

```
//Master Code Standart VB.NET
```

```
//Simpan coding ini di setiap form
```

```
Imports MySql.Data.MySqlClient
```

```
//Simpan coding ini di bawah "Public Class namaform"
```

```
Dim strSql As String
```

```
Dim perintah As New MySqlCommand
```

```
Dim DAdapter As New MySqlDataAdapter
```

```
Dim DReader As MySqlDataReader
```

```
namatextbox.clear // untuk mengosongkan textbox
```

```
namadatetimepicker.value = now // untuk merubah datetimepicker menjadi tanggal sekarang
```

```
namacombobox.selectedindex = 0 // untuk merubah isi combobox menjadi pilihan kesatu
```

```
//Coding module
```

```
Public ConMySQL As MySqlConnection
```

```
Public constrMySQL As String
```

```
Public usertypeMySQL As String
```

```
Public da As MySqlDataAdapter
```

```
Public ds As DataSet
```

```
Public cmd As MySqlCommand
```

```
Public str As String
```

```
Public Sub mainMySQL()
```

```
    constrMySQL = My.Settings.NamaKoneksi //atur nama koneksi project>>namaproject  
properties>>pilih tab setting
```

```
    ConMySQL = New MySqlConnection(constrMySQL)
```

```
    Try
```

```
        ConMySQL.Open()
```

```
        'MsgBox("Server Connection is Open ! ")
```

```
        ConMySQL.Close()
```

```
    Catch ex As Exception
```

```
        MsgBox("Sorry Can not open connection ! ")
```

```
    End Try
```

```
End Sub
```

```
//Klik 2x form, maka akan muncul namaform_load dan masukan coding berikut untuk memanggil  
koneksi database
```

```
    mainMySQL()
```

```
//Coding Simpan
```

```

        ConMySQL = New MySqlConnection(constrMySQL)
ConMySQL.Open()

Try

    Dim perintah As New MySqlCommand("insert into namatable" & _
        " values ('" & namatextboxuntukkolom1.text & _
            ",'" & namatextboxuntukkolom2.text & _
            ",'" & namatextboxuntukkolom3.text & _
            ",'" & danseterusnya.text & _
            "')" , ConMySQL)

    perintah.ExecuteNonQuery()

    MsgBox("Sukses", MsgBoxStyle.Information)

    ConMySQL.Close()

Catch ex As Exception

    MsgBox("Data Tidak Bisa Disimpan", MsgBoxStyle.Information, "Pesan")

    ConMySQL.Close()

End Try

```

//Coding Ubah

```

        ConMySQL = New MySqlConnection(constrMySQL)
ConMySQL.Open()

Try

    Dim perintah As New MySqlCommand("UPDATE namatable" & _

```

```

        " SET kolom1='" & namatextboxuntukkolom1.text & _
        "', kolom2='" & namatextboxuntukkolom2.text & _
        "', kolom3='" & namatextboxuntukkolom3.text & _
        "', kolomdst='" & namatextboxuntukkolomdst.text & _
        " WHERE kolomprimarykey='" &
namatextboxkolomprimarykey.text & "'", ConMySQL)

```

```

    perintah.ExecuteNonQuery()

```

```

    MsgBox("Sukses", MsgBoxStyle.Information)

```

```

    ConMySQL.Close()

```

```

Catch ex As Exception

```

```

    MsgBox("Terdapat Kesalahan", MsgBoxStyle.Information, "Pesan")

```

```

    ConMySQL.Close()

```

```

End Try

```

```

//Coding Hapus

```

```

    ConMySQL = New MySqlConnection(constrMySQL)

```

```

    ConMySQL.Open()

```

```

Try

```

```

    Dim perintah As New MySqlCommand("delete from namatable& _

```

```

        " " WHERE kolomprimarykey='" & namatextboxkolomprimarykey.text & "'",
ConMySQL)

```

```

    perintah.ExecuteNonQuery()

```

```
MsgBox("Sukses", MsgBoxStyle.Information)
```

```
ConMySQL.Close()
```

```
Catch ex As Exception
```

```
MsgBox("Terdapat Kesalahan", MsgBoxStyle.Information, "Pesan")
```

```
ConMySQL.Close()
```

```
End Try
```

