Program 1

Create a simple Web Page showing the use of basic Web Controls of ASP.NET

a. <u>Button Control</u>

Displays a push button control on the Web Forms page.

```
<asp:Button id="MyButton"

    Text="label"

    CommandName="command"

    CommandArgument="commandargument"

    CausesValidation="true | false"

    OnClick="OnClickMethod"

    runat="server"/>
```

Declaration for a **submit** button control in an .aspx file.

```
<asp:Button id="SubmitButton"

    Text="Submit"

    OnClick="SubmitBtn_Click"

    runat="server"/>
```

Declaration for a **command** button control in an .aspx file.

```
<asp:Button id="SortAscendingButton"

    Text="Sort Ascending"

    CommandName="Sort"

    CommandArgument="Ascending"

    OnCommand="CommandBtn_Click"

    runat="server"/>
```

Shows an event-handling method that gets the button click and displays the information passed from the button in
its **CommandName** and **CommandArgument** properties.

Sub CommandBtn_Click(sender As Object, e As CommandEventArgs)

  Message.Text = "You clicked the " & e.CommandName & _

        " - " & e.CommandArgument & " button."

End Sub

[C#]

void CommandBtn_Click(Object sender, CommandEventArgs e)

{

  Message.Text = "You clicked the " + e.CommandName +

        " - " + e.CommandArgument + " button.";

}

b. CheckBox Control

Creates a check box control that allows the user to switch between
a **true** or **false** state.

```
<asp:CheckBox id="CheckBox1"

    AutoPostBack="True|False"

    Text="Label"

    TextAlign="Right|Left"

    Checked="True|False"

    OnCheckedChanged="OnCheckedChangedMethod"

    runat="server"/>
```

Declaration for a **CheckBox** control in an .aspx file

```
<asp:CheckBox id=Check1 runat="server"
```

Text="CheckBox 1"

AutoPostBack="True"/>

c. HyperLink Web Server Control

Creates a link on the page that users can click to move to another page.

<asp:HyperLink id="HyperLink1"

NavigateURL="url"

Text="HyperLinkText"

ImageUrl="url"

Target="window"

runat="server"/>

or

<asp:HyperLink id="HyperLink1"""

NavigateURL="url"

ImageUrl="url"

Target="window"

runat="server">

Text

</asp:HyperLink>

Demonstrates how to use a **HyperLink** control to move to another Web page.

<html>

```
<head>

</head>

<body>

  <h3>HyperLink Sample</h3>

  Click on the HyperLink:<br>

  <asp:HyperLink id="hyperLink1"

     ImageUrl="images\pict.jpg"

     NavigateURL="https://www.microsoft.com"

     Text="Microsoft Official Site"

     Target="_new"

     runat="server"/>

</body>

</html>
```

d. Image Web Server Control

Displays a Web-compatible image on the Web Forms page.

```
<asp:Image id="Image1" runat="server"

   ImageUrl="string"

   AlternateText="string"

   ImageAlign="NotSet|AbsBottom|AbsMiddle|BaseLine|

          Bottom|Left|Middle|Right|TextTop|Top"/>
```

Demonstrates how to use the **Image** control to display an image on a Web Forms page.

<html>

<head>

</head>

<body>

  <form runat="server">

    <h3>Image Sample</h3>

    <asp:Image id="image1" runat="server"

      AlternateText="Image Description"

      ImageAlign="left"

      ImageUrl="pict.jpg"/>

  </form>

</body>

</html>

e. Label Web Server Control

Displays static text on a Web Forms page and allows you to manipulate it programmatically.

<asp:Label id="Label1"

  Text="label"

  runat="server"/>

or

<asp:Label id="Label1"

```
    runat="server">

  Text

</asp:Label>
```

f. LinkButton Web Server Control

Creates a hyperlink-style button on a Web Forms page.

```
<asp:LinkButton id="LinkButton1"

    Text="label"

    Command="Command"

    CommandArgument="CommandArgument"

    CausesValidation="true | false"

    OnClick="OnClickMethod"

    runat="server"/>
```

or

```
<asp:LinkButton id="LinkButton1"

    Command="Command"

    CommandArgument="CommandArgument"

    CausesValidation="true | false"

    OnClick="OnClickMethod"

    runat="server"/>

  Text

</asp:LinkButton>
```

g. RadioButton Web Server Control

Creates an individual radio button on the page.

```
<asp:RadioButton id="RadioButton1"

    AutoPostBack="True|False"

    Checked="True|False"

    GroupName="GroupName"

    Text="label"

    TextAlign="Right|Left"

    OnCheckedChanged="OnCheckedChangedMethod"

    runat="server"/>
```

h. TableCell Web Server Control

Represents a cell in a **Table** control and allows you to manipulate it programmatically.

```
<asp:TableCell id="TableCell1"

    ColumnSpan="colcount"

    RowSpan="rowcount"

    HorizontalAlign="Center|Justify|Left|NotSet|Right"

    VerticalAlign="Bottom|Middle|NotSet|Top"

    Wrap="True|False"

    runat="server">
```

Cell text

```
</asp:TableCell>
```

i. TableRow Web Server Control

Represents a row in the **Table** control and allows you to manipulate it programmatically.

```
<asp:TableRow id="TableRow1"

    HorizontalAlign="Center|Justify|Left|NotSet|Right"

    VerticalAlign="Bottom|Middle|NotSet|Top"

    runat="server">

<asp:TableCell>

        Cell text

    </asp:TableCell>

  </asp:TableRow>
```

j.   TextBox Web Server Control

Creates single-line and multiline text boxes.

```
<asp:TextBox id="value"

    AutoPostBack="True|False"

    Columns="characters"

    MaxLength="characters"

    Rows="rows"

    Text="text"

    TextMode="SingleLine | MultiLine | Password"

    Wrap="True|False"

    OnTextChanged="OnTextChangedMethod"

    runat="server"/>
```

Program 2

Create a Web Page showing the integration of multiple forms in ASP.NET

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN" >
<HTML>
    <HEAD>
        <title>Main</title>
        <meta content="Microsoft Visual Studio .NET 7.1" name="GENERATOR">
        <meta content="C#" name="CODE_LANGUAGE">
        <meta content="JavaScript" name="vs_defaultClientScript">
        <meta content="http://schemas.microsoft.com/intellisense/ie5" name="vs_targe
tSchema">
        <link type="text/css" href="MyStyle.css" rel="stylesheet">
    </HEAD>
    <body MS_POSITIONING="GridLayout">
        <form id="frmMain" method="post" runat="server">
            <table cellSpacing="0" cellPadding="0" width="95%" border="0">
                <caption class="tblCaption">Post data to same page [ Main.aspx
]</caption>
                <tr class="rowStyle">
                    <td width="25%">First Name</td>
                    <td width="25%"><input class="inputformat" type="text" id="txtFN
ame" runat="server" NAME="txtFName"></td>
                    <td width="25%">Last Name</td>
                    <td width="25%"><input class="inputformat" type="text" id="txtLN
ame" runat="server" NAME="txtLName"></td>
                </tr>
                <tr class="rowStyle">
                    <td></td>
                    <td colspan="2" align="center"><asp:Button CssClass="buttonStyle"
 id="btnSubmit" runat="server" Text="Post to Main"></asp:Button></td>
                    <td></td>
                </tr>
            </table>
        </form>
        <br>
        <!------
            The following form is design by using core ASP model which has
            action attribute to define the url of the page where we want to
```

```
        post/send data.
    //---------->

        <form action="A1.aspx" method="post">
            <table cellSpacing="0" cellPadding="0" width="95%" border="0">
                <caption class="tblCaption">Post data to another page [ A1.aspx
]</caption>
                <tr class="rowStyle">
                    <td width="25%">First Name</td>
                    <!---
                        define name of the control so that you can access its
                        value by using its name in A1.aspx page
                    //--->
                    <td width="25%"><input class="inputformat" type="text" name="fn
ame"></td>
                    <td width="25%">Last Name</td>
                    <td width="25%"><input class="inputformat" type="text" name="ln
ame"></td>
                </tr>
                <tr class="rowStyle">
                    <td></td>
                    <td colspan="2" align="center"><input class="buttonStyle" type="su
bmit" value="Post to A1"></td>
                    <td></td>
                </tr>
            </table>
        </form>
    </body>
</HTML>
```

[Main.aspx.cs]
```
using System;
using System.Collections;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Web;
using System.Web.SessionState;
using System.Web.UI;
using System.Web.UI.WebControls;
```

```csharp
using System.Web.UI.HtmlControls;

namespace MultipleForm
{
        /// <summary>
        /// Summary description for Main.
        /// </summary>
        public class Main : System.Web.UI.Page
        {
                protected System.Web.UI.WebControls.Button btnSubmit;
                protected System.Web.UI.HtmlControls.HtmlInputText txtFName;
                protected System.Web.UI.HtmlControls.HtmlInputText txtLName;
                protected System.Web.UI.WebControls.TextBox txtfname;


                private void Page_Load(object sender, System.EventArgs e)
                {
                        // Put user code to initialize the page here
                        Response.Write("<font>First Name : " + txtFName.Value  + "<br>");
                        Response.Write("Last Name   : " + txtLName.Value  + "</font><br>");
                }

                #region Web Form Designer generated code
                override protected void OnInit(EventArgs e)
                {
                        //
                        // CODEGEN: This call is required by the ASP.NET Web Form Designer.
                        //
                        InitializeComponent();
                        base.OnInit(e);
                }

                /// <summary>
                /// Required method for Designer support - do not modify
                /// the contents of this method with the code editor.
                /// </summary>

                private void InitializeComponent()
                {
                        this.Load += new System.EventHandler(this.Page_Load);
```

