1. Line Chart

WebForm1.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="ChartControl.WebForm1" %>

<%@ Register assembly="System.Web.DataVisualization, Version=4.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35" namespace="System.Web.UI.DataVisualization.Charting" tagprefix="asp" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

<asp:Chart ID="Chart1" runat="server" Height="250px" Width="721px">

<series>

<asp:Series Name="Temperature" ChartType="Line" XValueMember="0" YValueMembers="1" MarkerStep="1" XValueType="Int32" YValueType="Int32" Color="#910048"

>

</asp:Series>

</series>

<chartareas>

<asp:ChartArea Name="ChartArea1" BorderColor="Lime" BorderWidth="5">

</asp:ChartArea>

</chartareas>

<Legends>

<asp:Legend Name="Legend1" Alignment="Center" BackColor="YellowGreen"

BorderColor="DarkGreen" IsTextAutoFit="true"

Title="Temperature Prediction" TitleAlignment="Center">

</asp:Legend>

</Legends>

<Titles>

<asp:Title

Text="Chart for Temperature Prediction in the Month of July in Delhi"

Font="Arial Black" ForeColor="#f14d0e" BorderColor="DarkRed"

BackColor="Lime">

</asp:Title>

</Titles>

</asp:Chart>

</div>

</form>

</body>

</html>

WebForm1.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data;

using System.Data.SqlClient;

namespace ChartControl

{

public partial class WebForm1 : System.Web.UI.Page

{

SqlConnection c1;

SqlDataAdapter da;

DataSet ds;

public void Connect()

{

c1 = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\USER\Documents\d1.mdf;Integrated Security=True;Connect Timeout=30");

c1.Open();

}

public void BindChart()

{

Connect();

String cmd\_str = "select \* from Temperatures";

da = new SqlDataAdapter(cmd\_str, c1);

ds = new DataSet();

da.Fill(ds, "Temp");

Chart1.DataSource = ds;

Chart1.DataBind();

}

protected void Page\_Load(object sender, EventArgs e)

{

BindChart();

Chart1.ChartAreas[0].AxisX.Interval = 2;

Chart1.ChartAreas[0].AxisY.Minimum = 20;

Chart1.Titles[0].Font = new System.Drawing.Font("Comic Sans Ms", 20, System.Drawing.FontStyle.Bold);

Chart1.ChartAreas[0].AxisX.Title = "Date of Month";

Chart1.ChartAreas[0].AxisX.TitleFont = new System.Drawing.Font("Arial", 12, System.Drawing.FontStyle.Bold);

Chart1.ChartAreas[0].AxisX.TitleForeColor = System.Drawing.Color.DarkRed;

Chart1.ChartAreas[0].AxisY.Title = "Temperature";

Chart1.ChartAreas[0].AxisY.TitleFont = new System.Drawing.Font("Arial", 12, System.Drawing.FontStyle.Bold);

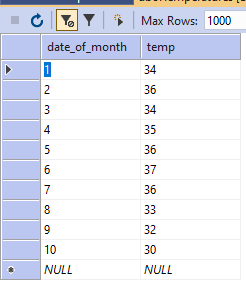
Chart1.ChartAreas[0].AxisY.TitleForeColor = System.Drawing.Color.DarkRed;

}

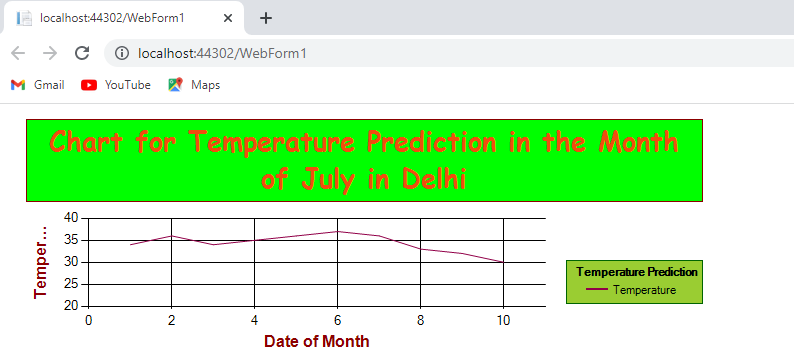
}

}

Database Table (Temperatures)



Output



1. Column Chart

WebForm2.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs" Inherits="ChartControl.WebForm2" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

