**17.Create APPLICATION WHICH SEND EMAIL**

ImportsSystem.Net.Mail

PublicClassForm1

PrivateSub Form1\_Load(sender AsSystem.Object, e AsSystem.EventArgs) HandlesMyBase.Load

TextBox3.Focus()

EndSub

PrivaTeSub Button1\_Click(sender AsSystem.Object, e AsSystem.EventArgs) Handles Button1.Click

If TextBox3.Text = ""Then

ErrorProvider1.SetError(TextBox3, "You Must Enter ReceiverEmail ID")

EndIf

If TextBox4.Text = ""Then

ErrorProvider1.SetError(TextBox4, "You Must Enter Subject")

EndIf

If TextBox5.Text = ""Then

ErrorProvider1.SetError(TextBox5, "You Must Write a Body")

EndIf

Try

DimSMTPServerAsNewSmtpClient()

Dim mail AsNewMailMessage()

SMTPServer.UseDefaultCredentials = False

SMTPServer.Credentials = NewNet.NetworkCredential("username@gmail.com", "password")

SMTPServer.Port = 587

SMTPServer.Host = "smtp.gmail.com"

SMTPServer.EnableSsl = True

mail = NewMailMessage()

mail.From = NewMailAddress(TextBox3.Text)

mail.To.Add(TextBox4.Text)

mail.Body = TextBox5.Text

SMTPServer.Send(mail)

MsgBox("Mail Sent Succesfully")

Catch ex AsException

MsgBox(ex.ToString)

EndTry

EndSub

PrivateSub Button2\_Click(sender AsSystem.Object, e AsSystem.EventArgs) Handles Button2.Click

TextBox3.Text = ""

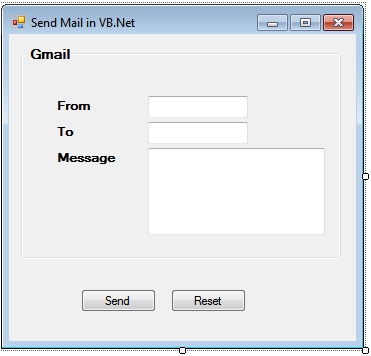
TextBox4.Text = ""

TextBox5.Text = ""

MsgBox("Ready to send Next Mail")

EndSub

EndClass



**11.CREATION OF FILE AND READING CONTENT FROM FILE**

<%@PageLanguage="vb"AutoEventWireup="false"CodeBehind="WebForm1.aspx.vb"Inherits="CreateFile.WebForm1"%>

<!DOCTYPEhtmlPUBLIC"-//W3C//DTD XHTML 1.0 Transitional//EN""http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<htmlxmlns="http://www.w3.org/1999/xhtml">

<headid="Head1"runat="server">

<title></title>

</head>

<body>

<formid="form1"runat="server">

<div>Creates a File and open it to work with it.Mention the path and file name such as D:/directoryname/filename.doc<br/>

<br/>

<br/>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:LabelID="Label1"runat="server"Font-Bold="true"Font-Italic="true"Text="Enter name and Path of file"></asp:Label>

<asp:TextBoxID="TextBox1"runat="server"Width="205 px"></asp:TextBox>

&nbsp;<br/>

<br/>

<br/>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;Write the text into multiline text box &nbsp;&nbsp;&nbsp;

<br/>

<asp:TextBoxID="TextBox2"runat="server"Height="135px"TextMode="MultiLine"Width="212px"></asp:TextBox><br/><br/>

<asp:ButtonID="Button1"runat="server"Text="Create &amp; Write to File"

Font-Italic="true"Width="212px"/>

<br/>

<br/>

<br/>

<asp:LabelID="Label2"runat="server"Text=""></asp:Label>

<br/>

<br/>

<asp:LabelID="Label3"runat="server"Font-Bold="True"Font-Italic="True"

Text="Enter Path and name of file"></asp:Label>

<asp:TextBoxID="TextBox3"runat="server"Width="205 px"></asp:TextBox>

&nbsp;<br/>

<br/>

<br/>

<br/>

<asp:TextBoxID="TextBox4"runat="server"Height="135px"TextMode="MultiLine"Width="212px"></asp:TextBox>

