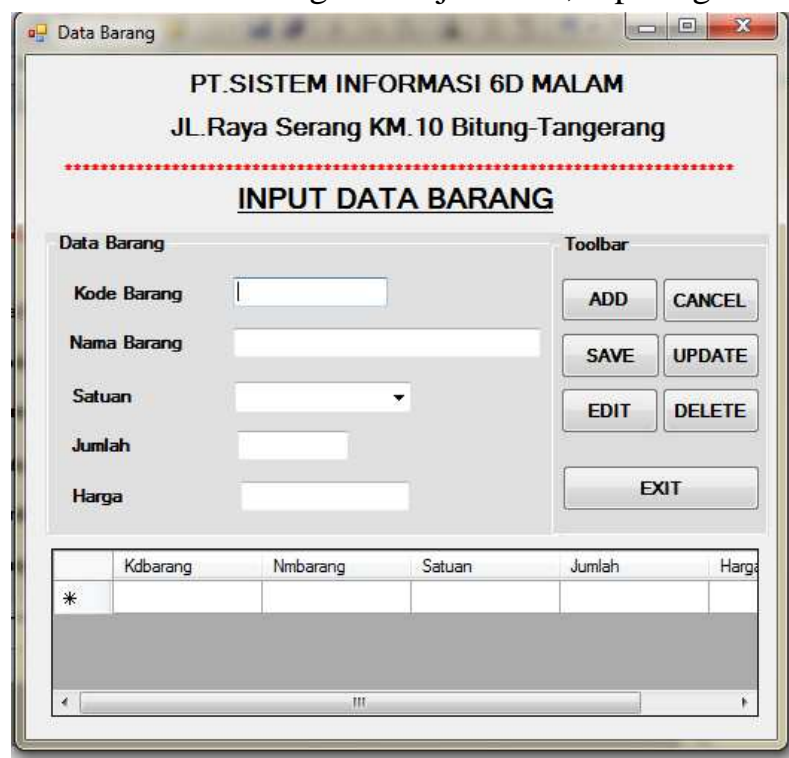
5. Menambah komponen Koneksi pada form



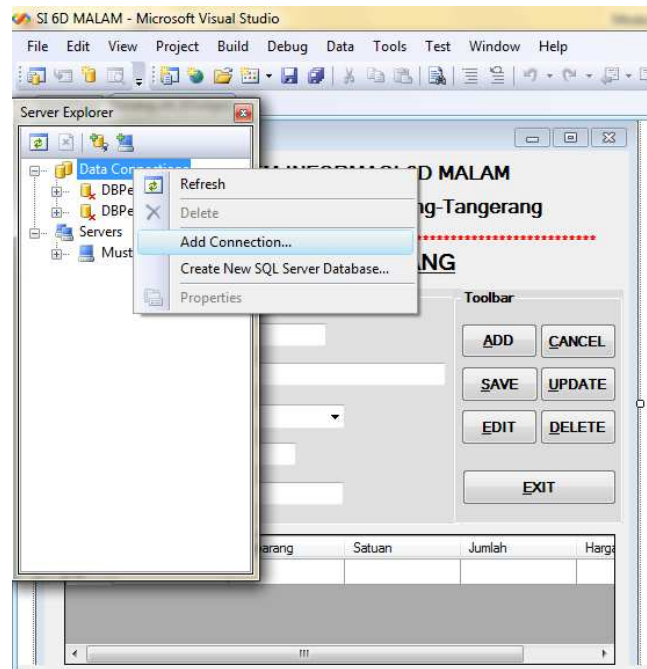
6. Menjalankan program, klik Run



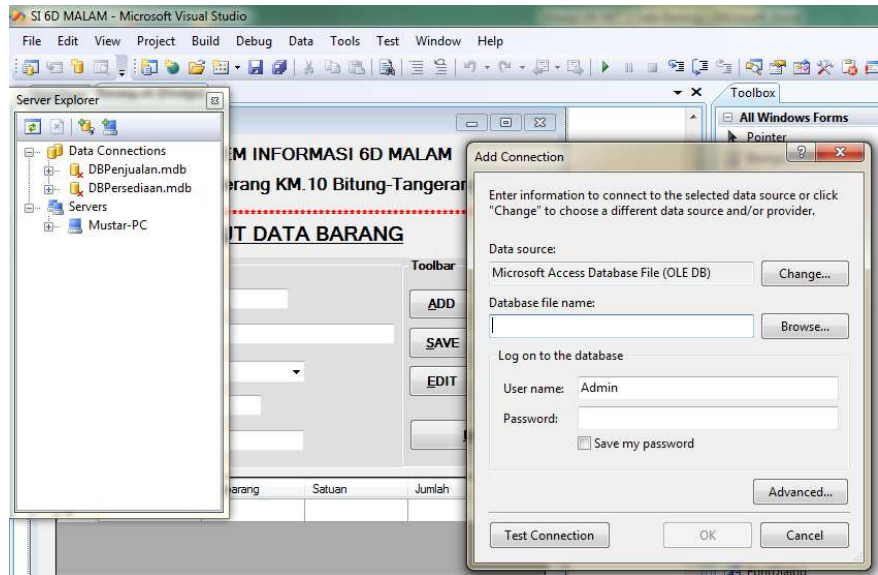
7. Tampilan Form setelah di Running atau dijalankan, seperti gambar dibawah ini



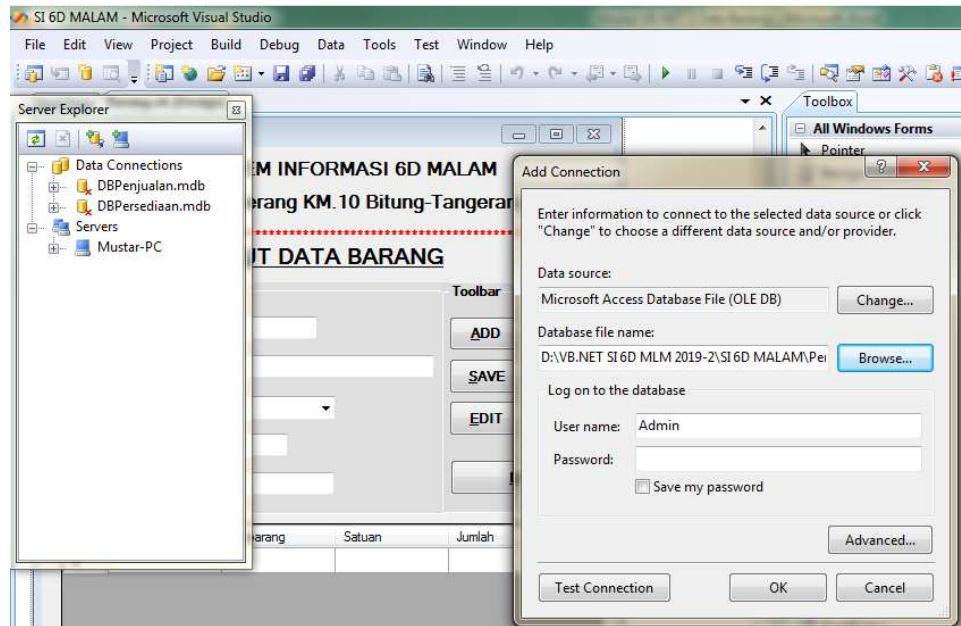