<asp:Chart runat="server" ID="Chart1" Width="800px" BackColor="Yellow"

BackGradientStyle="DiagonalLeft">

<series>

<asp:Series Name="Temperature" ChartType="Column" XValueMember="0" YValueMembers="1"

MarkerStep="1" XValueType="Int32" YValueType="Int32" Color="#910048"

>

</asp:Series>

</series>

<chartareas>

<asp:ChartArea Name="ChartArea1" BorderColor="Lime" BorderWidth="5">

</asp:ChartArea>

</chartareas>

<Legends>

<asp:Legend Name="Legend1" Alignment="Center" BackColor="YellowGreen"

BorderColor="DarkGreen" IsTextAutoFit="true"

Title="Temperature Prediction" TitleAlignment="Center">

</asp:Legend>

</Legends>

<Titles>

<asp:Title

Text="Chart for Temperature Prediction in the Month of July in Delhi"

Font="Arial Black" ForeColor="#f14d0e" BorderColor="DarkRed"

BackColor="Lime">

</asp:Title>

</Titles>

</asp:Chart>

</div>

</form>

</body>

</html>

WebForm2.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data;

using System.Data.SqlClient;

namespace ChartControl

{

public partial class WebForm2 : System.Web.UI.Page

{

SqlConnection c1;

SqlDataAdapter da;

DataSet ds;

public void Connect()

{

c1 = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Administrator.KAVITA-PC\Documents\d1.mdf;Integrated Security=True;Connect Timeout=30");

c1.Open();

}

public void BindChart()

{

Connect();

String cmd\_str = "select \* from Temperatures";

da = new SqlDataAdapter(cmd\_str, c1);

ds = new DataSet();

da.Fill(ds, "TP");

Chart1.DataSource = ds;

Chart1.DataBind();

}

protected void Page\_Load(object sender, EventArgs e)

{

BindChart();

Chart1.ChartAreas[0].AxisX.Interval = 2;

Chart1.ChartAreas[0].AxisY.Minimum = 20;

Chart1.Titles[0].Font = new System.Drawing.Font("Comic Sans Ms", 20, System.Drawing.FontStyle.Bold);

Chart1.ChartAreas[0].AxisX.Title = "Date of Month";

Chart1.ChartAreas[0].AxisX.TitleFont = new System.Drawing.Font("Arial", 12, System.Drawing.FontStyle.Bold);

Chart1.ChartAreas[0].AxisX.TitleForeColor = System.Drawing.Color.DarkRed;

Chart1.ChartAreas[0].AxisY.Title = "Temperature";

Chart1.ChartAreas[0].AxisY.TitleFont = new System.Drawing.Font("Arial", 12, System.Drawing.FontStyle.Bold);

Chart1.ChartAreas[0].AxisY.TitleForeColor = System.Drawing.Color.DarkRed;

}

}

}

Output

1. Pie Chart Pie Chart

WebForm3.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm3.aspx.cs" Inherits="ChartControl.WebForm3" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

<asp:Chart runat="server" ID="Chart1" Width="800px" BackColor="Yellow"

BackGradientStyle="DiagonalLeft">

<series>

<asp:Series Name="Sales" ChartType="Pie" XValueMember="1" YValueMembers="2"

MarkerStep="1" XValueType="String" YValueType="Int32" Color="#910048"

>

</asp:Series>

</series>

<chartareas>

<asp:ChartArea Name="ChartArea1" BorderColor="Lime" BorderWidth="5">

</asp:ChartArea>

</chartareas>

<Legends>

<asp:Legend Name="Legend1" Alignment="Center" BackColor="YellowGreen"

BorderColor="DarkGreen" IsTextAutoFit="true"

Title="Sales of Products" TitleAlignment="Center">

</asp:Legend>

</Legends>

<Titles>

<asp:Title

Text="Pie Chart for Sales of Laptop"

BackColor="Lime">

</asp:Title>

</Titles>

</asp:Chart>

</div>

</form>

</body>

</html>

WebForm3.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data;

using System.Data.SqlClient;

namespace ChartControl

{

public partial class WebForm3 : System.Web.UI.Page

{

SqlConnection c1;

SqlDataAdapter da;

DataSet ds;

public void Connect()