<br/>

<br/>

<br/>

<asp:ButtonID="BtnRead"runat="server"Text="Read"onclick="BtnRead\_Click"/>

<br/>

<br/>

<asp:LabelID="Label4"runat="server"Text=""></asp:Label>

<br/>

<br/>

</div>

</form>

</body>

</html>

Imports System.IO

PublicClassWebForm1

InheritsSystem.Web.UI.Page

ProtectedSub Button1\_Click(sender AsObject, e AsEventArgs) Handles Button1.Click

Dim path AsString

DimswAsStreamWriter

Try

path = TextBox1.Text

If (NotFile.Exists(path)) Then

sw = File.CreateText(path)

sw.WriteLine(TextBox2.Text)

sw.Close()

Label2.Text = "File Created"

Else

Label1.Text = "The file is already Exixts at this location..Please change the file name"

EndIf

Catch ex AsException

TextBox2.Text = ex.Message

EndTry

EndSub

ProtectedSubBtnRead\_Click(sender AsObject, e AsEventArgs) HandlesBtnRead.Click

Try

Dim filename AsString = Server.MapPath(TextBox3.Text)

Dim reader AsStreamReader

DimstrAsString

reader = File.OpenText(filename)

str = reader.ReadToEnd()

TextBox4.Text = str

reader.Close()

Label4.Text = "File Found and Read Successfully"

