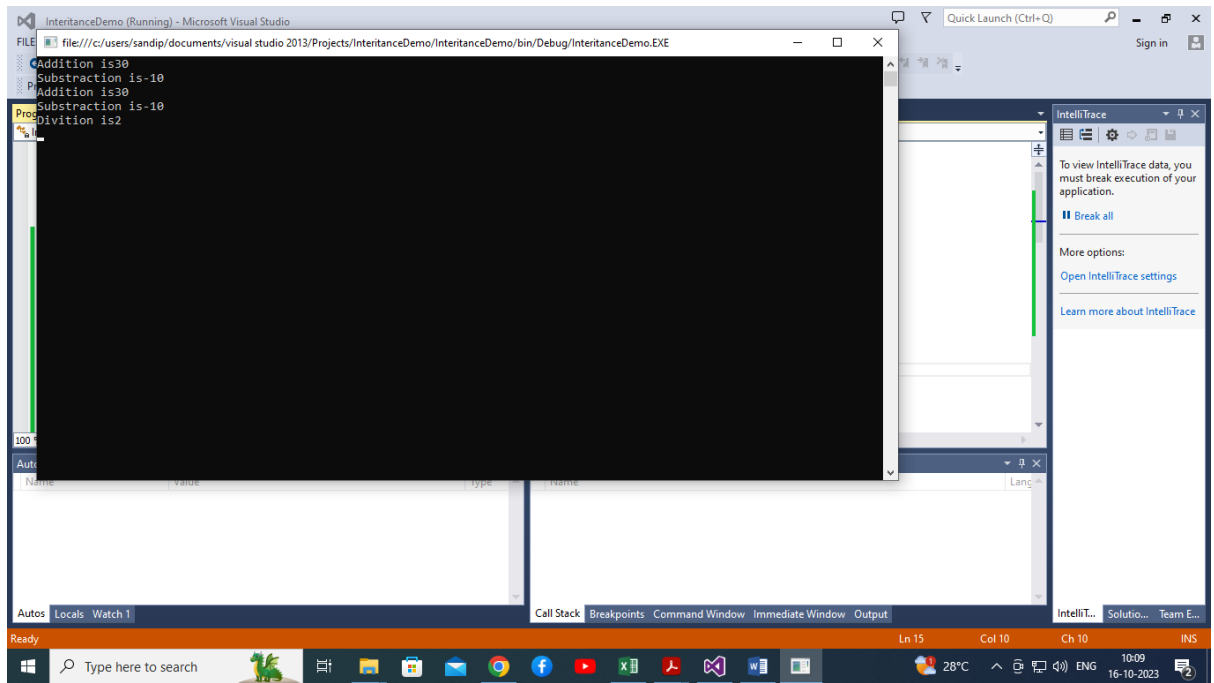- **Demonstrate inheritances in asp.net**

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;

namespace InteritanceDemo
{
    class Baseclass
    {
        int x = 10;
        int y = 20;

        public void Test1()
        {
            Console.WriteLine("Addition is"+(x+y));
        }
        public void Test2()
        {
            Console.WriteLine("Substraction is"+(x-y));
        }
    }
    class Derivedclass : Baseclass
    {
        int a = 10;
        int b = 5;
        public void Test3()
        {
            Console.WriteLine("Divition is"+(a/b));
        }
    }
    class Program
    {
        static void Main(string[] args)
        {
            Baseclass b1 = new Baseclass();
            b1.Test1();
            b1.Test2();

            Derivedclass d1 = new Derivedclass();
            d1.Test1();
            d1.Test2();
            d1.Test3();
            Console.ReadLine();
        }
    }
}
```

file:///c:/users/sandip/documents/visual studio 2013/Projects/InteritanceDemo/InteritanceDemo/bin/Debug/InteritanceDemo.EXE

```
Addition is30
Substraction is-10
Addition is30
Substraction is-10
Division is2
```

Demonstrate Function Overloading in asp.net