{

c1 = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Administrator.KAVITA-PC\Documents\d1.mdf;Integrated Security=True;Connect Timeout=30");

c1.Open();

}

public void BindChart()

{

Connect();

String cmd\_str = "select \* from ProductSales";

da = new SqlDataAdapter(cmd\_str, c1);

ds = new DataSet();

da.Fill(ds, "TP");

Chart1.DataSource = ds;

Chart1.DataBind();

}

protected void Page\_Load(object sender, EventArgs e)

{

BindChart();

//Chart1.ChartAreas[0].AxisX.Interval = 2;

// Chart1.ChartAreas[0].AxisY.Minimum = 20;

Chart1.Titles[0].Font = new System.Drawing.Font("Comic Sans Ms", 20, System.Drawing.FontStyle.Bold);

Chart1.ChartAreas[0].AxisX.Title = "Date of Month";

Chart1.ChartAreas[0].AxisX.TitleFont = new System.Drawing.Font("Arial", 12, System.Drawing.FontStyle.Bold);

Chart1.ChartAreas[0].AxisX.TitleForeColor = System.Drawing.Color.DarkRed;

Chart1.ChartAreas[0].AxisY.Title = "Laptop Brand";

Chart1.ChartAreas[0].AxisY.TitleFont = new System.Drawing.Font("Arial", 12, System.Drawing.FontStyle.Bold);

Chart1.ChartAreas[0].AxisY.TitleForeColor = System.Drawing.Color.DarkRed;

//Chart1.Series[0].Label = "#PERCENT{P0}";

}

}

}

1. Bulleted List

WebForm1.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="ListControlExamples.WebForm1" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

Courses in IITM:<br />

<br />

<asp:BulletedList ID="BulletedList1" runat="server" DisplayMode="LinkButton" OnClick="BulletedList1\_Click">

<asp:ListItem>BCA</asp:ListItem>

<asp:ListItem>B.Com. (H)</asp:ListItem>

<asp:ListItem>BBA</asp:ListItem>

<asp:ListItem>MBA</asp:ListItem>

<asp:ListItem>BJMC</asp:ListItem>

</asp:BulletedList>

<br />

<br />

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

</div>

</form>

</body>

</html>

WebForm1.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace ListControlExamples

{

public partial class WebForm1 : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void BulletedList1\_Click(object sender, BulletedListEventArgs e)

{

String str = "";

Response.Write(sender.ToString());

int counter = 0;

foreach(ListItem li in BulletedList1.Items)

{

counter++;

}

str = "Total Number of Courses are " + counter;

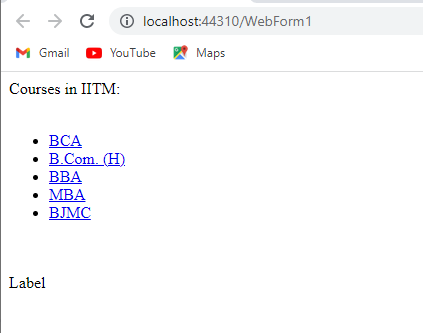
Label1.Text = str;

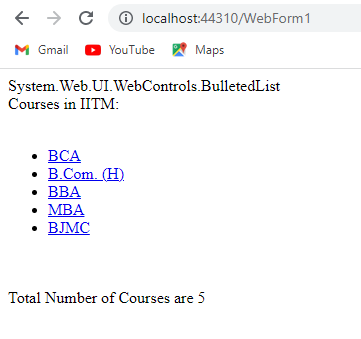
}

}

}

Output





1. CheckBoxList

WebForm2.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs" Inherits="ListControlExamples.WebForm2" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

Select your hobbies:<br />

<br />

<asp:CheckBoxList ID="CheckBoxList1" runat="server" AutoPostBack="True" OnSelectedIndexChanged="CheckBoxList1\_SelectedIndexChanged">

<asp:ListItem>Sports</asp:ListItem>

<asp:ListItem>Writing</asp:ListItem>

<asp:ListItem>Dance</asp:ListItem>

<asp:ListItem>Singing</asp:ListItem>

<asp:ListItem>Gaming</asp:ListItem>

<asp:ListItem>Travel</asp:ListItem>

</asp:CheckBoxList>

<br />

<br />

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

</div>

</form>

</body>

</html>

WebForm2.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace ListControlExamples