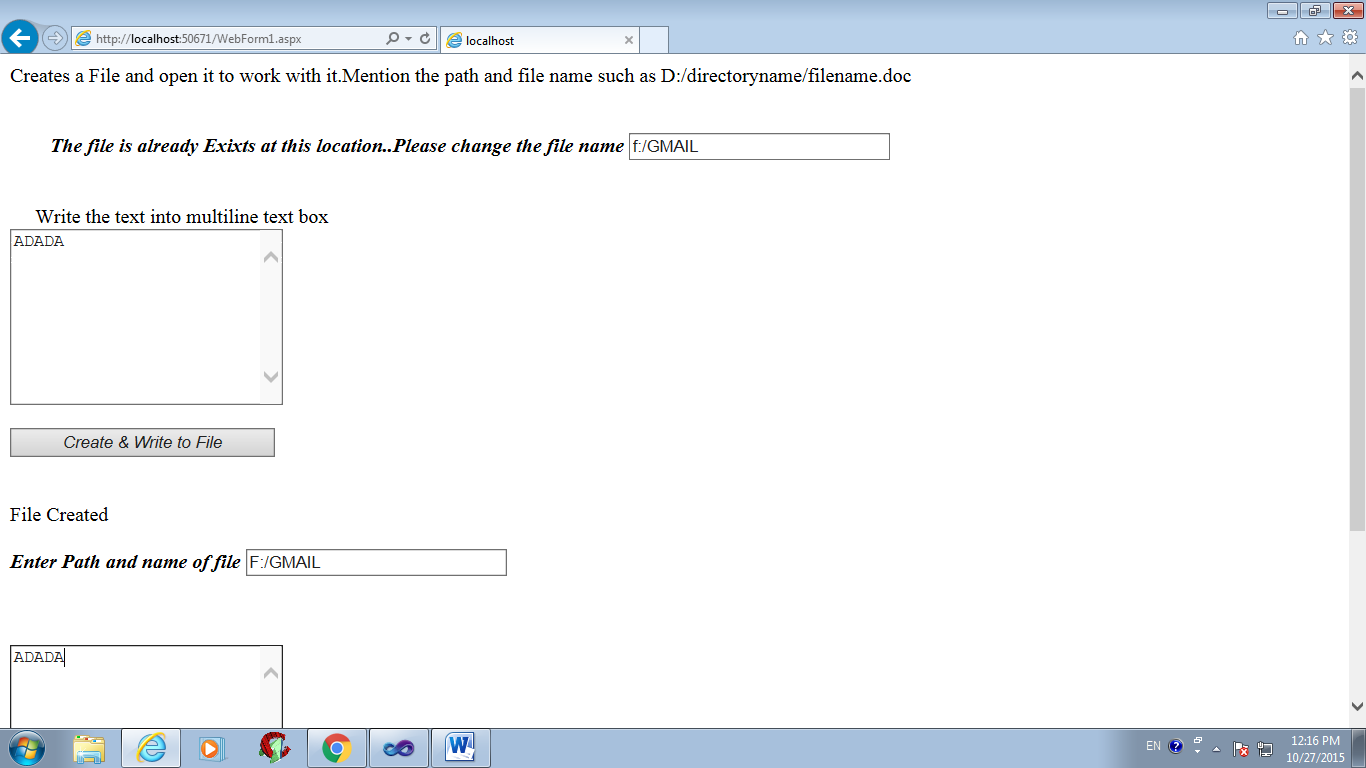
Catch ex AsException

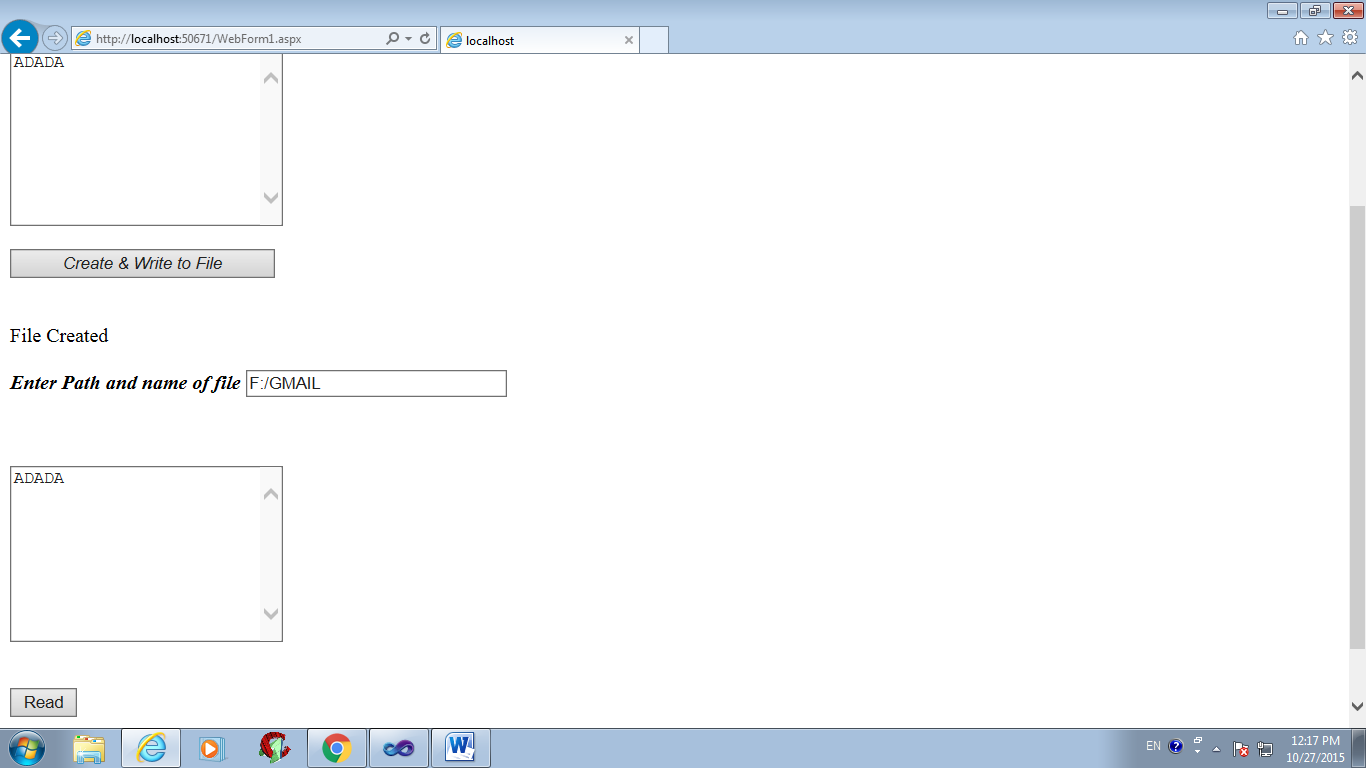
Label4.Text = ex.Message

EndTry

EndSub

EndClass





12.Using Components create

1. Advertisement (Using Ad rotator)

<%@PageLanguage="vb"AutoEventWireup="false"CodeBehind="WebForm1.aspx.vb"Inherits="WebApplication2.WebForm1"%>