```csharp
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;

namespace Function_overloading
{
    class Program
    {
        public void Addition(int x,int y)
        {
            Console.WriteLine("Addition is==" + (x + y));
        }
        public void Addition(int x, int y,int z)
        {
            Console.WriteLine("Addition is==" + (x + y+z));
        }
        public void Addition(int x, int y,int z,int a)
        {
            Console.WriteLine("Addition is==" + (x + y+z+a));
        }
        static void Main(string[] args)
        {

            Program p1 = new Program();
            p1.Addition(5, 10);
            p1.Addition(15, 20, 20);
            p1.Addition(10, 10, 10, 10);
            Console.ReadLine();

        }
    }
}
```
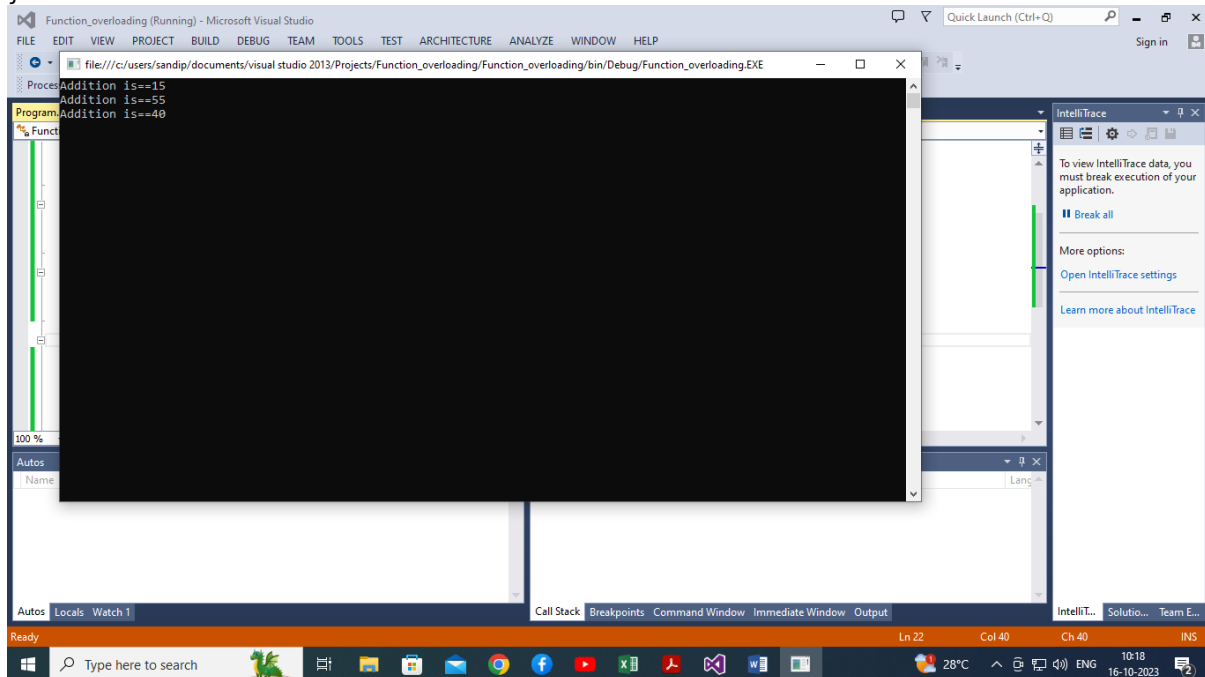

Demonstrate Databinding using ArrayList Data sources.