{

public partial class WebForm2 : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void CheckBoxList1\_SelectedIndexChanged(object sender, EventArgs e)

{

String str = "";

foreach(ListItem li in CheckBoxList1.Items)

{

if(li.Selected)

{

str = str + li.Text + " ";

}

}

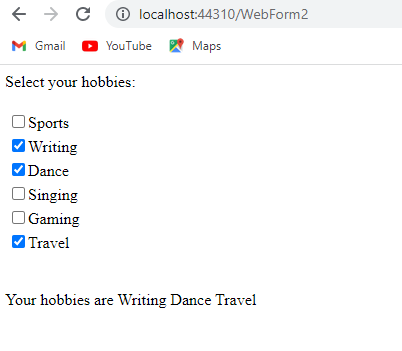
Label1.Text = "Your hobbies are " + str;

}

}

}

Output



1. DropDown List

WebForm4.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm4.aspx.cs" Inherits="ListControlExamples.WebForm4" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body id="b1" runat="server">

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

<div>

Select Background color:

<asp:DropDownList ID="DropDownList1" runat="server" AutoPostBack="True" OnSelectedIndexChanged="DropDownList1\_SelectedIndexChanged">

<asp:ListItem Selected="True">Select</asp:ListItem>

<asp:ListItem>Pink</asp:ListItem>

<asp:ListItem>Orange</asp:ListItem>

<asp:ListItem>Blue</asp:ListItem>

<asp:ListItem>Green</asp:ListItem>

<asp:ListItem>Cyan</asp:ListItem>

<asp:ListItem>Yellow</asp:ListItem>

<asp:ListItem>Red</asp:ListItem>

</asp:DropDownList>

<br />

<br />

</div>

</form>

</body>

</html>

WebForm4.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace ListControlExamples

{

public partial class WebForm4 : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

DropDownList1.Items[0].Attributes["disabled"] = "disabled";

}

protected void DropDownList1\_SelectedIndexChanged(object sender, EventArgs e)

{

String str = DropDownList1.SelectedItem.Text;

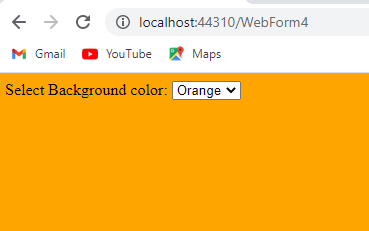
b1.Attributes.Add("bgcolor", str);

}

}

}

Output



1. RadioButton List

WebForm5.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm5.aspx.cs" Inherits="ListControlExamples.WebForm5" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

Select the last passing degree: <br />

<br />

<asp:RadioButtonList ID="RadioButtonList1" runat="server" AutoPostBack="True" OnSelectedIndexChanged="RadioButtonList1\_SelectedIndexChanged" RepeatLayout="Flow">

<asp:ListItem>Tenth</asp:ListItem>

<asp:ListItem>Twelth</asp:ListItem>

<asp:ListItem>Graduation</asp:ListItem>

<asp:ListItem>Post Graduation</asp:ListItem>

<asp:ListItem>Doctorate</asp:ListItem>

</asp:RadioButtonList>

</div>

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

</form>

</body>

</html>

WebForm5.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace ListControlExamples

{

public partial class WebForm5 : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void RadioButtonList1\_SelectedIndexChanged(object sender, EventArgs e)

{

String str = "";

foreach (ListItem li in RadioButtonList1.Items)

{

if (li.Selected)

{

str = str + li.Text + " ";

}

}

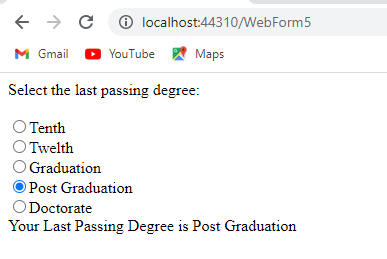
Label1.Text = "Your Last Passing Degree is " + str;

}

}

}

Output



1. AdRotator Control

WebForm1.aspx

WebForm1.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="AdRotatorDemo.WebForm1" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