8. Cara koneksi ke access, klik kanan data Connection pada layar Server Explorer, lalu pilih Add Connection



9. Setelah Add Connection di klik, maka tampil gambar seperti dibawah ini :

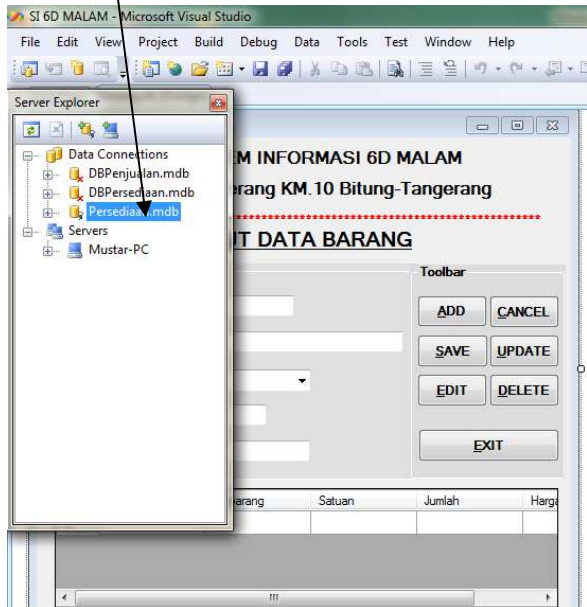


10. Dari tampilan diatas, klik browser, lalu pilih database access yang ada di folder program , kemudian tampil gambar dibawah ini :