```csharp
using System;
using System.Collections;
using System.Collections.Generic;
using System.Linq;
```

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

public partial class _Default : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {

    }
    private ArrayList getname()
    {
        ArrayList a = new ArrayList();
        a.Add("Amit");
        a.Add("Mayur");
        a.Add("Anil");
        a.Add("Megha");
        a.Add("Sunil");
        return a;
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        ArrayList b = getname();
        DropDownList1.DataSource = b;
        DropDownList1.DataBind();

        CheckBoxList1.DataSource = b;
        CheckBoxList1.DataBind();


        b.Remove("Amit");
        ListBox1.DataSource = b;
        ListBox1.DataBind();


    }
}
```
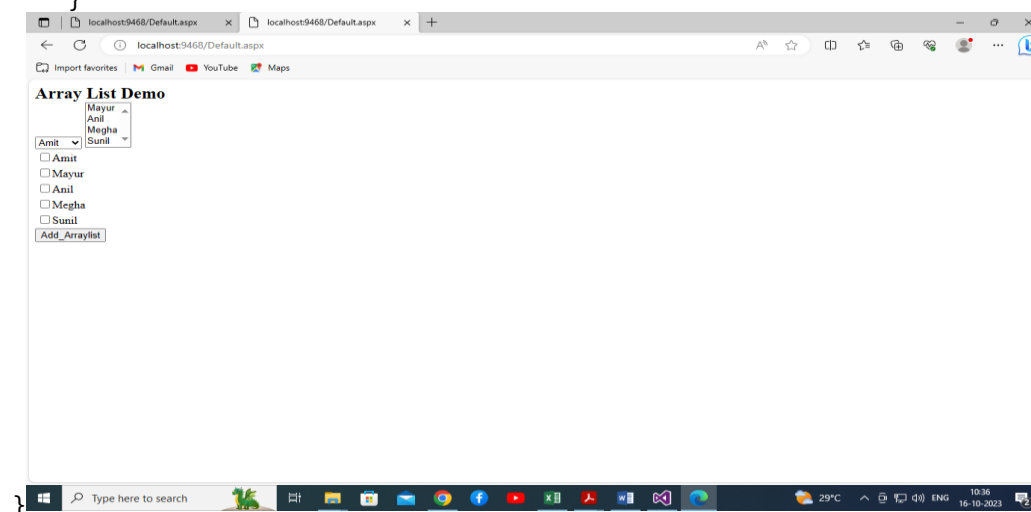

Demonstrate Databinding using DataTable Data sources.

```csharp
using System;
using System.Collections.Generic;