<asp:AdRotator ID="AdRotator1" runat="server" AdvertisementFile="~/Ads.xml" />

</div>

</form>

</body>

</html>

Ads.xml

<?xml version="1.0" encoding="utf-8" ?>

<Advertisements>

<Ad>

<ImageUrl>a4.jpg</ImageUrl>

<NavigateUrl>https://www.popularmechanics.com/technology/gear/g19863873/best-cheap-watches/</NavigateUrl>

<AlternateText>Low Cost Watches</AlternateText>

<Keyword>Watch</Keyword>

<Impressions>50</Impressions>

<Width>900</Width>

<Height>300</Height>

</Ad>

<Ad>

<ImageUrl>a5.jpg</ImageUrl>

<NavigateUrl>https://www.thetrendspotter.net/20-top-luxury-watch-brands-know/</NavigateUrl>

<AlternateText>Luxury Watches</AlternateText>

<Keyword>Watch</Keyword>

<Impressions>5</Impressions>

<Width>900</Width>

<Height>300</Height>

</Ad>

<Ad>

<ImageUrl>a1.jpg</ImageUrl>

<NavigateUrl>https://www.theverge.com/2013/4/26/4268982/idc-q1-2013-smartphone-market-data</NavigateUrl>

<AlternateText>Smart Phones</AlternateText>

<Keyword>Smart Phone</Keyword>

<Impressions>5</Impressions>

<Width>900</Width>

<Height>300</Height>

</Ad>

<Ad>

<ImageUrl>a2.jpg</ImageUrl>

<NavigateUrl>https://in.pcmag.com/smartphones/38003/the-best-android-phones-for-2020</NavigateUrl>

<AlternateText>Best Android Phones</AlternateText>

<Keyword>Smart Phone</Keyword>

<Impressions>50</Impressions>

<Width>900</Width>

<Height>300</Height>

</Ad>

<Ad>

<ImageUrl>a6.jpg</ImageUrl>

<NavigateUrl>https://www.techradar.com/in/news/best-apple-watch</NavigateUrl>

<AlternateText>Best Apple Watches</AlternateText>

<Keyword>Watch</Keyword>

<Impressions>50</Impressions>

<Width>900</Width>

<Height>300</Height>

</Ad>

<Ad>

<ImageUrl>a3.jpg</ImageUrl>

<NavigateUrl>https://www.bajajfinserv.in/insights/8gb-ram-mobile-phone</NavigateUrl>

<AlternateText>8GB RAM Mobile Phones</AlternateText>

<Keyword>Smart Phone</Keyword>

<Impressions>50</Impressions>

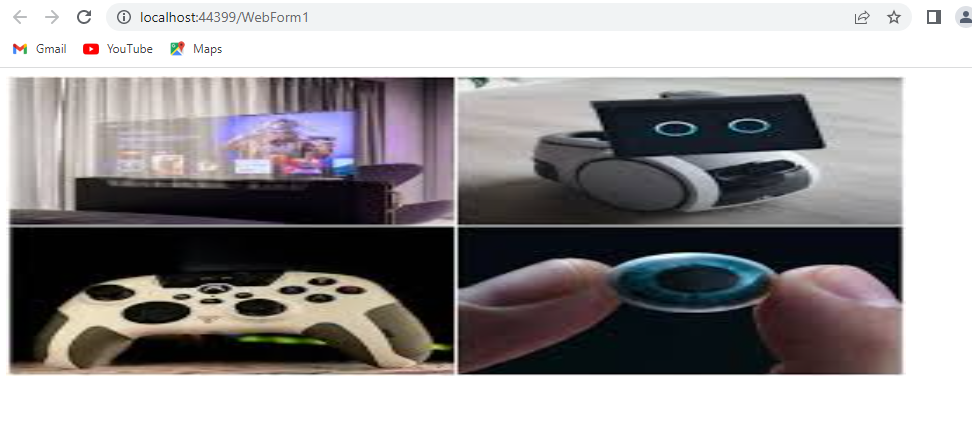
<Width>900</Width>

<Height>300</Height>

</Ad>

</Advertisements>

Output



1. FileUpload Control

WebForm2.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs" Inherits="AdRotatorDemo.WebForm2" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

<asp:FileUpload ID="FileUpload1" runat="server" />

<br />

<br />

<asp:Button ID="Button1" runat="server" OnClick="Button1\_Click" Text="Upload" />

<br />

<br />

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

</div>

</form>

</body>

</html>

WebForm2.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace AdRotatorDemo

{

public partial class WebForm2 : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void Button1\_Click(object sender, EventArgs e)