<!DOCTYPEhtmlPUBLIC"-//W3C//DTD XHTML 1.0 Transitional//EN""http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<htmlxmlns="http://www.w3.org/1999/xhtml">

<headrunat="server">

<title></title>

</head>

<body>

<formid="form1"runat="server">

<div>

<asp:AdRotatorID="AdRotator1"runat="server"

AdvertisementFile="~/XMLFile1.xml"/>

</div>

</form>

</body>

</html>

**XML FILE Name - XMLFile1.xml**

<?xmlversion="1.0"encoding="utf-8" ?>

<Advertisements>

<Ad>

<ImageUrl>Image/Tulips.jpg</ImageUrl>

<NavigateUrl>http://www.aero.iitb.ac.in/</NavigateUrl>

<AlternateText>Aerospace Engineering Main Site</AlternateText>

<Impressions>50</Impressions>

<Keyword>education</Keyword>

</Ad>

<Ad>

<ImageUrl>Image/Desert.jpg</ImageUrl>

<NavigateUrl>http://www.jipmer.edu/</NavigateUrl>

<AlternateText>MBBS Pondicherry</AlternateText>

<Impressions>120</Impressions>

<Keyword>education</Keyword>

</Ad>

</Advertisements>

1. Find capabilities of browser ( Browser object capabilities)

<%@PageLanguage="vb"AutoEventWireup="false"CodeBehind="WebForm1.aspx.vb"Inherits="Browsercap.WebForm1"%>

<!DOCTYPEhtmlPUBLIC"-//W3C//DTD XHTML 1.0 Transitional//EN""http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<htmlxmlns="http://www.w3.org/1999/xhtml">

<headrunat="server">

<title>Browser Capabilities</title>

</head>

<body>

<formid="form1"runat="server">

<div>

<%

'Dim obj As Object

'obj = Server.CreateObject("MSWC.BrowserType")

Response.Write("Browser="&Request.Browser.Browser)

Response.Write("<br/>")

Response.Write("active X Control="&Request.Browser.ActiveXControls)

Response.Write("<br/>")

Response.Write("AOL="&Request.Browser.AOL)

Response.Write("<br/>")

'Response.Write("CLR VERSION=" &Request.Browser.ClrVersion)

'Response.Write("<br/>")

Response.Write("Cookies="&Request.Browser.Cookies)

Response.Write("<br/>")

Response.Write("Crawler="&Request.Browser.Crawler)

Response.Write("<br/>")

Response.Write("JavaApplets="&Request.Browser.JavaApplets)

Response.Write("<br/>")

Response.Write("Major Version="&Request.Browser.MajorVersion)

Response.Write("<br/>")

Response.Write("Minor Version="&Request.Browser.MinorVersion)

Response.Write("<br/>")

Response.Write("Platform"&Request.Browser.Platform)

Response.Write("<br/>")

Response.Write("VBSCript="&Request.Browser.VBScript)

Response.Write("<br/>")

Response.Write("Version="&Request.Browser.Version)

Response.Write("<br/>")