//Untuk textbox dan combobox, gunakan .text untuk memanggil isian didalam objek tersebut

//Untuk datetimepicker, gunakan format(namadatetimepicker.value, "yyyy-MM-dd") untuk menyesuaikan format dengan mysql

//Coding untuk memanggil dan memunculkan data di dalam DataGrid

```
ConMySQL = New MySqlConnection(constrMySQL)
```

```
ConMySQL.Open()
```

```
Dim da As New MySqlDataAdapter("select * from namatable order by kolomprimarykey",  
ConMySQL)
```

```
Dim dt As New DataTable
```

```
da.Fill(dt)
```

```
namadatagridview.DataSource = dt
```

```
ConMySQL.Close()
```

//Coding untuk memindahkan data didalam datagrid untuk dimunculkan kedalam textbox sebagai fungsi memudahkan fungsi ubah dan hapus

//Coding dimasukan dengan cara menklik 2x datagrid dan memilih event celldoubleklik

```
Try

Dim gridbaris As DataGridViewRow = namadatagridview.Rows(e.RowIndex)

namatextbox1.Text = gridbaris.Cells(0).Value.ToString

    namatextbox2.Text = gridbaris.Cells(1).Value.ToString

    namatextbox3.Text = gridbaris.Cells(2).Value.ToString

namatextbox4.Text = gridbaris.Cells(3).Value.ToString

Catch ex As Exception

    MsgBox("Terjadi Kesalahan", MsgBoxStyle.Critical)

End Try
```

//Untuk textbox dan combobox, gunakan .text

//Untuk datetimepicker, gunakan .value dan hapus .ToString

//Coding menampilkan data ke combobox sesuai database

```
Try

    ConMySQL = New MySqlConnection(constrMySQL)

ConMySQL.Open()

    perintah = New MySqlCommand("select namakolom from namatable", ConMySQL)

DReader = perintah.ExecuteReader

namacombobox.Items.Clear()

Do While DReader.Read

    namacombobox.Items.Add(DReader.Item("namakolom"))

End While

Catch ex As Exception

    MsgBox("Terjadi Kesalahan", MsgBoxStyle.Critical)

End Try
```

Loop

ConMySQL.Close()

Catch ex As Exception

MsgBox("Terjadi Kesalahan", MsgBoxStyle.Critical)

ConMySQL.Close()

End Try

ConMySQL.Close()

//Coding menampilkan data kedalam textbox sesuai dengan katakunci di combobox

Try

ConMySQL = New MySqlConnection(constrMySQL)

ConMySQL.Open()

perintah = New MySqlCommand("select \* from namatable where namakolom='" &  
namacombobox.text & "'", ConMySQL)

DReader = perintah.ExecuteReader

Dreader.read

if Dreader.Hasrow then

namatextbox1.text = Dreader.Item("namakolom1")

namatextbox2.text = Dreader.Item("namakolom2")

namatextbox3.text = Dreader.Item("namakolom3")

namadatetimepicker.value = Dreader.Item("namakolom4") //jika terdapat tipe  
data date didalam database

//dst

end if

Catch ex As Exception

```
MsgBox("Terjadi Kesalahan", MsgBoxStyle.Critical)
```

```
ConMySQL.Close()
```

```
End Try
```

```
ConMySQL.Close()
```

```
//Coding untuk menfilter report berdasarkan parameter tanggal
```

```
Dim tgl1 As New ReportParameter("namaparamater1", Format(DateTimePicker1.Value, "yyyy-MM-dd"))
```

```
Dim tgl2 As New ReportParameter("namaparamater2", Format(DateTimePicker2.Value, "yyyy-MM-dd"))
```

```
With Me
```

```
.reportviewer1.RefreshReport()
```

```
.reportviewer1.LocalReport.SetParameters(tgl1)
```

```
.reportviewer1.LocalReport.SetParameters(tgl2)
```

```
.reportviewer1.RefreshReport()
```

```
End With
```

```
//Coding untuk menfilter report berdasarkan parameter tertentu
```

```
Dim p1 As New ReportParameter("namaparamater", namatextbox.text)
```

```
With Me
```



```
.reportviewer1.RefreshReport()
```

```
        .reportviewer1.LocalReport.SetParameters(p1)
```

```
.reportviewer1.RefreshReport()
```

```
End With
```