using System.Data;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
```
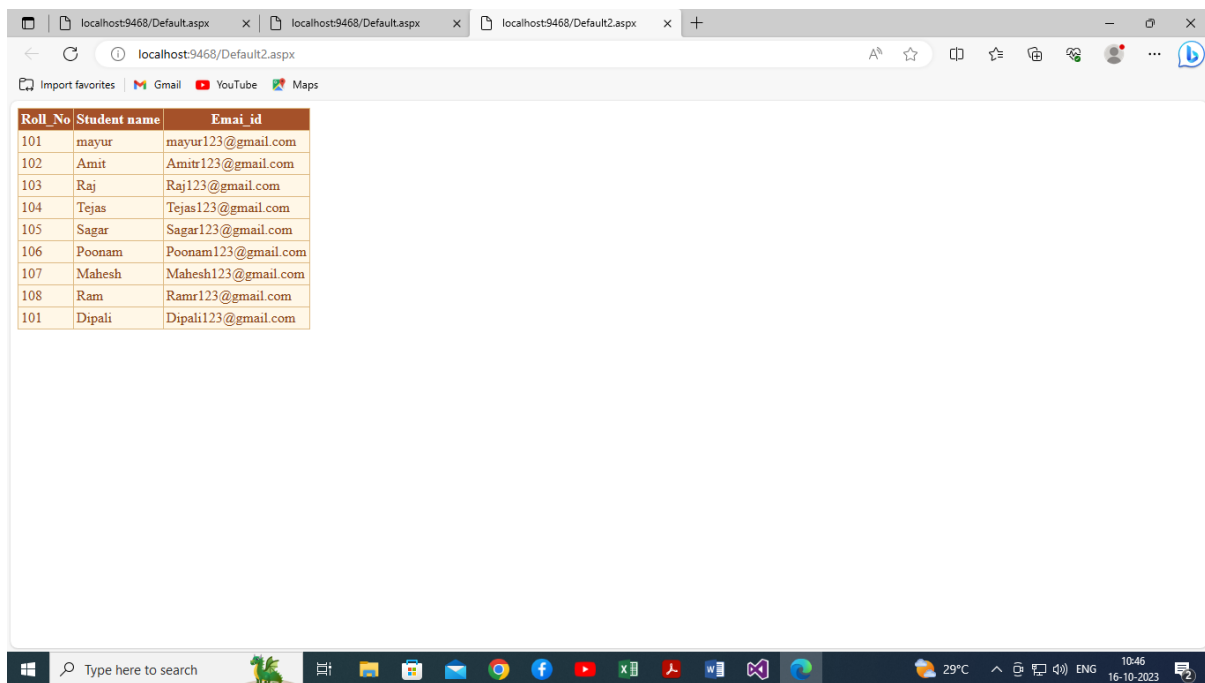
```
public partial class Default2 : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        DataTable da = new DataTable();
        da.Columns.Add("Roll_No");
        da.Columns.Add("Student name");
        da.Columns.Add("Emai_id");


        da.Rows.Add("101", "mayur", "mayur123@gmail.com");
        da.Rows.Add("102", "Amit", "Amitr123@gmail.com");
        da.Rows.Add("103", "Raj", "Raj123@gmail.com");
        da.Rows.Add("104", "Tejas", "Tejas123@gmail.com");
        da.Rows.Add("105", "Sagar", "Sagar123@gmail.com");
        da.Rows.Add("106", "Poonam", "Poonam123@gmail.com");
        da.Rows.Add("107", "Mahesh", "Mahesh123@gmail.com");
        da.Rows.Add("108", "Ram", "Ramr123@gmail.com");
        da.Rows.Add("101", "Dipali", "Dipali123@gmail.com");


        GridView1.DataSource = da;
        GridView1.DataBind();

    }
}
```