```
            }
            #endregion
        }
}
```

[A1.aspx.cs]
```csharp
using System;
using System.Collections;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Web;
using System.Web.SessionState;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.HtmlControls;
using System.Collections.Specialized;
/* The System.Collections.Specialized namespace has
 * NameValueCollection class which will be used to
 * retrieve form fields data by defined name
 *
 */

namespace MultipleForm
{
        /// <summary>
        /// Summary description for A1.
        /// </summary>
        public class A1 : System.Web.UI.Page
        {
                private void Page_Load(object sender, System.EventArgs e)
                {
                        // Put user code to initialize the page here
                        Response.Write("<font>Data posted to A1.apsx page <br>");
                        // declare object of NameValueCollection class
                        NameValueCollection userdata;
                        // The form property of Request class returns a collection of form
variables
                        // thus 'userdata' contains data in the form of Name-Value
```

```csharp
            userdata = Request.Form;
            // now we can retrieve value of any form field by its name
            Response.Write("First Name : " + userdata["fname"].ToString() +
"<br>");
            Response.Write("Last Name : " + userdata["lname"].ToString() +
"</font><br>");
        }

        #region Web Form Designer generated code
        override protected void OnInit(EventArgs e)
        {
            //
            // CODEGEN: This call is required by the ASP.NET Web Form Designer.
            //
            InitializeComponent();
            base.OnInit(e);
        }

        /// <summary>
        /// Required method for Designer support - do not modify
        /// the contents of this method with the code editor.
        /// </summary>

        private void InitializeComponent()
        {
            this.Load += new System.EventHandler(this.Page_Load);
        }

        #endregion
    }
}
```

Program 3

Create a basic student registration form in ASP.NET

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="RegistraionForm.aspx.cs" Inherits="RegistraionForm" %>


<!DOCTYPE html>


<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <table class="auto-style1">
                <tr>
                    <td>Name :</td>
                    <td>
                        <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
                    </td>

                </tr>
                <tr>
                    <td>Password</td>
                    <td> <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox></td>
```

```asp
                </tr>
                <tr>
                  <td>Confirm Password</td>
                  <td>
                    <asp:TextBox ID="TextBox3" runat="server" TextMode="Password"></asp:TextBox>
                  </td>
                </tr>
                <tr>
                  <td>City</td>
                  <td>
                    <asp:DropDownList ID="DropDownList1" runat="server">
                      <asp:ListItem Text="Select City" Value="select" Selected="True"></asp:ListItem>
                      <asp:ListItem Text="Bangalore" Value="Bangalore"></asp:ListItem>
                      <asp:ListItem Text="Mysore" Value="Mysore"></asp:ListItem>
                      <asp:ListItem Text="Hubli" Value="hubli"></asp:ListItem>
                    </asp:DropDownList>
                  </td>
                </tr>
                <tr>
                  <td>Gender</td>
                  <td>
                    <asp:RadioButtonList ID="RadioButtonList1" runat="server">
                      <asp:ListItem>Male</asp:ListItem>
                      <asp:ListItem>Female</asp:ListItem>
```

```
            </asp:RadioButtonList>

          </td>

        </tr>

        <tr>

          <td>Gmail</td>

          <td>

            <asp:TextBox ID="TextBox4" runat="server"></asp:TextBox>

          </td>

        </tr>

        <tr>

          <td>

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

          </td>

        </tr>

      </table>

    </div>

  </form>

</body>

</html>
```

Name :	[ ]
Password	[ ]
Confirm Password	[ ]
City	Select City ▾
Gender	○ Male ○ Female
Gmail	[ ]
Submit	

Program 4

Create a Web Form to display all the validation controls of ASP.NET

Add New web page in application

<div>

```
<asp:TextBox ID="txtName" placeholder="Enter Full Name" runat="server"></asp:TextBox>

<br />

<asp:TextBox ID="txtEmail" placeholder="Enter Email" runat="server"></asp:TextBox>

<br />

<asp:TextBox ID="txtMobile" placeholder="Enter Mobile" runat="server"></asp:TextBox>

<br />

<asp:TextBox ID="txtPassword" placeholder="Enter Password" runat="server"></asp:TextBox>

<br />

<asp:TextBox ID="txtAge" placeholder="Enter Age" runat="server"></asp:TextBox>

<br />
```

```
<asp:Button ID="btnSubmit" runat="server" Text="Submit"

    OnClick="btnSubmit_Click" />

</div>
```


Apply validation for the following fields:

Field	Validation	Property
Full Name	Required	ControlToValidate="txtName"
Email	Required	ControlToValidate="txtEmail"
	RegularExpression	ValidationExpression="\w+([-+.']\w+)*@\w+([-.]\w+)*\.\w+([-.]\w+)*"
Mobile	Required	ControlToValidate="txtMobile"
	10 Digit Mobile Number	ValidationExpression="\d{10}"
Password	Required	ControlToValidate="txtPassword"
	Compare Password and Confirm Password	ControlToCompare="txtPassword" ControlToValidate="txtConfirmPassword"
Age	Required	ControlToValidate="txtAge"
	Range validator	MaximumValue="40" MinimumValue="18"

```
<div>

    Full Name :<asp:TextBox ID="txtName" placeholder="Enter Full Name" runat="server"></asp:TextBox>


    <asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server" ErrorMessage="Name cannot be blank" ControlToValidate="txtName" ForeColor="Red"></asp:RequiredFieldValidator>
```

```
<br />
Email :<asp:TextBox ID="txtEmail" placeholder="Enter Email" runat="server"></asp:TextBox>

<asp:RequiredFieldValidator ID="RequiredFieldValidator2" runat="server" ErrorMessage="Email cannot be blank" ControlToValidate="txtEmail" ForeColor="Red"></asp:RequiredFieldValidator>

<asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server" ControlToValidate="txtEmail" ErrorMessage="Enter proper email format" ForeColor="Red" ValidationExpression="\w+([-+.']\w+)*@\w+([-.]\w+)*\.\w+([-.]\w+)*"></asp:RegularExpressionValidator>

<br />
Mobile :<asp:TextBox ID="txtMobile" placeholder="Enter Mobile" runat="server"></asp:TextBox>

<asp:RequiredFieldValidator ID="RequiredFieldValidator3" runat="server" ErrorMessage="Mobile cannot be blank" ControlToValidate="txtMobile" ForeColor="Red"></asp:RequiredFieldValidator>

<asp:RegularExpressionValidator ID="RegularExpressionValidator2" runat="server" ControlToValidate="txtMobile" ErrorMessage="Mobile number must be 10 digit" ForeColor="Red" ValidationExpression="\d{10}"></asp:RegularExpressionValidator>

<br />
Password :<asp:TextBox ID="txtPassword" placeholder="Enter Password" runat="server"></asp:TextBox>

<asp:RequiredFieldValidator ID="RequiredFieldValidator4" runat="server" ErrorMessage="Password cannot be blank" ControlToValidate="txtPassword" ForeColor="Red"></asp:RequiredFieldValidator>
```

```
<asp:CompareValidator ID="CompareValidator1" runat="server" ControlToComp
are="txtPassword" ControlToValidate="txtConfirmPassword" ErrorMessage="Password
and confiem password must be same" ForeColor="Red"></asp:CompareValidator>

        <br />

        Confirm Password :<asp:TextBox ID="txtConfirmPassword" placeholder="Confirm
 Password" runat="server"></asp:TextBox>

        <br />

        Age :<asp:TextBox ID="txtAge" placeholder="Enter Age" runat="server"></asp:T
extBox>

        <asp:RequiredFieldValidator ID="RequiredFieldValidator5" runat="server" ErrorM
essage="Age cannot be blank" ControlToValidate="txtAge" ForeColor="Red"></asp:Re
quiredFieldValidator>

        <asp:RangeValidator ID="RangeValidator1" runat="server" ErrorMessage="Age
must be between 18 to 40" ControlToValidate="txtAge" ForeColor="Red" MaximumValu
e="40" MinimumValue="18"></asp:RangeValidator>

        <br />


        <asp:Button ID="btnSubmit" runat="server" Text="Submit"

           OnClick="btnSubmit_Click" />

    </div>
```

Program 5

Create a Cookie and set its expiry date. Demonstrate its application on Web form

A Cookie is a small amount of text that attached to the requet and response in between browser and the server. This small amount of text can be read by the application whenever user browse it. Please note that cookie is not a good medium to store the confidential data as it is stored into the user browser.

```
<p><asp:Label ID="lblTime" runat="server" EnableViewState="false" /></p>
```

```
<asp:Button ID="btnCookieSet" runat="server" Text="Set Cookie" OnClick="SetCookie" />
```

```
<asp:Button ID="btnCookieGet" runat="server" Text="Get Cookie" OnClick="GetCookie" />
```

In the above code snippet, we a Label and two buttons. Label is used to write the current date time on the page. The first button executes SetCookie server side method and second button executes GetCookie server side method.

```
protected void Page_Load(object sender, EventArgs e)

{

lblTime.Text = DateTime.Now.ToString();

}


protected void SetCookie(object sender, EventArgs e)

{

// set the cookie

Response.Cookies["MyCookie"].Value = "My cookie data";

Response.Cookies["MyCookie"].Expires = DateTime.Now.AddSeconds(10);

}


protected void GetCookie(object sender, EventArgs e)
```

```csharp
{
if (Request.Cookies["MyCookie"] != null)
{
string cookieValue = Request.Cookies["MyCookie"].Value;
Response.Write(cookieValue);
}
}
```



```csharp
var request = (HttpWebRequest)WebRequest.Create(args[0]);
request.CookieContainer = new CookieContainer();


using (var response = (HttpWebResponse) request.GetResponse())
{
    // Print the properties of each cookie.
    foreach (Cookie cook in response.Cookies)
    {
        Console.WriteLine("Cookie:");
        Console.WriteLine($"{cook.Name} = {cook.Value}");
        Console.WriteLine($"Domain: {cook.Domain}");
```

```csharp
            Console.WriteLine($"Path: {cook.Path}");

            Console.WriteLine($"Port: {cook.Port}");

            Console.WriteLine($"Secure: {cook.Secure}");


            Console.WriteLine($"When issued: {cook.TimeStamp}");

            Console.WriteLine($"Expires: {cook.Expires} (expired? {cook.Expired})");

            Console.WriteLine($"Don't save: {cook.Discard}");

            Console.WriteLine($"Comment: {cook.Comment}");

            Console.WriteLine($"Uri for comments: {cook.CommentUri}");

            Console.WriteLine($"Version: RFC {(cook.Version == 1 ? 2109 : 2965)}");


            // Show the string representation of the cookie.
            Console.WriteLine($"String: {cook}");
        }
}
```