{

if (FileUpload1.HasFile)

{

FileUpload1.SaveAs(@"d:\uploads\" + FileUpload1.FileName);

Label1.Text = "File Uploaded: " + FileUpload1.FileName;

}

else

{

Label1.Text = "No File Uploaded.";

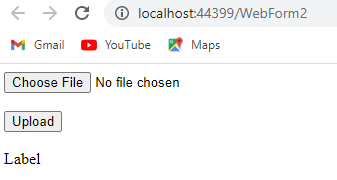
}

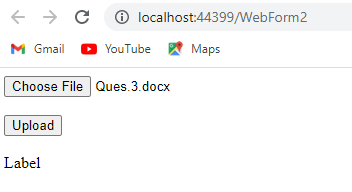
}

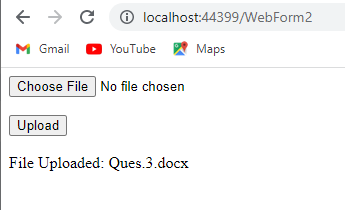
}

}

Output







Checking File Size

WebForm3.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm3.aspx.cs" Inherits="AdRotatorDemo.WebForm3" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

<asp:FileUpload ID="FileUpload1" runat="server" />

<br />

<br />

<asp:Button ID="Button1" runat="server" OnClick="Button1\_Click" Text="Upload" />

<br />

<br />

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

</div>

</form>

</body>

</html>

WebForm3.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace AdRotatorDemo

{

public partial class WebForm3 : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void Button1\_Click(object sender, EventArgs e)

{

string savePath = @"d:\uploads\";

if (FileUpload1.HasFile)

{

int fileSize = FileUpload1.PostedFile.ContentLength;

// Allow only files less than 2,100,000 bytes (approximately 2 MB) to be uploaded.

if (fileSize < 2100000)

{

// Append the name of the uploaded file to the path.

savePath += Server.HtmlEncode(FileUpload1.FileName);

FileUpload1.SaveAs(savePath);

Label1.Text = "Your file was uploaded successfully.";

}

else

{

Label1.Text = "Your file was not uploaded because " +

"it exceeds the 2 MB size limit.";

}

}

else

{

Label1.Text = "You did not specify a file to upload.";

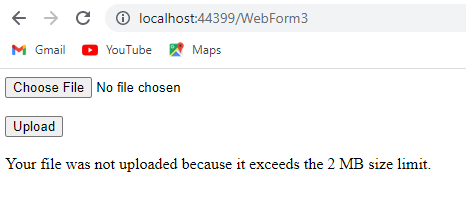
}

}

}

}

Output



1. Database Insert, Update, Delete, and Select

WebForm1.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="DatabaseApplication.WebForm1" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

<br />

<br />

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

<asp:Button ID="Button1" runat="server" OnClick="Button1\_Click" Text="Show" />

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

<asp:Button ID="Button2" runat="server" OnClick="Button2\_Click" Text="Add" />

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

<asp:Button ID="Button3" runat="server" OnClick="Button3\_Click" Text="Update" />

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

<asp:Button ID="Button4" runat="server" OnClick="Button4\_Click" Text="Delete" />

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

<asp:Button ID="Button5" runat="server" Text="Generate Report" />

<br />

<br />

</div>

</form>

</body>

</html>

WebForm1.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace DatabaseApplication

{

public partial class WebForm1 : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void Button1\_Click(object sender, EventArgs e)

{

Response.Redirect("WebForm2.aspx");

}

protected void Button2\_Click(object sender, EventArgs e)

{

Response.Redirect("WebForm3.aspx");

}

protected void Button3\_Click(object sender, EventArgs e)

{

Response.Redirect("WebForm4.aspx");

}

protected void Button4\_Click(object sender, EventArgs e)

{

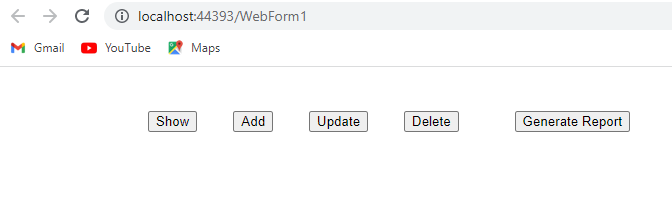
Response.Redirect("WebForm5.aspx");