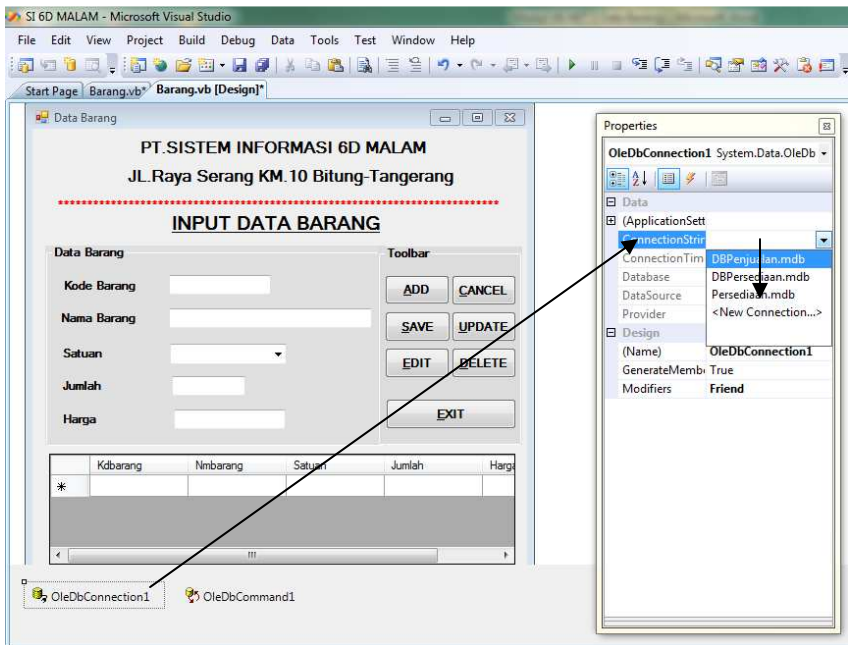


11. Dari Tampilan diatas, lalu klik OK

12.Setelah Klik OK, Maka Database telah di tambahkan pada Server Explorer, lihat gambar dibawah ini :



13.Langkah selanjutnya adalah mengkoneksi komponen Adoconnectin dengan database Persediaan, seperti gambar dibawah ini :



14.Koding Program :

```
Imports System.Data.OleDb

Public Class Barang
    Dim conn As OleDbConnection
    Dim da As OleDbDataAdapter
    Dim ds As DataSet
    Dim cmd As OleDbCommand
    Dim rd As OleDbDataReader
    Dim str As String
    Sub Koneksi()
        str = "Provider=Microsoft.Jet.OLEDB.4.0;Data Source= D:\VB.NET SI 6D MLM 2019-2\SI 6D MALAM\Persediaan.mdb"

        conn = New OleDbConnection(str)
        If conn.State = ConnectionState.Closed Then conn.Open()
    End Sub

    Sub Tampilgrid()
        da = New OleDbDataAdapter("select * from tbbarang", conn)
        ds = New DataSet
        da.Fill(ds, "tbbarang")
        DGV.DataSource = ds.Tables("tbbarang")
    End Sub
    Sub Tampildata()
        TextBox2.Text = rd.Item(1)
        ComboBox2.Text = rd.Item(2)
    End Sub
End Class
```

```

        TextBox3.Text = rd.Item(3)
        TextBox4.Text = rd.Item(4)
    End Sub

    Sub TextMati()
        Me.TextBox1.Enabled = False
        Me.TextBox2.Enabled = False
        Me.ComboBox2.Enabled = False
        Me.TextBox3.Enabled = False
        Me.TextBox4.Enabled = False
    End Sub

    Sub TextHidup()
        Me.TextBox1.Enabled = True
        Me.TextBox2.Enabled = True
        Me.ComboBox2.Enabled = True
        Me.TextBox3.Enabled = True
        Me.TextBox4.Enabled = True
    End Sub

    Sub Kosong()
        TextBox1.Clear()
        TextBox2.Clear()
        TextBox3.Clear()
        TextBox4.Clear()
        TextBox1.Focus()
    End Sub

    Private Sub Barang_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
        Call Koneksi()
        Call Tampilgrid()
        Call TextMati()
        Me.BtnAdd.Enabled = True
        Me.BtnSave.Enabled = False
        Me.BtnEdit.Enabled = False
        Me.BtnUpdate.Enabled = False
        Me.BtnCancel.Enabled = False
        Me.BtnDelete.Enabled = False
        Me.BtnExit.Enabled = True

    End Sub

    Private Sub BtnExit_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnExit.Click
        Me.Close()
    End Sub

    Private Sub BtnAdd_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnAdd.Click
        Call Kosong()
        Call TextHidup()
        Me.TextBox1.Focus()
        Me.BtnAdd.Enabled = False
        Me.BtnSave.Enabled = True
        Me.BtnEdit.Enabled = False
        Me.BtnUpdate.Enabled = False
        Me.BtnCancel.Enabled = False
        Me.BtnDelete.Enabled = False
        Me.BtnExit.Enabled = True

    End Sub

    Private Sub BtnSave_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnSave.Click
        If TextBox1.Text = "" Or TextBox2.Text = "" Or ComboBox2.Text = ""
Then
            MsgBox("Data belum lengkap, Pastikan Semua form terisi")
            Exit Sub
        Else
            Call Koneksi()