Program 6

Manage the state of a web form at global level and configure the states at application level

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Default.aspx.cs"
Inherits="statedemo._Default" %>


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


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


  <head runat="server">
    <title>
      Untitled Page
    </title>
  </head>


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


      <div>
        <h3>View State demo</h3>


        Page Counter:


        <asp:Label ID="lblCounter" runat="server" />
```

```
        <asp:Button ID="btnIncrement" runat="server" Text="Add Count"
onclick="btnIncrement_Click" />

    </div>


  </form>

 </body>


</html>


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

{

  public int counter

  {

    get

    {

      if (ViewState["pcounter"] != null)

      {

        return ((int)ViewState["pcounter"]);

      }

      else

      {

        return 0;

      }

    }


    set
```

```
    {

      ViewState["pcounter"] = value;

    }

  }


  protected void Page_Load(object sender, EventArgs e)

  {

    lblCounter.Text = counter.ToString();

    counter++;

  }

}
```

The session state object is a name-value pair to store and retrieve some information from the session state object.

```
void StoreSessionInfo()

{

  String fromuser = TextBox1.Text;

  Session["fromuser"] = fromuser;

}


void RetrieveSessionInfo()

{

  String fromuser = Session["fromuser"];

  Label1.Text = fromuser;

}
```

The concept of storing session state.

```
<%@ Page Language="C#" AutoEventWireup="true"  CodeFile="Default.aspx.cs"
Inherits="_Default"  %>

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

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

  <head runat="server">
    <title>
      Untitled Page
    </title>
  </head>

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

        <table style="width: 568px; height: 103px">

          <tr>
            <td style="width: 209px">
              <asp:Label ID="lblstr" runat="server" Text="Enter a String"
style="width:94px">
              </asp:Label>
            </td>
```

```
    <td style="width: 317px">

      <asp:TextBox ID="txtstr" runat="server" style="width:227px">

      </asp:TextBox>

    </td>

</tr>


<tr>

  <td style="width: 209px"> </td>

  <td style="width: 317px"> </td>

</tr>


<tr>

  <td style="width: 209px">

    <asp:Button ID="btnnrm" runat="server"

      Text="No action button" style="width:128px" />

  </td>


  <td style="width: 317px">

    <asp:Button ID="btnstr" runat="server"

      OnClick="btnstr_Click" Text="Submit the String" />

  </td>

</tr>


<tr>

  <td style="width: 209px">  </td>
```

```
                    <td style="width: 317px">  </td>
            </tr>


            <tr>
               <td style="width: 209px">
                  <asp:Label ID="lblsession" runat="server"  style="width:231px"  >
                   </asp:Label>
                </td>


                <td style="width: 317px">  </td>
            </tr>


            <tr>
               <td style="width: 209px">
                  <asp:Label ID="lblshstr" runat="server">
                   </asp:Label>
                </td>


                <td style="width: 317px">  </td>
            </tr>


        </table>


     </div>
   </form>
 </body>
```

</html>

The following code snippet shows the basic syntax for storing application state information:

```
Void Application_Start(object sender, EventArgs e)

{

   Application["startMessage"] = "The application has started.";

}


Void Application_End(object sender, EventArgs e)

{

   Application["endtMessage"] = "The application has ended.";

}
```

Program 7

Apply the form-based authentication technique on web form in ASP.NET

Configure security settings in the Web.config File

```
<authentication mode="Forms">

   <forms name=".ASPXFORMSDEMO" loginUrl="logon.aspx"

     protection="All" path="/" timeout="30" />

</authentication>
```

Deny access to the anonymous user in the <authorization> section as follows:

```
<authorization>

   <deny users ="?" />

   <allow users = "*" />

</authorization>
```

Sample database table to store users details

```
if exists (select * from sysobjects where id =

object_id(N'[dbo].[Users]') and OBJECTPROPERTY(id, N'IsUserTable') = 1)

   drop table [dbo].[Users]

GO

CREATE TABLE [dbo].[Users] ([uname] [varchar] (15) NOT NULL,

   [Pwd] [varchar] (25) NOT NULL,

   [userRole] [varchar] (25) NOT NULL,

) ON [PRIMARY]
```

GO

ALTER TABLE [dbo].[Users] WITH NOCHECK ADD

   CONSTRAINT [PK_Users] PRIMARY KEY NONCLUSTERED

   ([uname]

) ON [PRIMARY]

GO

INSERT INTO Users values('user1','user1','Manager')

INSERT INTO Users values('user2','user2','Admin')

INSERT INTO Users values('user3','user3','User')

GO

Create a Logon.aspx page

```
<h3>

   <font face="Verdana">Logon Page</font>

</h3>

<table>

   <tr>

     <td>Email:</td>

     <td><input id="txtUserName" type="text" runat="server"></td>

     <td><ASP:RequiredFieldValidator ControlToValidate="txtUserName"

        Display="Static" ErrorMessage="*" runat="server"

        ID="vUserName" /></td>
```

```
        </tr>

        <tr>

          <td>Password:</td>

          <td><input id="txtUserPass" type="password" runat="server"></td>

          <td><ASP:RequiredFieldValidator ControlToValidate="txtUserPass"

          Display="Static" ErrorMessage="*" runat="server"

          ID="vUserPass" />

          </td>

        </tr>

        <tr>

          <td>Persistent Cookie:</td>

          <td><ASP:CheckBox id="chkPersistCookie" runat="server" autopostback="false"
/></td>

          <td></td>

        </tr>

</table>

<input type="submit" Value="Logon" runat="server" ID="cmdLogin"><p></p>

<asp:Label id="lblMsg" ForeColor="red" Font-Name="Verdana" Font-Size="10"
runat="server" />

Validates the user credentials

private bool ValidateUser( string userName, string passWord )

{

   SqlConnection conn;
```

```csharp
SqlCommand cmd;

string lookupPassword = null;


// Check for invalid userName.

// userName must not be null and must be between 1 and 15 characters.

if ( ( null == userName ) || ( 0 == userName.Length ) || ( userName.Length > 15 ))

{

    System.Diagnostics.Trace.WriteLine( "[ValidateUser] Input validation of userName
failed." );

    return false;

}



// Check for invalid passWord.

// passWord must not be null and must be between 1 and 25 characters.

if ( ( null == passWord ) || ( 0 == passWord.Length ) || ( passWord.Length > 25 ))

{

    System.Diagnostics.Trace.WriteLine( "[ValidateUser] Input validation of passWord
failed." );

    return false;

}



try

{
```

```
        // Consult with your SQL Server administrator for an appropriate connection

        // string to use to connect to your local SQL Server.

        conn = new SqlConnection( "server=localhost;Integrated
Security=SSPI;database=pubs" );

        conn.Open();



        // Create SqlCommand to select pwd field from users table given supplied
userName.

        cmd = new SqlCommand( "Select pwd from users where uname=@userName",
conn );

        cmd.Parameters.Add( "@userName", SqlDbType.VarChar, 25 );

        cmd.Parameters["@userName"].Value = userName;



        // Execute command and fetch pwd field into lookupPassword string.

        lookupPassword = (string) cmd.ExecuteScalar();



        // Cleanup command and connection objects.

        cmd.Dispose();

        conn.Dispose();

    }

    catch ( Exception ex )

    {

        // Add error handling here for debugging.
```

```
                // This error message should not be sent back to the caller.

                System.Diagnostics.Trace.WriteLine( "[ValidateUser] Exception " + ex.Message );

            }


            // If no password found, return false.

            if ( null == lookupPassword )

            {

                // You could write failed login attempts here to event log for additional security.

                return false;

            }


            // Compare lookupPassword and input passWord, using a case-sensitive comparison.

            return ( 0 == string.Compare( lookupPassword, passWord, false ));

        }
```

Program 8

Demonstrate a calendar control and a imagemap control on a Web Form

a) Calendar Control

The calendar control is a functionally rich web control, which provides the following capabilities:

- Displaying one month at a time
- Selecting a day, a week or a month
- Selecting a range of days
- Moving from month to month
- Controlling the display of the days programmatically

The basic syntax of a calendar control is:

```
<asp:Calender ID = "Calendar1" runat = "server">

</asp:Calender>
```

Properties and Events of the Calendar Control

Properties	Description
Caption	Gets or sets the caption for the calendar control.
CaptionAlign	Gets or sets the alignment for the caption.
CellPadding	Gets or sets the number of spaces between the data and the cell border.
CellSpacing	Gets or sets the space between cells.
DayHeaderStyle	Gets the style properties for the section that displays the day of the week.
DayNameFormat	Gets or sets format of days of the week.
DayStyle	Gets the style properties for the days in the displayed month.
FirstDayOfWeek	Gets or sets the day of week to display in the first column.

NextMonthText	Gets or sets the text for next month navigation control. The default value is >.
NextPrevFormat	Gets or sets the format of the next and previous month navigation control.
OtherMonthDayStyle	Gets the style properties for the days on the Calendar control that are not in the displayed month.
PrevMonthText	Gets or sets the text for previous month navigation control. The default value is <.
SelectedDate	Gets or sets the selected date.
SelectedDates	Gets a collection of DateTime objects representing the selected dates.
SelectedDayStyle	Gets the style properties for the selected dates.
SelectionMode	Gets or sets the selection mode that specifies whether the user can select a single day, a week or an entire month.
SelectMonthText	Gets or sets the text for the month selection element in the selector column.
SelectorStyle	Gets the style properties for the week and month selector column.
SelectWeekText	Gets or sets the text displayed for the week selection element in the selector column.
ShowDayHeader	Gets or sets the value indicating whether the heading for the days of the week is displayed.
ShowGridLines	Gets or sets the value indicating whether the gridlines would be shown.
ShowNextPrevMonth	Gets or sets a value indicating whether next and previous month navigation elements are shown in the title section.
ShowTitle	Gets or sets a value indicating whether the title section is displayed.

TitleFormat	Gets or sets the format for the title section.
Titlestyle	Get the style properties of the title heading for the Calendar control.
TodayDayStyle	Gets the style properties for today's date on the Calendar control.
TodaysDate	Gets or sets the value for today's date.
UseAccessibleHeader	Gets or sets a value that indicates whether to render the table header <th> HTML element for the day headers instead of the table data <td> HTML element.
VisibleDate	Gets or sets the date that specifies the month to display.
WeekendDayStyle	Gets the style properties for the weekend dates on the Calendar control.

The syntax for selecting days:

<asp:Calender ID = "Calendar1" runat = "server" SelectionMode="DayWeekMonth">

</asp:Calender>

Demonstrates selecting a date and displays the date in a label:

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Default.aspx.cs" Inherits="calendardemo._Default" %>

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

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

```html
<head runat="server">
    <title>
        Untitled Page
    </title>
</head>


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


        <div>
            <h3> Your Birthday:</h3>
            <asp:Calendar ID="Calendar1" runat="server  SelectionMode="DayWeekMonth"
onselectionchanged="Calendar1_SelectionChanged">

            </asp:Calendar>
        </div>


        <p>Todays date is:
            <asp:Label ID="lblday" runat="server"></asp:Label>
        </p>


        <p>Your Birday is:
            <asp:Label ID="lblbday" runat="server"></asp:Label>
        </p>
    </form>
</body>
</html>
```

b) ImageMap control

There are three kinds of hot spot regions defined in ImageMap control.

- RectangleHotSpot
- CircleHotSpot
- PolygonHotSpot

The RectangleHotSpot defines rectangular hot spot regions. The CircleHotSpotdefines circle-shaped ones and the PolygonHotSpot is used for irregularly shaped hot spot area.

Map.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="map.aspx.cs" Inherits="map" %>

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

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


   <head runat="server">
     <title>Untitled Page</title>
   </head>


   <body>
     <form id="form1" runat="server">
       <div>
          <table>
            <tr>
               <td colspan="4">
```

```
<asp:ImageMap ID="india" runat="server" ImageUrl="~/Map.jpg" Height="500px" Width="887px" HotSpotMode="PostBack" OnClick="india_Click" BackColor="#C0C000" BorderColor="DarkSlateGray" ForeColor="Red">

    <asp:CircleHotSpot Radius="7" X="215" Y="125" HotSpotMode="PostBack" NavigateUrl="~/map.aspx" PostBackValue="bhuj" AlternateText="Bhuj" />

    <asp:CircleHotSpot Radius="7" X="525" Y="95" HotSpotMode="PostBack" NavigateUrl="~/map.aspx" PostBackValue="patan" />

    <asp:CircleHotSpot Radius="7" X="565" Y="45" HotSpotMode="PostBack" NavigateUrl="~/map.aspx" PostBackValue="ambaji" />

    <asp:CircleHotSpot Radius="7" X="525" Y="150" HotSpotMode="PostBack" NavigateUrl="~/map.aspx" PostBackValue="me" />

    <asp:CircleHotSpot Radius="7" X="625" Y="120" HotSpotMode="PostBack" NavigateUrl="~/map.aspx" PostBackValue="him" />

    <asp:CircleHotSpot Radius="7" X="495" Y="195" HotSpotMode="PostBack" NavigateUrl="~/map.aspx" PostBackValue="sure" />

    <asp:CircleHotSpot Radius="7" X="565" Y="195" HotSpotMode="PostBack" NavigateUrl="~/map.aspx" PostBackValue="ahd" /> </asp:ImageMap>

    </td>
    <td colspan="2" style="width: 364px">

        <asp:Panel ID="p1" runat="server" Height="20px" Visible="false">

            <asp:Label ID="lbl1" Text="CITY:Bhuj STATE:Gujarat" runat="server" Width="162px" Height="57px" BackColor="MediumVioletRed" Font-Bold="True" Font-Size="Larger" ForeColor="Blue"></asp:Label>

        </asp:Panel>

        <asp:Panel ID="p2" runat="server" Height="18px" Visible="false">

            <asp:Label ID="lbl2" Text="CITY:Patan STATE:Gujarat" runat="server" Width="162px" Height="45px" BackColor="MediumVioletRed" Font-Bold="True" Font-Size="Larger" ForeColor="Blue"></asp:Label>

        </asp:Panel>

        <asp:Panel ID="p3" runat="server" Height="16px" Visible="false">
```

```
                <asp:Label ID="lbl3" Text="CITY:Ambaji STATE:Gujarat" runat="serv
er" Width="160px" BackColor="MediumVioletRed" Font-Bold="True" Font-
Size="Larger" ForeColor="Blue"></asp:Label>

            </asp:Panel>

            <asp:Panel ID="p4" runat="server" Height="14px" Visible="false">

                <asp:Label ID="lbl4" Text="CITY:Mehsana STATE:Gujarat" runat="ser
ver" Width="161px" BackColor="MediumVioletRed" Font-Bold="True" Font-
Size="Larger" ForeColor="Blue"></asp:Label>

            </asp:Panel>

            <asp:Panel ID="p5" runat="server" Height="14px" Visible="false">

                <asp:Label ID="lbl5" Text="CITY:Himatnagar STATE:Gujarat" runat="
server" Width="161px" BackColor="MediumVioletRed" Font-Bold="True" Font-
Size="Larger" ForeColor="Blue"></asp:Label>

            </asp:Panel>

            <asp:Panel ID="p6" runat="server" Height="14px" Visible="false">

                <asp:Label ID="lbl6" Text="CITY:Surendranagar STATE:Gujarat" runa
t="server" Width="90px" BackColor="MediumVioletRed" Font-Bold="True" Font-
Size="Larger" ForeColor="Blue"></asp:Label>

            </asp:Panel>

            <asp:Panel ID="p7" runat="server" Height="14px" Visible="false">

                <asp:Label ID="lbl7" Text="CITY:Ahemdabad STATE:Gujarat" runat=
"server" Width="162px" BackColor="MediumVioletRed" Font-Bold="True" Font-
Size="Larger" ForeColor="Blue"></asp:Label>

            </asp:Panel>

        </td>

      </tr>

    </table>

  </div>

</form>
```

```
    </body>

</html>
```

Map.aspx.cs

```csharp
using System;

using System.Data;

using System.Configuration;

using System.Collections;

using System.Web;

using System.Web.Security;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Web.UI.WebControls.WebParts;

using System.Web.UI.HtmlControls;


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

{


    protected void india_Click(object sender, ImageMapEventArgs e)

    {

        string aa = e.PostBackValue;

        if(aa=="bhuj")

        {

            p1.Visible =true ;

            p2.Visible = false;

            p3.Visible = false;

            p4.Visible = false;
```

```
            p5.Visible = false;

            p6.Visible = false;

            p7.Visible = false;

        }

        else if(aa=="patan")

        {

            p1.Visible =false ;

            p2.Visible =true ;

            p3.Visible = false;

            p4.Visible = false;

            p5.Visible = false;

            p6.Visible = false;

            p7.Visible = false;

        }


        else if (aa == "ambaji")

        {

            p1.Visible = false;

            p2.Visible = false;

            p3.Visible = true;

            p4.Visible = false;

            p5.Visible = false;

            p6.Visible = false;

            p7.Visible = false;


        }
```

```
else if (aa == "him")
{
    p1.Visible = false;
    p2.Visible = false;
    p3.Visible = false ;
    p5.Visible = true;
    p4.Visible = false;
    p6.Visible = false;
    p7.Visible = false;



}


else if (aa == "me")
{
    p1.Visible = false;
    p2.Visible = false;
    p3.Visible = false ;
    p4.Visible = true;
    p5.Visible = false;
    p6.Visible = false;
    p7.Visible = false;
}



else if (aa == "sure")
```

```
                    {

                        p1.Visible = false;

                        p2.Visible = false;

                        p3.Visible = false;

                        p5.Visible = false ;

                        p4.Visible = false;

                        p6.Visible = true;

                        p7.Visible = false;

                    }


                    else if (aa == "ahd")

                    {

                        p1.Visible = false;

                        p2.Visible = false;

                        p3.Visible = false;

                        p5.Visible = false ;

                        p4.Visible = false;

                        p7.Visible = true;

                        p6.Visible = false;


                    }


                }
            }
```
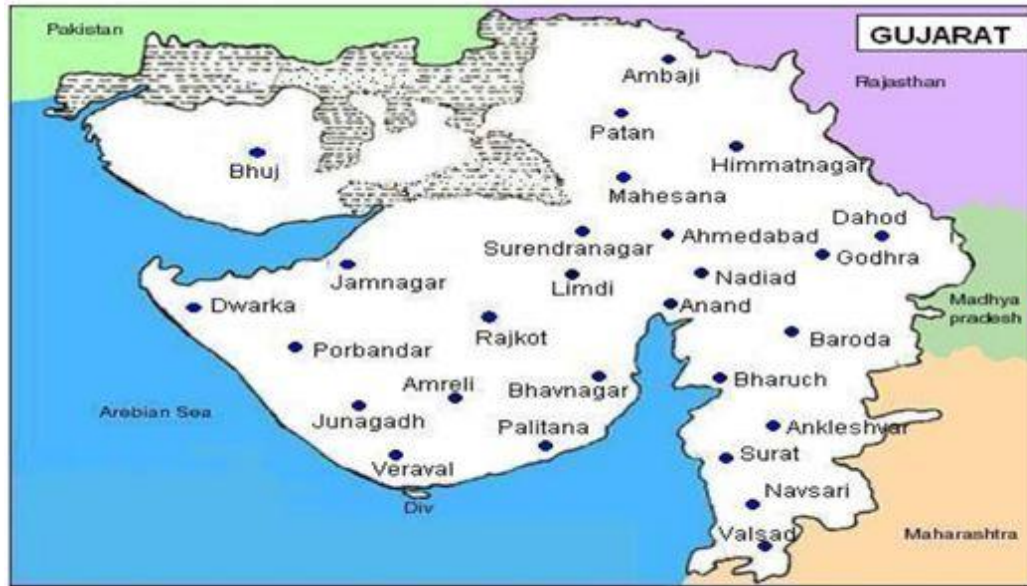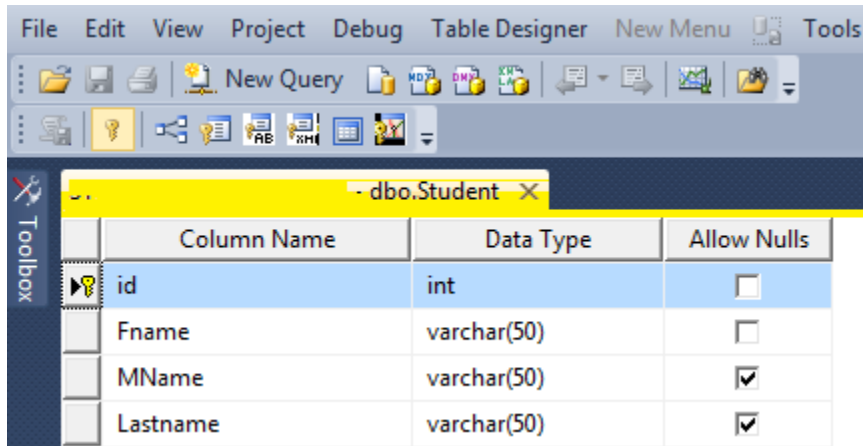
CITY:Patan
STATE:Gujarat