}

}

}

Output



WebForm2.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs" Inherits="DatabaseApplication.WebForm2" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

<asp:GridView ID="GridView1" runat="server">

</asp:GridView>

</div>

</form>

</body>

</html>

WebForm2.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data;

using System.Data.SqlClient;

namespace DatabaseApplication

{

public partial class WebForm2 : System.Web.UI.Page

{

SqlConnection con;

SqlDataAdapter da;

DataSet ds;

protected void Page\_Load(object sender, EventArgs e)

{

con = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\USER\Documents\emp.mdf;Integrated Security=True;Connect Timeout=30");

con.Open();

da = new SqlDataAdapter("select \* from Employee", con);

ds = new DataSet();

da.Fill(ds);

GridView1.DataSource = ds;

GridView1.DataBind();

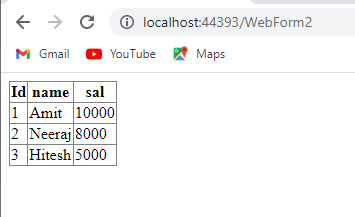
con.Close();

}

}

}

Output



WebForm3.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm3.aspx.cs" Inherits="DatabaseApplication.WebForm3" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Insert a Record<br />

<br />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Employee ID&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

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

<br />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Employee Name&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

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

<br />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Salary&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>

<br />

<br />

<br />

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

<asp:Button ID="Button1" runat="server" OnClick="Button1\_Click" Text="Insert Record" />

</div>

</form>

</body>

</html>

WebForm3.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data;

using System.Data.SqlClient;

namespace DatabaseApplication

{

public partial class WebForm3 : System.Web.UI.Page

{

SqlConnection con;

SqlCommand cmd;

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void Button1\_Click(object sender, EventArgs e)

{

con = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\USER\Documents\EmpDb.mdf;Integrated Security=True;Connect Timeout=30");

con.Open();

int a, b;

String c;

a = Int32.Parse(TextBox1.Text); // emp\_id

c = TextBox2.Text; //ename

b = Int32.Parse(TextBox3.Text); //salary

String str = "insert into Employee values('"+a+"', '"+c+"', '"+b+"')";

cmd = new SqlCommand(str, con);

int n = cmd.ExecuteNonQuery();

if (n > 0)

Response.Write("Record Inserted Successfuly");

else

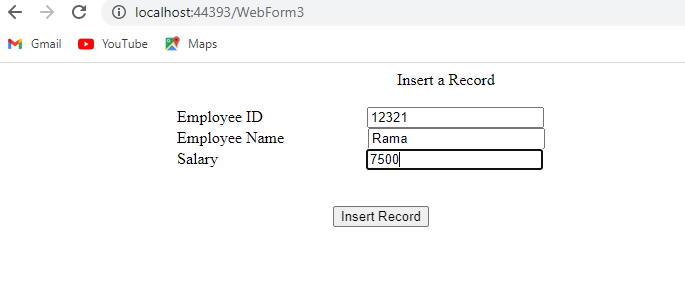
Response.Write("Record not inserted");

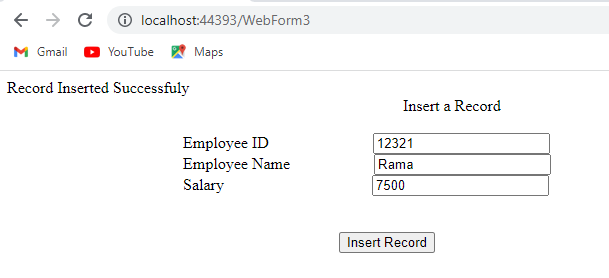
}

}

}

Output





WebForm4.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm4.aspx.cs" Inherits="DatabaseApplication.WebForm4" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

<center><h1>Update Record</h1></center>

<br /><br />

Enter Employee ID:

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

<br />

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

<br />

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

<asp:Button ID="Button1" runat="server" Text="Search" OnClick="Button1\_Click" />

<br />

<br />

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

<br />

Salary:&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>

<br />

<br />

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

<asp:Button ID="Button2" runat="server" OnClick="Button2\_Click" Text="Update" />