- **Demonstrate DropDownList , CheckBoxList, radioButton List Control Demo**

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

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

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

    }
    protected void CheckBoxList1_SelectedIndexChanged(object sender, EventArgs e)
    {

    }

    protected void Button1_Click1(object sender, EventArgs e)
    {
        for (int i = 0; i < CheckBoxList1.Items.Count; i++)
        {

            if (CheckBoxList1.Items[i].Selected)
            {

                Label3.Text += CheckBoxList1.Items[i].Text + "<br />";

            }

        }
        Label4.Text = DropDownList1.SelectedItem.ToString();
        Label5.Text = RadioButtonList1.SelectedItem.ToString();
    }
    protected void DropDownList1_SelectedIndexChanged(object sender, EventArgs e)
    {

    }
}
```

Practical No 1: Write an ASP .net program that demonstrate use of HTML Controls

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

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <style type="text/css">
        body{
            background-size:cover;
        }
        .auto-style10 {
            text-align: center;
            color: #000066;
            font-size: xx-large;
        }
    </style>
</head>
<body style="background-image:url('image/pic.jpg');">
    <form id="form1" runat="server">
        <table align="center" class="auto-style1" border="1">
            <tr>
                <td class="auto-style10" colspan="2">Student Registration Form</td>
            </tr>
            <tr>
                <td class="auto-style9">Student First Name</td>
                <td>
                    <asp:TextBox ID="TextBox1" runat="server" Height="25px" Width="195px"></asp:TextBox>
                </td>
            </tr>
            <tr>
                <td class="auto-style9">Student Last Name</td>
                <td>
                    <asp:TextBox ID="TextBox2" runat="server" Height="24px" Width="192px"></asp:TextBox>
                </td>
            </tr>
            <tr>
                <td class="auto-style9">UserName</td>
                <td>
                    <asp:TextBox ID="TextBox3" runat="server" Height="27px" Width="188px"></asp:TextBox>
                </td>
            </tr>
            <tr>
                <td class="auto-style9">Password</td>
                <td>
```

```aspx
                    <asp:TextBox ID="TextBox4" runat="server" TextMode="Password" Height="25px"
Width="188px"></asp:TextBox>
            </td>
        </tr>
        <tr>
          <td class="auto-style9">Address</td>
          <td>
                    <asp:TextBox ID="TextBox5" runat="server" TextMode="MultiLine"></asp:TextBox>
          </td>
        </tr>
        <tr>
          <td class="auto-style9">Mobile No</td>
          <td>
                    <asp:TextBox ID="TextBox6" runat="server" Height="27px" Width="183px"></asp:TextBox>
          </td>
        </tr>
        <tr>
          <td class="auto-style6">Gender</td>
          <td class="auto-style3">
                    <asp:RadioButton ID="RadioButton1" runat="server" GroupName="a" Text="Male" Font-
Italic="True" Font-Size="Medium" style="font-size: medium" />
                    <asp:RadioButton ID="RadioButton2" runat="server" GroupName="a" Text="Female" Font-
Italic="True" Font-Size="Medium" style="font-size: medium" />
            </td>
        </tr>
        <tr>
          <td class="auto-style7">Hobbies</td>
          <td class="auto-style8">
                <asp:CheckBoxList ID="CheckBoxList1" runat="server" RepeatDirection="Horizontal">
                  <asp:ListItem>cricket</asp:ListItem>
                  <asp:ListItem>dancing</asp:ListItem>
                  <asp:ListItem>reading</asp:ListItem>
                  <asp:ListItem>gaming</asp:ListItem>
                  <asp:ListItem>football</asp:ListItem>
                </asp:CheckBoxList>
            </td>
        </tr>
        <tr>
          <td class="auto-style6">City</td>
          <td class="auto-style3">
                <asp:DropDownList ID="DropDownList1" runat="server" Height="25px" Width="111px">
                  <asp:ListItem>Jalgaon</asp:ListItem>
                  <asp:ListItem>pune</asp:ListItem>
                  <asp:ListItem>nashik</asp:ListItem>
                  <asp:ListItem>mumbai</asp:ListItem>
                  <asp:ListItem>banglore</asp:ListItem>
                </asp:DropDownList>
            </td>
        </tr>
        <tr>
          <td class="auto-style4" colspan="2">
                    <asp:Button ID="Button1" runat="server" BackColor="#FFFFCC" BorderColor="#3333FF"
BorderStyle="Dotted" Font-Italic="True" Font-Overline="False" Font-Size="Large" Font-
Underline="True" ForeColor="Fuchsia" Height="33px" Text="Button" Width="111px"
OnClick="Button1_Click" />
```

```
            </td>
          </tr>
        </table>
        <p>
          <asp:Label ID="Label1" runat="server"></asp:Label>
        </p>
      </form>
  </body>
</html>
```

WebForm.aspx.cs

```csharp
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace wizard
{
    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 uid = TextBox3.Text;
            string pass = TextBox4.Text;
            if(uid=="abc" && pass=="123")
            {
                Label1.Text = "Submitted Sucessfully";
            }
            else
            {
                Label1.Text = "Submitted not Sucessfully";
            }
        }
    }}
```

Practical No 2: Write an ASP .net program that demonstrates use of web controls.

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

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <style type="text/css">
        body{
            background-size:cover;
        }
        .auto-style10 {
            text-align: center;
            color: #000066;
            font-size: xx-large;
        }
    </style>
</head>
<body style="background-image:url('image/pic.jpg');">
    <form id="form1" runat="server">
        <table align="center" class="auto-style1" border="0">
            <tr>
                <td class="auto-style10" colspan="2">Student Registration Form</td>
            </tr>
            <tr>
                <td class="auto-style9">Student First Name</td>
                <td>
                    <asp:TextBox ID="TextBox1" runat="server" Height="25px" Width="195px"></asp:TextBox>
                </td>
            </tr>
            <tr>
                <td class="auto-style9">Student Last Name</td>
```