Program 9

Create a web form to store the students' data in the database

Create a table "Student"

Create procedure studentEntryView

(

@Action varchar (10),

@fname Varchar (50),

@Mname varchar (50),

@Lname Varchar (50)

)

as

begin

If @Action='Insert'   --used to insert records

Begin

Insert into Student (Fname,MName,Lastname) values (@fname,@Mname,@Lname)

End

else if @Action='View'   --used to view records

Begin

select *from Student

End

Then switch to the design view; the <form> section of the Default aspx page

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

   <div>

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

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

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

     <asp:ButtonID="Button1"runat="server"Text="Add"onclick="Button1_Click" />

  </div>

 <asp:HiddenFieldID="HiddenField1"runat="server"Value="insert" />

<asp:HiddenField ID="HiddenField2" runat="server" Value="View" />

 <asp:GridViewID="GridView1"runat="server">

   </asp:GridView>

</form>

Insert Data To DataBase as

Double-click on "Button" then write the following code:
protected void Btnsave_Click(object sender, EventArgs e)
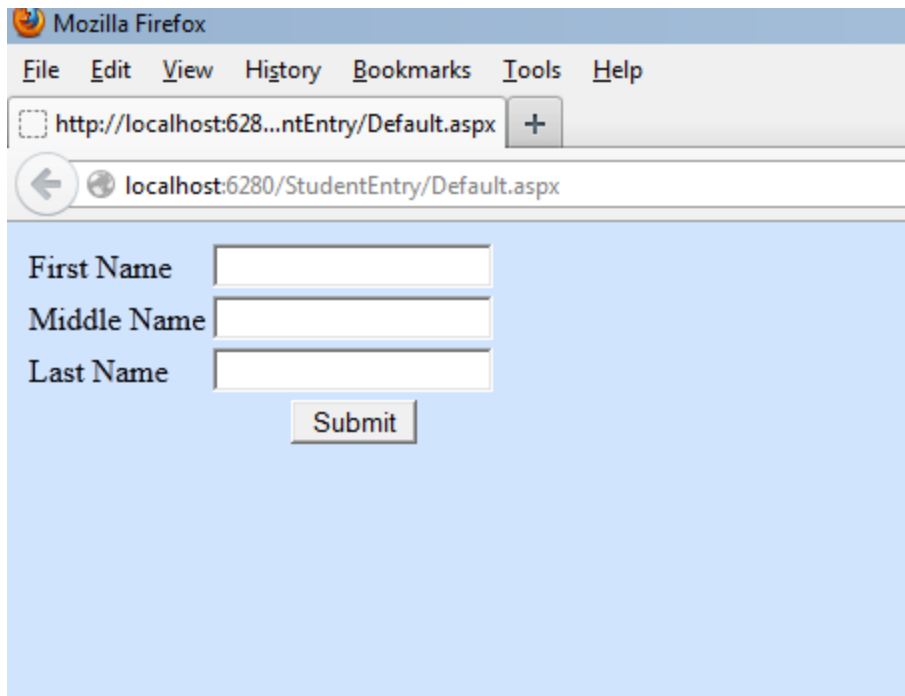
{

   connection();

   query = "studentEntryView";   //Stored Procedure name

   SqlCommand com = new SqlCommand(query, con); //creating SqlCommand object

   com.CommandType = CommandType.StoredProcedure; //here we declaring command type as stored Procedure

```
        /* adding paramerters to  SqlCommand below *\

    com.Parameters.AddWithValue("@Action", HiddenField1.Value).ToString(); //for ing
hidden value to preform insert operation

    com.Parameters.AddWithValue("@FName",TextBox1.Text.ToString());      //first Na
me

    com.Parameters.AddWithValue("@Mname ", TextBox2.Text.ToString());    //middle
Name

    com.Parameters.AddWithValue("@LName ",TextBox3.Text.ToString());     //Last Na
me

    com.ExecuteNonQuery();                  //executing the sqlcommand

    Label1.Visible = true;

    Label1.Text = "Records are Submitted Successfully";

}
```

Program 10

Create a Web application for a Pizza Delivery using ASP.NET components

Database

CREATE DATABASE [PizzaDB] ON PRIMARY

(NAME = N'PizzaDB', FILENAME = N'C:\Program Files\Microsoft SQL Server\MSSQL10_50.MSSQLSERVER\MSSQL\DATA\PizzaDB.mdf' , SIZE = 2048KB , MAXSIZE = UNLIMITED, FILEGROWTH = 1024KB)

 LOG ON

(NAME = N'PizzaDB_log', FILENAME = N'C:\Program Files\Microsoft SQL Server\MSSQL10_50.MSSQLSERVER\MSSQL\DATA\PizzaDB_log.ldf' , SIZE = 1024KB , MAXSIZE = 2048GB , FILEGROWTH = 10%)