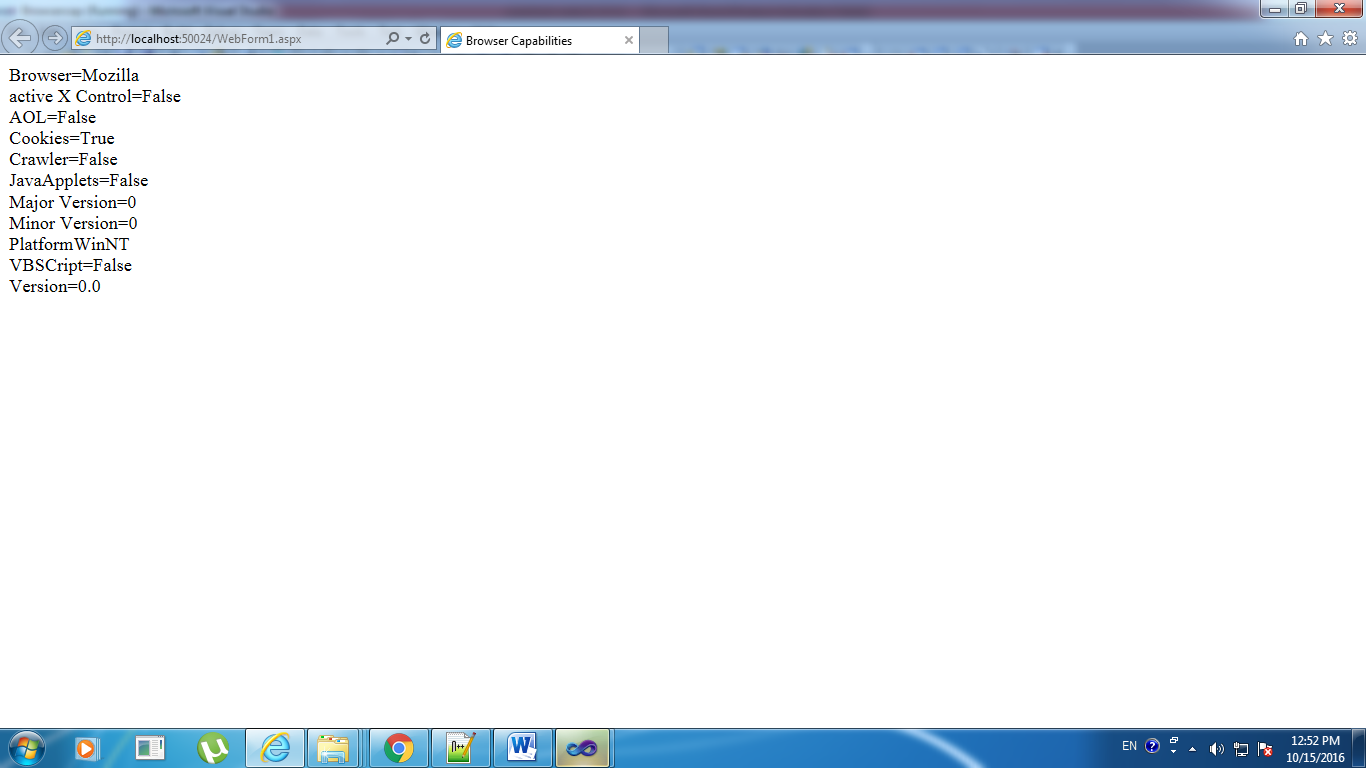
%>

</div>

</form>

</body>

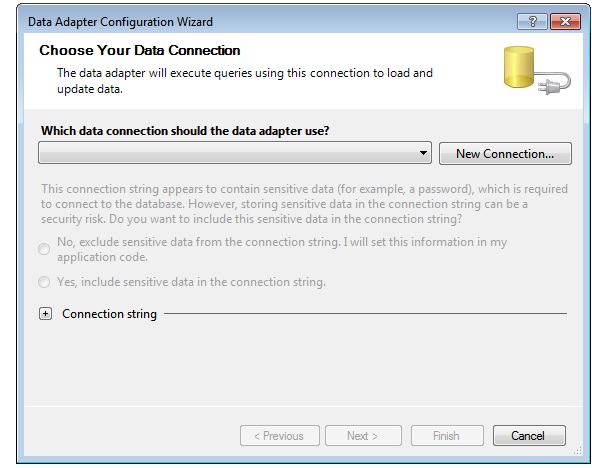
</html>



**AppendixWizard to create a DataAdapter**

1. Step1:

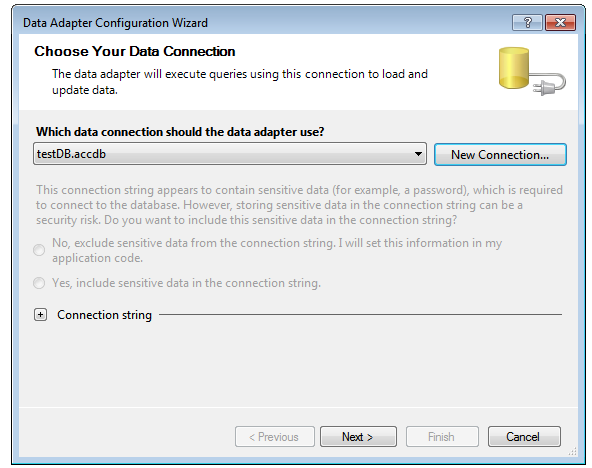
Open Windows application form and click on the data tab in toolbox. Now drag and drop the OleDbDataAdapter object on the form. Its get added to the component tray, open the Data Adapter Configuration Wizard dialogue which look like the image below.