```

```

        Dim simpan As String = "insert into tbbarang (kdbarang, nmbarang,
satunya, jumlah, harga) " & _
        " values ('" & TextBox1.Text & "','" & TextBox2.Text & "','" &
ComboBox2.Text & "','" & TextBox3.Text & "','" & TextBox4.Text & "')"
        cmd = New OleDbCommand(simpan, conn)
        cmd.ExecuteNonQuery()
        MsgBox("Data berhasil di Input", MsgBoxStyle.Information,
"Information")
        Me.OleDbConnection1.Close()
        Call Tampilgrid()
        DGV.Refresh()
        Call Koneksi()
        Call Kosong()
        Call TextMati()
        Me.BtnAdd.Enabled = True
        Me.BtnSave.Enabled = False
        Me.BtnEdit.Enabled = False
        Me.BtnUpdate.Enabled = False
        Me.BtnCancel.Enabled = False
        Me.BtnDelete.Enabled = False
        Me.BtnExit.Enabled = True

    End If

End Sub

Private Sub BtnEdit_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnEdit.Click
    Call TextHidup()
    TextBox1.Enabled = False
    BtnAdd.Enabled = False
    BtnSave.Enabled = False
    BtnEdit.Enabled = False
    BtnUpdate.Enabled = True
    BtnCancel.Enabled = True
    BtnDelete.Enabled = True
    BtnExit.Enabled = True

End Sub

Private Sub TextBox1_KeyPress(ByVal sender As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs) Handles TextBox1.KeyPress
    TextBox1.MaxLength = 5
    If e.KeyChar = Chr(13) Then TextBox2.Focus()

End Sub

Private Sub TextBox1_LostFocus(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox1.LostFocus
    str = "SELECT * FROM tbbarang Where kdbarang = '" & TextBox1.Text &
""
    cmd = New OleDbCommand(str, conn)
    rd = cmd.ExecuteReader
    Try
        While rd.Read
            TextBox2.Text = rd.GetString(1)
            ComboBox2.Text = rd.GetString(2)
            TextBox3.Text = rd.GetValue(3)
            TextBox4.Text = rd.GetValue(4)
            TextMati()
            Me.BtnAdd.Enabled = False
            Me.BtnSave.Enabled = False
            Me.BtnEdit.Enabled = True
            Me.BtnUpdate.Enabled = False
            Me.BtnCancel.Enabled = False
            Me.BtnDelete.Enabled = False
            Me.BtnExit.Enabled = True

        End While
    Finally
        rd.Close()
    End Try

End Sub