CREATE TABLE [dbo].[PizzaMaster](

      [PizzaMasterId] [int] IDENTITY(1,1) NOT NULL,

      [Category] [varchar](50) NULL,

      [PizzaName] [varchar](200) NULL,

      [PizzaDescription] [varchar](500) NULL,

      [Price] [int] NULL,

      [PizzaImagePath] [varchar](200) NULL,

      [PizzaStatus] [varchar](50) NULL,

      [Discount] [int] NULL,

      [Tax] [int] NULL,

 CONSTRAINT [PK_PizzaMaster] PRIMARY KEY CLUSTERED

(

```
        [PizzaMasterId] ASC

)WITH (PAD_INDEX  = OFF, STATISTICS_NORECOMPUTE  = OFF, IGNORE_DUP_KEY =
OFF, ALLOW_ROW_LOCKS  = ON, ALLOW_PAGE_LOCKS  = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI_PADDING OFF

GO

EXEC sys.sp_addextendedproperty @name=N'MS_Description', @value=N'1 For Active 0
For Deactive' , @level0type=N'SCHEMA',@level0name=N'dbo',
@level1type=N'TABLE',@level1name=N'PizzaMaster',
@level2type=N'COLUMN',@level2name=N'PizzaStatus'

GO

SET IDENTITY_INSERT [dbo].[PizzaMaster] ON

INSERT [dbo].[PizzaMaster] ([PizzaMasterId], [Category], [PizzaName], [PizzaDescription],
[Price], [PizzaImagePath], [PizzaStatus], [Discount], [Tax]) VALUES (1, N'Veg', N'Indian
Pizza', N'No 1 Pizza', 300, N'Images/403431319p1.jpeg', N'Active', 5, 5)

INSERT [dbo].[PizzaMaster] ([PizzaMasterId], [Category], [PizzaName], [PizzaDescription],
[Price], [PizzaImagePath], [PizzaStatus], [Discount], [Tax]) VALUES (2, N'Non-Veg',
N'American', N'Good', 599, N'Images/592584891p3.jpg', N'Active', 3, 12)

CREATE TABLE [dbo].[FeedbackMaster](

        [FeedbackMasterId] [int] IDENTITY(1,1) NOT NULL,

        [Feedback] [varchar](100) NULL,

        [LinkToCustomerId] [int] NULL,

 CONSTRAINT [PK_FeedbackMaster] PRIMARY KEY CLUSTERED

(
```

```
        [FeedbackMasterId] ASC

)WITH (PAD_INDEX  = OFF, STATISTICS_NORECOMPUTE  = OFF, IGNORE_DUP_KEY =
OFF, ALLOW_ROW_LOCKS  = ON, ALLOW_PAGE_LOCKS  = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI_PADDING OFF

GO

SET IDENTITY_INSERT [dbo].[FeedbackMaster] ON

INSERT [dbo].[FeedbackMaster] ([FeedbackMasterId], [Feedback], [LinkToCustomerId])
VALUES (7, N'Best System', 1)

CREATE TABLE [dbo].[CustomerMaster](

        [CustomerMasterId] [int] IDENTITY(1,1) NOT NULL,

        [CustomerName] [varchar](50) NULL,

        [Gender] [bit] NULL,

        [MobileNumber] [varchar](10) NULL,

        [EmailId] [varchar](150) NULL,

        [Address] [varchar](500) NULL,

        [LinkToCityMasterId] [int] NULL,

        [Pincode] [varchar](8) NULL,

        [Password] [varchar](100) NULL,

 CONSTRAINT [PK_CustomerMaster] PRIMARY KEY CLUSTERED

(

        [CustomerMasterId] ASC
```

```sql
)WITH (PAD_INDEX  = OFF, STATISTICS_NORECOMPUTE  = OFF, IGNORE_DUP_KEY =
OFF, ALLOW_ROW_LOCKS  = ON, ALLOW_PAGE_LOCKS  = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI_PADDING OFF

GO

EXEC sys.sp_addextendedproperty @name=N'MS_Description', @value=N'1 For Male
And 0 For Female' , @level0type=N'SCHEMA',@level0name=N'dbo',
@level1type=N'TABLE',@level1name=N'CustomerMaster',
@level2type=N'COLUMN',@level2name=N'Gender'

GO

SET IDENTITY_INSERT [dbo].[CustomerMaster] ON

INSERT [dbo].[CustomerMaster] ([CustomerMasterId], [CustomerName], [Gender],
[MobileNumber], [EmailId], [Address], [LinkToCityMasterId], [Pincode], [Password])
VALUES (1, N'Mayur A', 1, N'9913145632', N'customer@gmail.com', N'Surat, Gujrat', 1,
N'123456', N'customer')

SET IDENTITY_INSERT [dbo].[CustomerMaster] OFF

CREATE TABLE [dbo].[CityMaster](

        [CityMasterId] [int] IDENTITY(1,1) NOT NULL,

        [CityName] [varchar](100) NULL,

 CONSTRAINT [PK_CityMaster] PRIMARY KEY CLUSTERED

(

        [CityMasterId] ASC

)WITH (PAD_INDEX  = OFF, STATISTICS_NORECOMPUTE  = OFF, IGNORE_DUP_KEY =
OFF, ALLOW_ROW_LOCKS  = ON, ALLOW_PAGE_LOCKS  = ON) ON [PRIMARY]
```

```sql
) ON [PRIMARY]

GO

SET ANSI_PADDING OFF

GO

SET IDENTITY_INSERT [dbo].[CityMaster] ON

INSERT [dbo].[CityMaster] ([CityMasterId], [CityName]) VALUES (1, N'Surat')

SET IDENTITY_INSERT [dbo].[CityMaster] OFF

CREATE TABLE [dbo].[CategoryMaster](

        [CategoryMasterId] [int] IDENTITY(1,1) NOT NULL,

        [CategoryName] [varchar](100) NULL,

        [VegNonVeg] [varchar](20) NULL,

 CONSTRAINT [PK_CategoryMaster] PRIMARY KEY CLUSTERED

(

        [CategoryMasterId] ASC

)WITH (PAD_INDEX  = OFF, STATISTICS_NORECOMPUTE  = OFF, IGNORE_DUP_KEY =
OFF, ALLOW_ROW_LOCKS  = ON, ALLOW_PAGE_LOCKS  = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI_PADDING OFF

GO

EXEC sys.sp_addextendedproperty @name=N'MS_Description', @value=N'1 For Veg 0
For Non Veg' , @level0type=N'SCHEMA',@level0name=N'dbo',
```

```sql
	@level1type=N'TABLE',@level1name=N'CategoryMaster',
	@level2type=N'COLUMN',@level2name=N'VegNonVeg'

GO

SET IDENTITY_INSERT [dbo].[CategoryMaster] ON

INSERT [dbo].[CategoryMaster] ([CategoryMasterId], [CategoryName], [VegNonVeg])
VALUES (1, N'American', N'Veg')

INSERT [dbo].[CategoryMaster] ([CategoryMasterId], [CategoryName], [VegNonVeg])
VALUES (2, N'Italin', N'Non-Veg')

SET IDENTITY_INSERT [dbo].[CategoryMaster] OFF

CREATE TABLE [dbo].[BillMaster](

	[BillMasterId] [int] IDENTITY(1,1) NOT NULL,

	[LinkToCustomerMasterId] [int] NULL,

	[LinkToPizzaMasterId] [int] NULL,

	[BillDate] [varchar](50) NULL,

	[BillDiscount] [float] NULL,

	[Tax] [float] NULL,

	[Status] [varchar](50) NULL,

	[TotalAmount] [varchar](10) NULL,

	[qty] [int] NULL,

 CONSTRAINT [PK_BillMaster] PRIMARY KEY CLUSTERED

(

	[BillMasterId] ASC
```

```
)WITH (PAD_INDEX  = OFF, STATISTICS_NORECOMPUTE  = OFF, IGNORE_DUP_KEY =
OFF, ALLOW_ROW_LOCKS  = ON, ALLOW_PAGE_LOCKS  = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI_PADDING OFF

GO

SET IDENTITY_INSERT [dbo].[BillMaster] ON

INSERT [dbo].[BillMaster] ([BillMasterId], [LinkToCustomerMasterId],
[LinkToPizzaMasterId], [BillDate], [BillDiscount], [Tax], [Status], [TotalAmount], [qty])
VALUES (1, 1, 1, N'14/01/2020', 5, 5, N'Processing', N'598', 2)

INSERT [dbo].[BillMaster] ([BillMasterId], [LinkToCustomerMasterId],
[LinkToPizzaMasterId], [BillDate], [BillDiscount], [Tax], [Status], [TotalAmount], [qty])
VALUES (2, 1, 2, N'14/01/2020', 3, 12, N'Completed', N'651', 1)

SET IDENTITY_INSERT [dbo].[BillMaster] OFF

/****** Object:  Table [dbo].[AdminMaster]    Script Date: 01/14/2020 11:55:10 ******/

SET ANSI_NULLS ON

GO

SET QUOTED_IDENTIFIER ON

GO

SET ANSI_PADDING ON

GO

CREATE TABLE [dbo].[AdminMaster](

        [AdminMasterEmailId] [varchar](50) NOT NULL,

        [AdminMasterPassword] [varchar](50) NULL,
```

CONSTRAINT [PK_AdminMaster] PRIMARY KEY CLUSTERED

(

    [AdminMasterEmailId] ASC

)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI_PADDING OFF

GO

INSERT [dbo].[AdminMaster] ([AdminMasterEmailId], [AdminMasterPassword]) VALUES (N'admin@gmail.com', N'admin')

AdminAddCategory.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/AdminMaster.Master"
AutoEventWireup="true" CodeBehind="AdminAddCategory.aspx.cs"
Inherits="Pizza_Delivery_System.AdminAddCategory" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1"
runat="server">


    <div class="container-fluid">


      <div class="row">


          <div class="col-md-offset-4 col-md-4">
```

```aspx
<div class="panel panel-default">

    <div class="panel-heading">Add Pizza Category</div>

    <div class="panel-body">

        <label>Category Name<asp:RequiredFieldValidator
ID="RequiredFieldValidator1" runat="server" ErrorMessage="*"
ControlToValidate="txtPizzaCategoryName"
ForeColor="Red"></asp:RequiredFieldValidator></label>
        <asp:TextBox ID="txtPizzaCategoryName" runat="server" class="w3-input"
style="border-radius:0px;"></asp:TextBox>


        <label>Type<asp:RequiredFieldValidator ID="RequiredFieldValidator2"
runat="server" ErrorMessage="*" ControlToValidate="rbtnType"
ForeColor="Red"></asp:RequiredFieldValidator></label><br>
        <asp:RadioButtonList ID="rbtnType" runat="server"
RepeatDirection="Horizontal">
            <asp:ListItem Value="Veg">Veg</asp:ListItem>
            <asp:ListItem Value="Non-Veg">Non-Veg</asp:ListItem>
        </asp:RadioButtonList>
        <br>
        <asp:Button ID="AddPizzaCategory" runat="server" Text="Add" class="btn
btn-warning" style="width:100%;" OnClick="AddPizza_Click" />