```
            <td>
                <asp:TextBox ID="TextBox2" runat="server" Height="24px" Width="192px"></asp:TextBox>
            </td>
        </tr>
        <tr>
            <td class="auto-style9">UserName</td>
            <td>
                <asp:TextBox ID="TextBox3" runat="server" Height="27px" Width="188px"></asp:TextBox>
            </td>
        </tr>
        <tr>
            <td class="auto-style9">Password</td>
            <td>
                <asp:TextBox ID="TextBox4" runat="server" TextMode="Password" Height="25px"
Width="188px"></asp:TextBox>
            </td>
        </tr>
        <tr>
            <td class="auto-style9">Address</td>
            <td>
                <asp:TextBox ID="TextBox5" runat="server" TextMode="MultiLine"></asp:TextBox>
            </td>
        </tr>
        <tr>
            <td class="auto-style9">Mobile No</td>
            <td>
                <asp:TextBox ID="TextBox6" runat="server" Height="27px" Width="183px"></asp:TextBox>
            </td>
        </tr>
        <tr>
            <td class="auto-style6">Gender</td>
            <td class="auto-style3">
                <asp:RadioButton ID="RadioButton1" runat="server" GroupName="a" Text="Male" Font-
Italic="True" Font-Size="Medium" style="font-size: medium" />
                <asp:RadioButton ID="RadioButton2" runat="server" GroupName="a" Text="Female" Font-
Italic="True" Font-Size="Medium" style="font-size: medium" />
            </td>
        </tr>
        <tr>
            <td class="auto-style7">Skills</td>
            <td class="auto-style8">
                <asp:CheckBoxList ID="CheckBoxList2" runat="server" RepeatDirection="Horizontal">
                    <asp:ListItem>C#.Net</asp:ListItem>
                    <asp:ListItem>Asp.Net</asp:ListItem>
                    <asp:ListItem>java</asp:ListItem>
                    <asp:ListItem>python</asp:ListItem>
                    <asp:ListItem>Data Analytics</asp:ListItem>
                </asp:CheckBoxList>
            </td>
        </tr>
        <tr>
            <td class="auto-style7">Course</td>
            <td class="auto-style8">
                <asp:DropDownList ID="DropDownList2" runat="server" Height="31px" Width="104px">
                    <asp:ListItem>FYBCA</asp:ListItem>
```

```
                        <asp:ListItem>SYBCA</asp:ListItem>
                        <asp:ListItem>TYBCA</asp:ListItem>
                    </asp:DropDownList>
                </td>
            </tr>
            <tr>
                <td class="auto-style7">Hobbies</td>
                <td class="auto-style8">
                    <asp:CheckBoxList ID="CheckBoxList1" runat="server" RepeatDirection="Horizontal">
                        <asp:ListItem>cricket</asp:ListItem>
                        <asp:ListItem>dancing</asp:ListItem>
                        <asp:ListItem>reading</asp:ListItem>
                        <asp:ListItem>gaming</asp:ListItem>
                        <asp:ListItem>football</asp:ListItem>
                    </asp:CheckBoxList>
                </td>
            </tr>
            <tr>
                <td class="auto-style6">City</td>
                <td class="auto-style3">
                    <asp:DropDownList ID="DropDownList1" runat="server" Height="25px" Width="111px">
                        <asp:ListItem>Jalgaon</asp:ListItem>
                        <asp:ListItem>pune</asp:ListItem>
                        <asp:ListItem>nashik</asp:ListItem>
                        <asp:ListItem>mumbai</asp:ListItem>
                        <asp:ListItem>banglore</asp:ListItem>
                    </asp:DropDownList>
                </td>
            </tr>
            <tr>
                <td class="auto-style4" colspan="2">
                    <asp:Button ID="Button1" runat="server" BackColor="#FFFFCC" BorderColor="#3333FF"
BorderStyle="Dotted" Font-Italic="True" Font-Overline="False" Font-Size="Large" Font-
Underline="True" ForeColor="Fuchsia" Height="33px" Text="Button" Width="111px"
OnClick="Button1_Click" />
                </td>
            </tr>
        </table>
        <p>
            <asp:Label ID="Label1" runat="server"></asp:Label>
        </p>
    </form>
</body>
</html>
```

WebForm.aspx.cs

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace wizard
```

```
{
    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 uid = TextBox3.Text;
            string pass = TextBox4.Text;
            if(uid=="abc" && pass=="123")
            {
                Label1.Text = "Submitted Sucessfully";
            }
            else
            {
                Label1.Text = "Submitted not Sucessfully";
            }
        }
    }
}
```

Practical No 3: Write an ASP .net program that demonstrates use of Validations Controls.