1. Step 2:

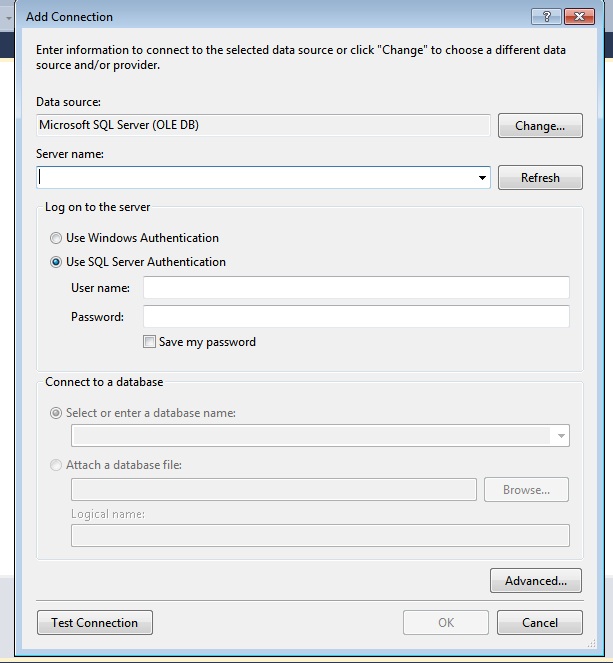
The DataAdapter Configuration Wizard allows you to customize data adapter like

Displaying the whole table or displaying selected columns from the table on so on.



1. Step 3:

Click “New Connection “button to create new connection. It opens Data Link Properties window. The data link window look like the image below.



**10.Simple application for the following (1.Login 2. Surfing 3. Logout)**

Login.aspx

Imports System.Data.OleDb

Public Class Login

Inherits System.Web.UI.Page

Protected Sub Button1\_Click(sender As Object, e As EventArgs) Handles Button1.Click

Dim conn As New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\Users\sharvil\Desktop\test.accdb")

Dim cmd As New OleDbCommand("Select \* from Login where UserName=@UserName and Password=@Password", conn)

cmd.Parameters.AddWithValue("@UserName", TextBox1.Text)

cmd.Parameters.AddWithValue("@Password", TextBox2.Text)

Dim da = New OleDbDataAdapter(cmd)

Dim dt = New DataTable()

da.Fill(dt)

conn.Open()

Dim i As Integer = cmd.ExecuteNonQuery()

conn.Close()

If (dt.Rows.Count > 0) Then

Session("Id") = TextBox1.Text

Response.Redirect("RedirectPage.aspx")

Session.RemoveAll()