    </div>
</div>
```

```
        </div>

    </div>

</div>


</asp:Content>
```

AdminAddPizza.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/AdminMaster.Master"
AutoEventWireup="true" CodeBehind="AdminAddPizza.aspx.cs"
Inherits="Pizza_Delivery_System.AdminAddPizza" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1"
runat="server">


    <div class="container-fluid">


        <div class="row">


            <div class="col-md-offset-4 col-md-4">


                <div class="panel panel-default">


                    <div class="panel-heading">Add Pizza</div>


                    <div class="panel-body">
```

```
<label>Pizza Name<asp:RequiredFieldValidator
ID="RequiredFieldValidator1" runat="server" ErrorMessage="*"
ControlToValidate="txtPizzaName"
ForeColor="Red"></asp:RequiredFieldValidator></label>
        <asp:TextBox ID="txtPizzaName" runat="server" class="w3-input"
style="border-radius:0px;"></asp:TextBox>



        <br>
        <label>Pizza Description<asp:RequiredFieldValidator
ID="RequiredFieldValidator2" runat="server" ErrorMessage="*"
ControlToValidate="txtPizzaDescription"
ForeColor="Red"></asp:RequiredFieldValidator></label>
        <asp:TextBox ID="txtPizzaDescription" runat="server" class="w3-input"
style="border-radius:0px;" MaxLength="100" TextMode="MultiLine"
Rows="3"></asp:TextBox>



        <br>
        <label>Category<asp:RequiredFieldValidator ID="RequiredFieldValidator8"
runat="server" ErrorMessage="*" ControlToValidate="rbtnCategory"
ForeColor="Red"></asp:RequiredFieldValidator>
        <br><br><asp:RadioButtonList ID="rbtnCategory" runat="server"
RepeatDirection="Horizontal">
            <asp:ListItem>Veg</asp:ListItem>
            <asp:ListItem>Non-Veg</asp:ListItem>
        </asp:RadioButtonList></label>
         <!-- <asp:DropDownList class="w3-input" ID="DropDownListCategory"
runat="server" DataSourceID="SqlDataSource1" DataTextField="CategoryName"
DataValueField="CategoryMasterId"></asp:DropDownList>
```

```
        <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="<%$ ConnectionStrings:PizzaDBConnectionString %>"
SelectCommand="SELECT [CategoryMasterId], [CategoryName] FROM
[CategoryMaster]"></asp:SqlDataSource>-->

        <br><br>

        <label>Price<asp:RequiredFieldValidator ID="RequiredFieldValidator4"
runat="server" ErrorMessage="*" ControlToValidate="txtPizzaPrice"
ForeColor="Red"></asp:RequiredFieldValidator></label>

        <asp:TextBox ID="txtPizzaPrice" runat="server" class="w3-input"
style="border-radius:0px;" TextMode="Number"></asp:TextBox>


        <br>

        <label>Pizza Image<asp:RequiredFieldValidator
ID="RequiredFieldValidator5" runat="server" ErrorMessage="*"
ControlToValidate="PizzaImage"
ForeColor="Red"></asp:RequiredFieldValidator></label>

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


        <br>

        <label>Pizza Discount<asp:RequiredFieldValidator
ID="RequiredFieldValidator3" runat="server" ErrorMessage="*"
ControlToValidate="txtDiscount"
ForeColor="Red"></asp:RequiredFieldValidator></label>

        <asp:TextBox ID="txtDiscount" runat="server" class="w3-input"
style="border-radius:0px;" MaxLength="100" TextMode="Number"
Rows="1"></asp:TextBox>



        <br>
```

```aspx
            <label>Tax<asp:RequiredFieldValidator ID="RequiredFieldValidator6"
runat="server" ErrorMessage="*" ControlToValidate="txtTax"
ForeColor="Red"></asp:RequiredFieldValidator></label>

            <asp:TextBox ID="txtTax" runat="server" class="w3-input" style="border-
radius:0px;" MaxLength="100" TextMode="Number" Rows="1"></asp:TextBox>



            <br>

            <label>Status :<asp:RequiredFieldValidator ID="RequiredFieldValidator7"
runat="server" ErrorMessage="*" ControlToValidate="rbtnStatus"
ForeColor="Red"></asp:RequiredFieldValidator>

            <br><br><asp:RadioButtonList ID="rbtnStatus" runat="server"
RepeatDirection="Horizontal">

                <asp:ListItem>Active</asp:ListItem>

                <asp:ListItem>Deactive</asp:ListItem>

            </asp:RadioButtonList></label>



            <br>

            <asp:Button ID="AddPizza" runat="server" Text="Add" class="btn btn-
warning" style="width:100%;" OnClick="AddPizza_Click" />

        </div>

      </div>

    </div>

  </div>

</div>



</asp:Content>
```

AdminDashboard.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/AdminMaster.Master"
AutoEventWireup="true" CodeBehind="AdminDashboard.aspx.cs"
Inherits="Pizza_Delivery_System.AdminDashboard" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1"
runat="server">


  <div class="w3-container">


    <div class="row">


      <div class="col-md-3">
        <div class="panel panel-info">
        <div class="panel-heading"><h1>Total Pizza</h1></div>
        <div class="panel-body">
          <h1>
          <p>
            <span class="w3-tag w3-jumbo w3-padding-large w3-white">
            <asp:Label ID="txtTotalPizza" runat="server" Text="0"></asp:Label>
            </span>


            <h4><a href="AdminViewPizza.aspx" class="w3-right">View
Pizza</a></h4>


          </p>
```

```
        </h1>
      </div>
    </div>
  </div>




      <div class="col-md-3">
        <div class="panel panel-warning">
         <div class="panel-heading"><h1>Processing Order</h1></div>
         <div class="panel-body">
           <h1>
           <p>
             <span class="w3-tag w3-jumbo w3-padding-large w3-white">
             <asp:Label ID="TotalProcessingPizza" runat="server"
Text="0"></asp:Label>
             </span>


             <h4><a href="AdminViewProcessingOrder.aspx" class="w3-right">View
Order</a></h4>
           </p>
           </h1>
         </div>


        </div>
      </div>
```

```
<div class="col-md-3">

    <div class="panel panel-success">

    <div class="panel-heading"><h1>Completed Order</h1></div>

    <div class="panel-body">

      <h1>

      <p>

        <span class="w3-tag w3-jumbo w3-padding-large w3-white">

        <asp:Label ID="TotalCompletedPizza" runat="server"
Text="0"></asp:Label>

          </span>


          <h4><a href="AdminViewCompletedOrder.aspx" class="w3-
right">View Order</a></h4>


      </p>

      </h1>

    </div>

    </div>

  </div>


</div>


</asp:Content>
```

AdminUpdatePizza.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/AdminMaster.Master"
AutoEventWireup="true" CodeBehind="AdminUpdatePizza.aspx.cs"
Inherits="Pizza_Delivery_System.AdminUpdateDeletePizza" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1"
runat="server">

    <div class="container-fluid">


        <div class="row">


            <div class="col-md-offset-4 col-md-4">


                <div class="panel panel-primary">


                    <div class="panel-heading">Update Pizza</div>


                    <div class="panel-body">


                        <label>Pizza Name<asp:RequiredFieldValidator
ID="RequiredFieldValidator1" runat="server" ErrorMessage="*"
ControlToValidate="txtPizzaName"
ForeColor="Red"></asp:RequiredFieldValidator></label>

                        <asp:TextBox ID="txtPizzaName" runat="server" class="w3-input"
style="border-radius:0px;"></asp:TextBox>
```

```
            <br>

            <label>Pizza Description<asp:RequiredFieldValidator
ID="RequiredFieldValidator2" runat="server" ErrorMessage="*"
ControlToValidate="txtPizzaDescription"
ForeColor="Red"></asp:RequiredFieldValidator></label>

            <asp:TextBox ID="txtPizzaDescription" runat="server" class="w3-input"
style="border-radius:0px;" MaxLength="100" TextMode="MultiLine"
Rows="3"></asp:TextBox>


            <br>

            <label>Category<asp:RequiredFieldValidator ID="RequiredFieldValidator8"
runat="server" ErrorMessage="*" ControlToValidate="rbtnCategory"
ForeColor="Red"></asp:RequiredFieldValidator>

            <br><br><asp:RadioButtonList ID="rbtnCategory" runat="server"
RepeatDirection="Horizontal">

                <asp:ListItem>Veg</asp:ListItem>

                <asp:ListItem>Non-Veg</asp:ListItem>

            </asp:RadioButtonList></label>

             <!-- <asp:DropDownList class="w3-input" ID="DropDownListCategory"
runat="server" DataSourceID="SqlDataSource1" DataTextField="CategoryName"
DataValueField="CategoryMasterId"></asp:DropDownList>

            <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="<%$ ConnectionStrings:PizzaDBConnectionString %>"
SelectCommand="SELECT [CategoryMasterId], [CategoryName] FROM
[CategoryMaster]"></asp:SqlDataSource>-->

            <br><br>

            <label>PricPrice<asp:RequiredFieldValidator ID="RequiredFieldValidator4"
runat="server" ErrorMessage="*" ControlToValidate="txtPizzaPrice"
ForeColor="Red"></asp:RequiredFieldValidator></label>

            <asp:TextBox ID="txtPizzaPrice" runat="server" class="w3-input"
style="border-radius:0px;" TextMode="Number"></asp:TextBox>
```

```
<br>
<label>Pizza Image</label><asp:FileUpload ID="PizzaImage"
runat="server" />



 <br>
<label>Pizza Discount:</label><asp:RequiredFieldValidator
ID="RequiredFieldValidator5" runat="server" ErrorMessage="*"
ControlToValidate="txtDiscount" ForeColor="Red"></asp:RequiredFieldValidator>

<asp:TextBox ID="txtDiscount" runat="server" class="w3-input"
style="border-radius:0px;" MaxLength="100" TextMode="Number"
Rows="1"></asp:TextBox>




 <br>
<label>Tax<asp:RequiredFieldValidator ID="RequiredFieldValidator6"
runat="server" ErrorMessage="*" ControlToValidate="txtTax"
ForeColor="Red"></asp:RequiredFieldValidator></label>

<asp:TextBox ID="txtTax" runat="server" class="w3-input" style="border-
radius:0px;" MaxLength="100" TextMode="Number" Rows="1"></asp:TextBox>




 <br>
<label>Status :<asp:RequiredFieldValidator ID="RequiredFieldValidator3"
runat="server" ErrorMessage="*" ControlToValidate="rbtnStatus"
ForeColor="Red"></asp:RequiredFieldValidator>

 <br><br><asp:RadioButtonList ID="rbtnStatus" runat="server"
RepeatDirection="Horizontal">
<asp:ListItem>Active</asp:ListItem>
```

```
            <asp:ListItem>Deactive</asp:ListItem>

        </asp:RadioButtonList></label>



        <br>

        <asp:Button ID="UpdatePizza" runat="server" Text="Update" class="btn
btn-success" style="width:100%;" OnClick="UpdatePizza_Click" />



        </div>

      </div>

    </div>

  </div>

</div>

</asp:Content>
```

