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Imports System.Data
Imports System.Data.SqlClient
Partial Class _Default
    Inherits System.Web.UI.Page
    Dim conn As SqlConnection
    Dim ds As DataSet
    Dim da As SqlDataAdapter

    Dim cmd As SqlCommand
    Dim dr As SqlDataReader
    Dim q_string As String

    'open connection
    Protected Sub Page_Load(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Load
        Dim myConnectionString As String
        myConnectionString =
ConfigurationManager.ConnectionStrings("connectionstring1").ToString()
        conn = New SqlConnection(myConnectionString)

    End Sub

        ' display using dataset and gridview

    Protected Sub Button1_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Button1.Click
        ' display using dataset
        q_string = "select * from stud"
        da = New SqlDataAdapter(q_string, conn)
        ds = New DataSet()
        da.Fill(ds, "stud")
        GridView1.DataSource = ds
        GridView1.DataBind()

    End Sub

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    Protected Sub Button2_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Button2.Click
        ' display using command object and datareader
        display_rec()

    End Sub

Function display_rec()
    q_string = "select * from stud"
    conn.Open()
    cmd = New SqlCommand(q_string, conn)
    dr = cmd.ExecuteReader

    GridView1.DataSource = dr
    GridView1.DataBind()

    conn.Close()

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    End Function
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'static insert using command object
Protected Sub Button3_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Button3.Click
    'static insert using command object
    q_string = "insert into stud values(108,'abc',23)"

    conn.Open()
    cmd = New SqlCommand(q_string, conn)
    cmd.ExecuteNonQuery()
    conn.Close()

    display_rec()
End Sub

'dynamic insertion using command object

Protected Sub Button4_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Button4.Click
    'dynamic insertion using command object
    Dim x As Integer
    Dim s_no As Integer
    Dim s_name As String
    Dim s_mark As Integer
    s_no = txtno.Text
    s_name = txtname.Text
    s_mark = txtmarks.Text

    q_string = "insert into stud values(" & s_no & ", '" & s_name
& "'," & s_mark & ")"
    conn.Open()
    cmd = New SqlCommand(q_string, conn)
    x = cmd.ExecuteNonQuery()
    If (x > 0) Then
        MsgBox("inserted success fully")
    Else
        MsgBox("error in insertion")
    End If

    conn.Close()
    display_rec()

End Sub

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'searching
Protected Sub Button5_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Button5.Click
    q_string = "select * from stud where rollno=1"
    conn.Open()
    cmd = New SqlCommand(q_string, conn)
    dr = cmd.ExecuteReader

    While dr.Read()

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txtno.Text = dr.GetInt32(0)
txtname.Text = dr.GetString(1)
txtmarks.Text = dr.GetInt32(2)

End While
conn.Close()
End Sub
End Class
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