Else

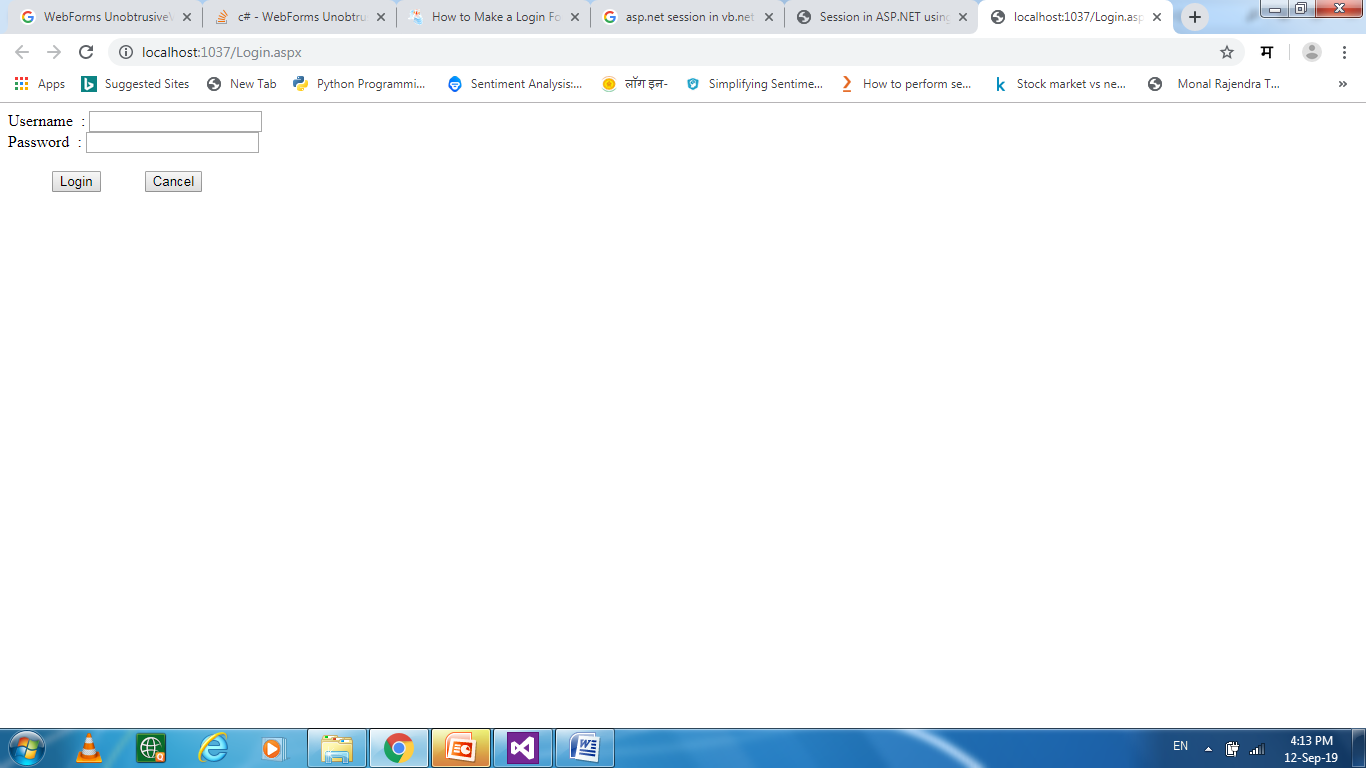
Label3.Text = "You're username and word is incorrect"

Label3.ForeColor = System.Drawing.Color.Red

End If

End Sub

End Class



RedirectPage.aspx

Public Class RedirectPage

Inherits System.Web.UI.Page

Protected Sub Page\_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Load

Label1.Text = Session("Id").ToString()

End Sub

Protected Sub Button1\_Click(sender As Object, e As EventArgs) Handles Button1.Click

Session.RemoveAll()

Response.Redirect("Login.aspx")

End Sub

End Class

Login.aspx –Design

<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="Login.aspx.vb" Inherits="WebApplication1.Login" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

</head>

<body>

<form id="form1" runat="server">

<div>

<asp:Label ID="Label1" runat="server" Text="Username"></asp:Label>

&nbsp;:

<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>

<asp:RequiredFieldValidator ID="RequiredFieldValidator2" runat="server"

ControlToValidate="TextBox1" ErrorMessage="Please Enter Your Username"

ForeColor="Red"></asp:RequiredFieldValidator>

<br />

<asp:Label ID="Label2" runat="server" Text="Password"></asp:Label>

&nbsp;:

<asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>

<asp:RequiredFieldValidator ID="RequiredFieldValidator3" runat="server"

ControlToValidate="TextBox2" ErrorMessage="Please Enter Your word"

ForeColor="Red"></asp:RequiredFieldValidator>

<br />

&nbsp;&nbsp;&nbsp;

<br />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Button ID="Button1" runat="server" Text="Login" />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Button ID="Button2" runat="server" Text="Cancel" />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Label ID="Label3" runat="server"></asp:Label>

</div>

</form>

</body>

</html>

**Redirect.aspx-Source Code**

<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="RedirectPage.aspx.vb" Inherits="WebApplication1.RedirectPage" %>

<!DOCTYPE html>

<html

xmlns="http://www.w3.org/1999/xhtml">

<head id="Head1" runat="server">

<title></title>

</head>

<body>

<form id="form1" runat="server">

<div>

<p>

<strong style="font-size: xx-large">Hello Everyone! Welcome to my Page.