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

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <style type="text/css">
        body{
            background-size:cover;
        }

    </style>
</head>
<body style="background-image:url('image/pic.jpg');">
    <form id="form1" runat="server">
        <table class="auto-style1" align="center">
            <tr>
                <td colspan="2" style="text-align: center" class="auto-style4">Registration Form</td>
            </tr>
            <tr>
                <td class="auto-style3">First name</td>
                <td>
                    <asp:TextBox ID="TextBox1" runat="server" Height="30px" Width="157px"></asp:TextBox>
                    <asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"
ControlToValidate="TextBox1" ErrorMessage="*" ForeColor="Red"></asp:RequiredFieldValidator>
                </td>
            </tr>
```

```html
        <tr>
          <td class="auto-style3">last name</td>
          <td>
            <asp:TextBox ID="TextBox2" runat="server" Height="26px" Width="156px"></asp:TextBox>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator2" runat="server"
ControlToValidate="TextBox2" ErrorMessage="*" ForeColor="Red"></asp:RequiredFieldValidator>
          </td>
        </tr>
        <tr>
          <td class="auto-style3">address</td>
          <td>
            <asp:TextBox ID="TextBox3" runat="server" Height="29px" Width="156px"></asp:TextBox>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator3" runat="server"
ControlToValidate="TextBox3" ErrorMessage="*" ForeColor="Red"></asp:RequiredFieldValidator>
          </td>
        </tr>
        <tr>
          <td class="auto-style3">Mobile NO</td>
          <td>
            <asp:TextBox ID="TextBox4" runat="server" Height="30px" Width="156px"></asp:TextBox>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator4" runat="server"
ControlToValidate="TextBox4" ErrorMessage="*" ForeColor="Red"></asp:RequiredFieldValidator>
 <asp:RegularExpressionValidator ID="RegularExpressionValidator2" runat="server"
ControlToValidate="TextBox4" ErrorMessage="Please enter only 10 digit Mobile Number"
ValidationExpression="\d{10}" ForeColor="Red"></asp:RegularExpressionValidator>
          </td>
        </tr>
        <tr>
          <td class="auto-style3">email id</td>
          <td>
            <asp:TextBox ID="TextBox5" runat="server" Height="32px" Width="159px"></asp:TextBox>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator5" runat="server"
ControlToValidate="TextBox5" ErrorMessage="please enter  email id"
ForeColor="#FF3300"></asp:RequiredFieldValidator>
             
            <asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server"
ControlToValidate="TextBox5" ErrorMessage="Please enter valid email id" ValidationExpression="\w+([-
+.']\w+)*@\w+([-.]\w+)*\.\w+([-.]\w+)*" ForeColor="Red"></asp:RegularExpressionValidator>
          </td>
        </tr>
        <tr>
          <td class="auto-style3">Password</td>
          <td>
            <asp:TextBox ID="TextBox6" runat="server" Height="33px" TextMode="Password"
Width="154px"></asp:TextBox>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator6" runat="server"
ControlToValidate="TextBox6" ErrorMessage="*" ForeColor="Red"></asp:RequiredFieldValidator>
          </td>
        </tr>
        <tr>
          <td class="auto-style3">confirm password</td>
          <td>
            <asp:TextBox ID="TextBox8" runat="server" Height="27px" TextMode="Password"
Width="156px"></asp:TextBox>
```