```



```

Private Sub TextBox1_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox1.TextChanged

End Sub

Private Sub TextBox2_KeyPress(ByVal sender As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs) Handles TextBox2.KeyPress
    TextBox2.MaxLength = 25
    If e.KeyChar = Chr(13) Then ComboBox2.Focus()

End Sub

Private Sub TextBox2_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox2.TextChanged

End Sub

Private Sub BtnUpdate_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnUpdate.Click
    Dim Sql As String
    If MsgBox("Do You Want save again ?", MsgBoxStyle.YesNo, "Message") =
vbYes Then
        Sql = "update tbbarang set nmbarang='" & TextBox2.Text &
        "','satuan='" & ComboBox2.Text & "','jumlah='" & TextBox3.Text & "','harga='" &
        TextBox4.Text & "' where kdbarang='" & TextBox1.Text & "'"
        cmd = New OleDbCommand(Sql, conn)
        cmd.ExecuteNonQuery()
        DGV.Refresh()
        Me.OleDbConnection1.Close()

        Call TextMati()
        Call Kosong()
        Me.BtnAdd.Enabled = True
        Me.BtnSave.Enabled = False
        Me.BtnEdit.Enabled = False
        Me.BtnUpdate.Enabled = False
        Me.BtnCancel.Enabled = False
        Me.BtnDelete.Enabled = False
        Me.BtnExit.Enabled = True
        DGV.Refresh()
        Call Tampilgrid()
    End If

End Sub

Private Sub BtnCancel_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnCancel.Click
    Call Kosong()
    Call TextMati()
    Me.BtnAdd.Enabled = True
    Me.BtnSave.Enabled = False
    Me.BtnEdit.Enabled = False
    Me.BtnUpdate.Enabled = False
    Me.BtnCancel.Enabled = False
    Me.BtnDelete.Enabled = False
    Me.BtnExit.Enabled = True

End Sub

Private Sub BtnDelete_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnDelete.Click
    If TextBox1.Text = "" Then
        MsgBox("Kode belum diisi")
        TextBox1.Focus()
        Exit Sub
    Else
        If MessageBox.Show("Yakin akan dihapus..?", "",
MessageBoxButtons.YesNo) = Windows.Forms.DialogResult.Yes Then
            Dim hapus As String = "Delete * from tbbarang where
kdbarang='" & TextBox1.Text & "'"
            cmd = New OleDbCommand(hapus, conn)
            cmd.ExecuteNonQuery()
            Call Tampilgrid()
            Call Kosong()
            Me.BtnAdd.Enabled = True
            Me.BtnSave.Enabled = False
            Me.BtnEdit.Enabled = False

```

```

        Me.BtnUpdate.Enabled = False
        Me.BtnCancel.Enabled = False
        Me.BtnDelete.Enabled = False
        Me.BtnExit.Enabled = True
    Else
        Call TextMati()
    End If
End If

End Sub

Private Sub ComboBox2_KeyPress(ByVal sender As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs) Handles ComboBox2.KeyPress
    ComboBox2.MaxLength = 10
    If e.KeyChar = Chr(13) Then TextBox3.Focus()

End Sub
Private Sub TextBox3_KeyPress(ByVal sender As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs) Handles TextBox3.KeyPress
    TextBox3.MaxLength = 10
    If e.KeyChar = Chr(13) Then TextBox4.Focus()

End Sub
Private Sub TextBox4_KeyPress(ByVal sender As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs) Handles TextBox4.KeyPress
    TextBox3.MaxLength = 10
    If e.KeyChar = Chr(13) Then BtnSave.Focus()

End Sub

End Sub

End Class

```

15. Setelah memberi koding pada form diatas, lalu jalankan form tersebut dengan cara klik Run/Star, kemudian tampil gambar dibawah ini, kemudian anda klik button Add, lalu isi setiap textbox yang ada di form barang, kemudian klik Save, maka data akan tersimpan ke tabel dan di form akan tampil data pada datagridview yang telah diinput. Berikut hasilnya

| kdbarang | nmbarang | satuan | jumlah | hi |
|----------|-----------|--------|--------|----|
| B02 | LEMARI D | PCS | 1 | 90 |
| B03 | SOFA | PCS | 2 | 99 |
| B04 | SAPU LIDI | PCS | 1 | 50 |

Note : jika terjadi error, periksa kembali koding programnya