AdminViewCompletedOrder

```
<%@ Page Title="" Language="C#" MasterPageFile="~/AdminMaster.Master"
AutoEventWireup="true" CodeBehind="AdminViewCompletedOrder.aspx.cs"
Inherits="Pizza_Delivery_System.AdminViewCompletedOrder" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1"
runat="server">

  <div class="w3-container">


    <br><br>

    <div class="row" >

      <asp:Repeater ID="Pizza" runat="server" >
```

```
<HeaderTemplate>

    <table class="table table-hover text-center">

      <tr>
        <th class="text-center">Bill Id</th>
        <th class="text-center">Date</th>
        <th class="text-center">Image</th>
        <th class="text-center">Pizza</th>
        <th class="text-center">Customer</th>
        <th class="text-center">Quantity</th>
        <th class="text-center">Discount</th>
        <th class="text-center">Tax</th>
        <th class="text-center">Status</th>
        <th class="text-center">Total Amount</th>

      </tr>


</HeaderTemplate>

<ItemTemplate>

    <tr>
      <td><%#Eval("BillMasterId")%></td>
```

```
            <td><%#Eval("BillDate")%></td>

            <td><img src="<%#Eval("PizzaImagePath") %>" alt="Avatar"
style="width:200px;border-radius:10px;"></td>

            <td><%#Eval("PizzaName")%></td>

            <td><%#Eval("CustomerName")%></td>

            <td><%#Eval("qty")%></td>

            <td><%#Eval("BillDiscount")%></td>

            <td><%#Eval("Tax")%></td>

            <td><%#Eval("Status")%></td>

            <td><%#Eval("TotalAmount")%></td>




        </tr>
      </ItemTemplate>


      <FooterTemplate></FooterTemplate>


      </asp:Repeater>


    </div>
  </div>
</asp:Content>
```

Pizza_Delivery_System.Home

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Home.aspx.cs"
Inherits="Pizza_Delivery_System.Home" %>
```

```
<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Pizza Delivery</title>

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <link rel="stylesheet" href="bootstrap/css/bootstrap.min.css">

    <link rel="stylesheet" href="bootstrap/css/w3.css">

        <script src="bootstrap/js/jquery.min.js"></script>

        <script src="bootstrap/js/bootstrap.min.js"></script>

</head>

<body>

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

  <div class="container-fluid">

    <div class="page-header">
```

```
        <h2>Pizza Delivery</h2>

    </div>

    <div class="row">

        <div class="col-md-8">

            <img src="SiteImages/p2.jpg" style="width:100%;"/>

        </div>

        <div class="col-md-4">

            <div class="panel panel-default">

                <div class="panel-heading"><h3>Sign In</h3></div>

                <div class="panel-body">


                    <div class="form-group">

                        Email Id:<asp:RequiredFieldValidator ID="RequiredFieldValidator1"
runat="server" ErrorMessage="*" ControlToValidate="txtEmailId"
ForeColor="Red"></asp:RequiredFieldValidator><br><br>
```

```
            <asp:TextBox ID="txtEmailId" class="form-control"
runat="server"></asp:TextBox>

            </div>


            <div class="form-group">

             Password:<asp:RequiredFieldValidator ID="RequiredFieldValidator2"
runat="server" ErrorMessage="*" ControlToValidate="txtPassword"
ForeColor="Red"></asp:RequiredFieldValidator><br><br>

             <asp:TextBox ID="txtPassword" class="form-control" runat="server"
TextMode="Password"></asp:TextBox>

            </div>

            <asp:Button ID="btnSignIn" runat="server" Text="Submit" class="btn btn-
warning" style="width:100%;" OnClick="btnSignIn_Click"/>


            <br><br>

            <center><a href="SignUp.aspx" style="text-decoration:none;">Sign
Up</a></center>


          </div>
        </div>


      </div>


    </div>
      <br><br>
```

```
<div class="container-fluid row">

    <asp:Repeater ID="Feedback" runat="server">

    <HeaderTemplate>

        <table class="table table-hover text-center table-bordered">

         <tr>

            <th class="text-center">Feedback</th>
             <th class="text-center">Customer Name</th>
          </tr>

    </HeaderTemplate>

    <ItemTemplate>

        <tr>
            <td><asp:Label ID="Feedback" runat="server"
Text=<%#Eval("Feedback")%>></asp:Label></td>
            <td><asp:Label ID="Label1" runat="server"
Text=<%#Eval("CustomerName")%>></asp:Label></td>

        </tr>
```

```
            </ItemTemplate>

            <FooterTemplate> </FooterTemplate>

            </asp:Repeater>


        </div>


    </form>


</body>
</html>
```

Pizza_Delivery_System.SignUp

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="SignUp.aspx.cs"
Inherits="Pizza_Delivery_System.SignUp" %>


<!DOCTYPE html>


<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Sign Up</title>


    <meta name="viewport" content="width=device-width, initial-scale=1">
```

```html
<link rel="stylesheet" href="bootstrap/css/bootstrap.min.css">

<link rel="stylesheet" href="bootstrap/css/w3.css">

    <script src="bootstrap/js/jquery.min.js"></script>

    <script src="bootstrap/js/bootstrap.min.js"></script>

</head>
<body>
    <form id="form1" runat="server">

        <div class="container-fluid">

      <div class="page-header">

          <h2>Pizza Delivery</h2>

      </div>

      <div class="row">

          <div class="col-md-8">

              <img src="SiteImages/p3.jpg" style="width:100%;"/>
```

```
                </div>

        <div class="col-md-4">

            <div class="panel panel-default">

                <div class="panel-heading"><h3>Sign Up</h3></div>

                <div class="panel-body">

                    <div class="form-group">
                     Name:<asp:RequiredFieldValidator ID="RequiredFieldValidator1"
runat="server" ErrorMessage="*" ControlToValidate="txtName"
ForeColor="Red"></asp:RequiredFieldValidator><br><br>
                        <asp:TextBox ID="txtName" class="form-control"
runat="server"></asp:TextBox>
                    </div>

                    <div class="form-group">


                     Gender:<asp:RequiredFieldValidator ID="RequiredFieldValidator2"
runat="server" ErrorMessage="*" ControlToValidate="rbtnGender"
ForeColor="Red"></asp:RequiredFieldValidator><br><br>
                        <asp:RadioButtonList ID="rbtnGender" runat="server"
RepeatDirection="Horizontal" Font-Size="Small">
                            <asp:ListItem Value="1">Male</asp:ListItem>
```

```
            <asp:ListItem Value="0">Female</asp:ListItem>

            </asp:RadioButtonList>

        </div>


            <div class="form-group">

            Mobile No:<asp:RequiredFieldValidator ID="RequiredFieldValidator3"
runat="server" ErrorMessage="*" ControlToValidate="txtMobile" ForeColor="Red"
Display="Dynamic"></asp:RequiredFieldValidator><asp:RegularExpressionValidator
ID="RegularExpressionValidator2" runat="server" ErrorMessage="Enter Valide Number"
ControlToValidate="txtMobile" ForeColor="Red"
ValidationExpression="^([+][9][1]|[9][1]|[0]){0,1}([7-9]{1})([0-
9]{9})$"></asp:RegularExpressionValidator><br><br>

            <asp:TextBox ID="txtMobile" class="form-control" runat="server"
TextMode="Phone"></asp:TextBox>

            </div>


            <div class="form-group">

            Email Id:<asp:RegularExpressionValidator
ID="RegularExpressionValidator3" runat="server" ErrorMessage="Invalide Email Id"
Display="Dynamic" ControlToValidate="txtEmail" ForeColor="Red"
ValidationExpression="\w+([-+.']\w+)*@\w+([-.]\w+)*\.\w+([-
.]\w+)*"></asp:RegularExpressionValidator><asp:RequiredFieldValidator
ID="RequiredFieldValidator4" runat="server" ErrorMessage="*"
ControlToValidate="txtEmail"
ForeColor="Red"></asp:RequiredFieldValidator><br><br>

            <asp:TextBox ID="txtEmail" class="form-control" runat="server"
TextMode="Email"></asp:TextBox>

            </div>


            <div class="form-group">
```

```
                    Address:<asp:RequiredFieldValidator ID="RequiredFieldValidator5"
runat="server" ErrorMessage="*" ControlToValidate="txtAddress"
ForeColor="Red"></asp:RequiredFieldValidator><br><br>

                    <asp:TextBox ID="txtAddress" class="form-control" runat="server"
TextMode="MultiLine" Rows="5"></asp:TextBox>

                </div>


                <div class="form-group">

                City:<br><br>


                    <asp:DropDownList ID="DropDownListCity" runat="server"
DataSourceID="SqlDataSource1" DataTextField="CityName"
DataValueField="CityMasterId" CssClass="form-control"></asp:DropDownList>
                    <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="<%$ ConnectionStrings:PizzaDBConnectionString %>"
SelectCommand="SELECT * FROM [CityMaster]"></asp:SqlDataSource>

                </div>


                <div class="form-group">

                Pincode:<asp:RequiredFieldValidator ID="RequiredFieldValidator6"
runat="server" ErrorMessage="*" ControlToValidate="txtPincode" Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator><asp:RegularExpressionValidator
ID="RegularExpressionValidator1" runat="server" ErrorMessage="Please Enter Only 6
Digit Number" ControlToValidate="txtPincode" ForeColor="Red"
ValidationExpression="\d{6}"></asp:RegularExpressionValidator><br><br>

                    <asp:TextBox ID="txtPincode" class="form-control" runat="server"
TextMode="Number"></asp:TextBox>

                </div>


                <div class="form-group">
```

```
                Password:<asp:RequiredFieldValidator ID="RequiredFieldValidator7"
runat="server" ErrorMessage="*" ControlToValidate="txtPass"
ForeColor="Red"></asp:RequiredFieldValidator><br><br>

                <asp:TextBox ID="txtPass" class="form-control" runat="server"
TextMode="Password"></asp:TextBox>

            </div>

            <asp:Button ID="btnSignUp" runat="server" Text="Submit" class="btn
btn-warning" style="width:100%;" OnClick="btnSignUp_Click"/>

            <br><br>

            <center><a href="Home.aspx" style="text-decoration:none;">Sign
In</a></center>

        </div>

      </div>

    </div>

  </div>

  </form>

</body>

</html>
```