</strong>

</p>

</div>

<asp:Image ID="Image1" runat="server" Height="335px"

ImageUrl="C:\Users\sharvil\Desktop\logo.png" Width="817px" />

<p>

</p>

<p>

<asp:Label ID="Label1" runat="server"></asp:Label>

</p>

<p>

<asp:Button ID="Button1" runat="server" Height="47px" onclick="Button1\_Click"

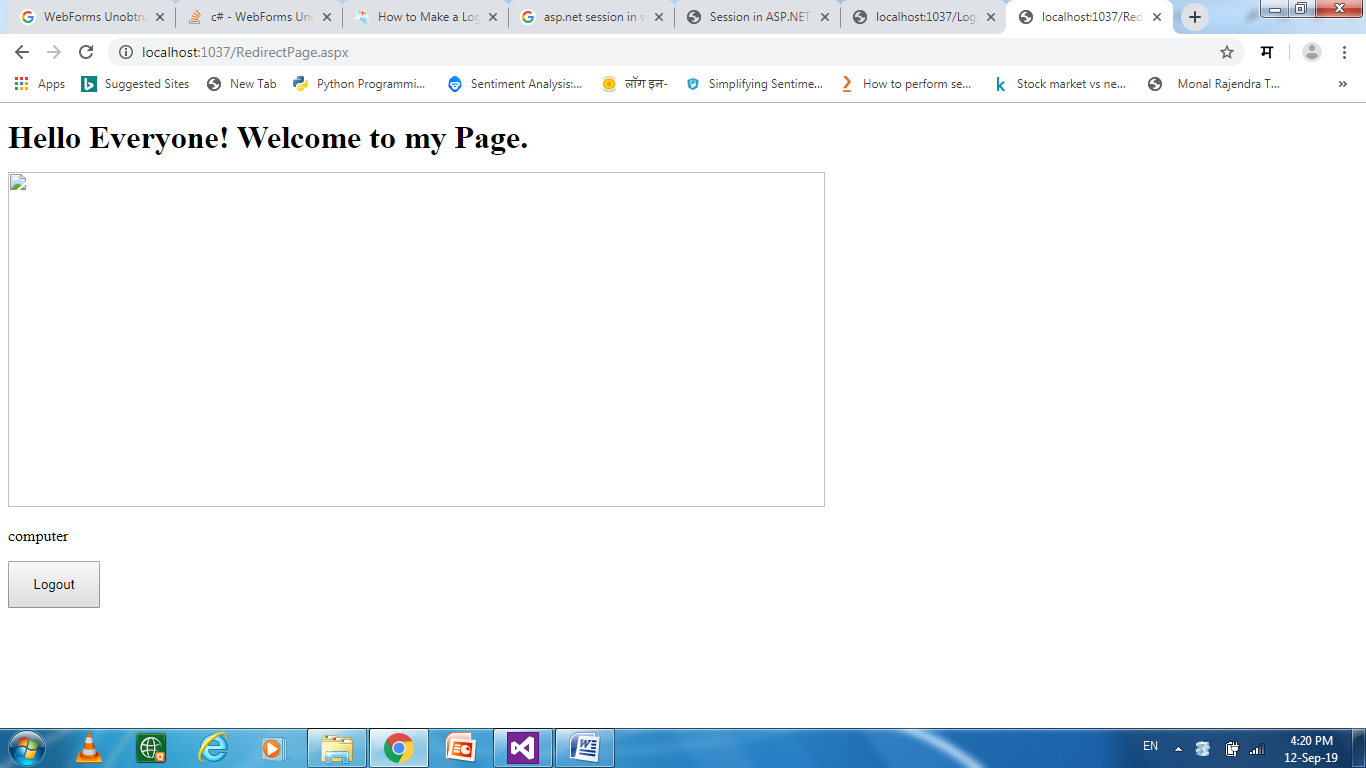
Text="Logout" Width="92px" />

</p>

</form>

</body>

</html>

****

Web.configuration

<?xml version="1.0"?>

<!--

For more information on how to configure your ASP.NET application, please visit

http://go.microsoft.com/fwlink/?LinkId=169433

-->

<configuration>

<appSettings>

<add key="ValidationSettings:UnobtrusiveValidationMode" value="None"/>

</appSettings>

<system.web>

<compilation debug="true"/>

</system.web>

</configuration>