</div>

</form>

</body>

</html>

WebForm4.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data;

using System.Data.SqlClient;

namespace DatabaseApplication

{

public partial class WebForm4 : System.Web.UI.Page

{

SqlConnection con;

SqlCommand cmd;

SqlDataReader dr;

int empid, salary;

String ename;

public void CreateConnection()

{

con = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\USER\Documents\EmpDb.mdf;Integrated Security=True;Connect Timeout=30");

con.Open();

}

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void Button2\_Click(object sender, EventArgs e)

{

CreateConnection();

ename = TextBox2.Text;

salary = Int32.Parse(TextBox3.Text);

String str1 = "update Employee set ename='"+ename+"', salary='"+salary+"' where e\_id="+empid;

cmd = new SqlCommand(str1, con);

int n = cmd.ExecuteNonQuery();

if (n > 0)

Response.Write("Record Update Successfully.");

else

Response.Write("Record not updated.");

}

protected void Button1\_Click(object sender, EventArgs e)

{

CreateConnection();

empid = Int32.Parse(TextBox1.Text);

String str = "select \* from Employee where e\_id=" + empid;

cmd = new SqlCommand(str, con);

dr = cmd.ExecuteReader();

while(dr.Read())

{

ename = dr[1].ToString();

salary = Int32.Parse(dr[2].ToString());

}

TextBox2.Text = ename;

TextBox3.Text = salary.ToString();

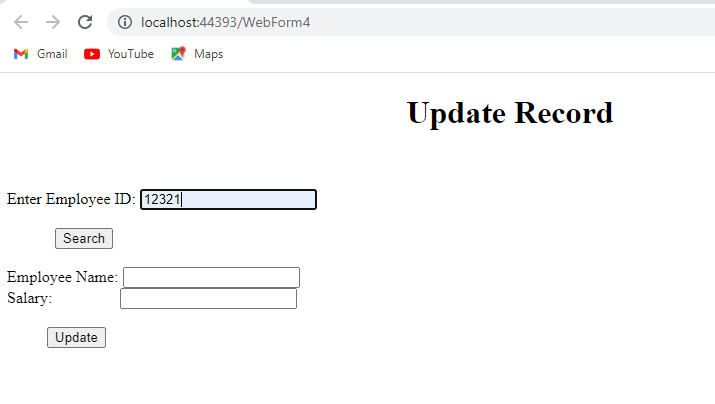
con.Close();

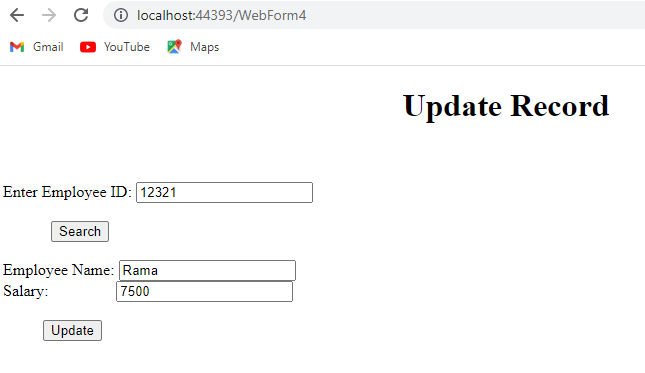
}

}

}

Output





WebForm5.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm5.aspx.cs" Inherits="DatabaseApplication.WebForm5" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Enter the Employee Id to Delete

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

<br />

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

<asp:Button ID="Button1" runat="server" OnClick="Button1\_Click" Text="Click to Delete" />

<br />

<br />

<br />

</div>

</form>

</body>

</html>

WebForm5.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data;

using System.Data.SqlClient;

namespace DatabaseApplication

{

public partial class WebForm5 : System.Web.UI.Page

{

SqlConnection con;

SqlCommand cmd;

protected void Page\_Load(object sender, EventArgs e)

{

con = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\USER\Documents\EmpDb.mdf;Integrated Security=True;Connect Timeout=30");

con.Open();

}

protected void Button1\_Click(object sender, EventArgs e)

{

String query = "delete from employee where e\_id=" + TextBox1.Text;

cmd = new SqlCommand(query,con);

int n = cmd.ExecuteNonQuery();

if (n > 0)

Response.Write("record deleted successfully");

else

Response.Write("record NOT found");

}

}

}

Output