```
            <asp:CompareValidator ID="CompareValidator1" runat="server"
ControlToCompare="TextBox6" ControlToValidate="TextBox8" ErrorMessage="Password is not match"
ForeColor="Red"></asp:CompareValidator>
            </td>
        </tr>
        <tr>
            <td class="auto-style3">age</td>
            <td>
                <asp:TextBox ID="TextBox7" runat="server" Height="30px" Width="159px"></asp:TextBox>
                <asp:RequiredFieldValidator ID="RequiredFieldValidator7" runat="server"
ControlToValidate="TextBox7" ErrorMessage="*" ForeColor="Red"></asp:RequiredFieldValidator>
                <asp:RangeValidator ID="RangeValidator1" runat="server" ControlToValidate="TextBox7"
ErrorMessage="Please enter valid age range " MaximumValue="25" MinimumValue="18"
ForeColor="#FF3300"></asp:RangeValidator>
 </td>
        </tr>
        <tr>
            <td class="auto-style2" colspan="2">
                <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="SUBMIT"
Height="30px" Width="86px" Font-Bold="True" Font-Italic="True" Font-Overline="False" Font-
Size="Medium" ForeColor="#FF0066" />
                <br />
            </td>
        </tr>
    </table>
    <div>

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

Practical No 4 : Write an ASP .net program Demonstrate use of Master Pages.

```
<%@ Master Language="C#" AutoEventWireup="true" CodeFile="MasterPage.master.cs"
Inherits="MasterPage" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <asp:ContentPlaceHolder id="head" runat="server">
    </asp:ContentPlaceHolde>
</head>
<body>
    <form id="form1" runat="server">
    <div>
        <table align="center" class="auto-style1">
```

```
<tr>
    <td class="auto-style9">
        <asp:Image ID="Image1" runat="server" Height="146px" ImageUrl="~/image/imr_logo.jpg"
Width="152px" />
    </td>
    <tr>
        <td class="auto-style11" colspan="2">
            <asp:Menu ID="Menu1" runat="server" BackColor="#FFFBD6" DynamicHorizontalOffset="2"
Font-Names="Verdana" Font-Size="0.8em" ForeColor="#990000" Orientation="Horizontal"
StaticSubMenuIndent="10px" style="font-size: xx-large; text-decoration: underline; font-style: italic">
                <DynamicHoverStyle BackColor="#990000" ForeColor="White" />
                <DynamicMenuItemStyle HorizontalPadding="5px" VerticalPadding="2px" />
                <DynamicMenuStyle BackColor="#FFFBD6" />
                <DynamicSelectedStyle BackColor="#FFCC66" />
                <Items>
                    <asp:MenuItem Text="Home" Value="Home"></asp:MenuItem>
                    <asp:MenuItem Text="Courses" Value="Courses">
                        <asp:MenuItem NavigateUrl="~/BCA.aspx" Text="BCA"
Value="BCA"></asp:MenuItem>
                        <asp:MenuItem NavigateUrl="~/MCA.aspx" Text="MCA"
Value="MCA"></asp:MenuItem>
                    </asp:MenuItem>
                    <asp:MenuItem NavigateUrl="~/about.aspx" Text="About"
Value="About"></asp:MenuItem>
                    <asp:MenuItem NavigateUrl="~/syllabus.aspx" Text="Syllabus"
Value="Syllabus"></asp:MenuItem>
                    <asp:MenuItem NavigateUrl="~/gallary.aspx" Text="Gallary"
Value="Gallary"></asp:MenuItem>
                    <asp:MenuItem NavigateUrl="~/news.aspx" Text="News"
Value="News"></asp:MenuItem>
                </Items>
                <StaticHoverStyle BackColor="#990000" ForeColor="White" />
                <StaticMenuItemStyle HorizontalPadding="5px" VerticalPadding="2px" />
                <StaticSelectedStyle BackColor="#FFCC66" />
            </asp:Menu>
        </td>
    </tr>
    <tr>
        <td class="auto-style7">
            <asp:TreeView ID="TreeView1" runat="server" Height="171px" ImageSet="News"
NodeIndent="10" Width="152px">
                <HoverNodeStyle Font-Underline="True" />
                <Nodes>
                    <asp:TreeNode Text="Course" Value="Course">
                        <asp:TreeNode NavigateUrl="~/BCA.aspx" Text="BCA" Value="BCA"></asp:TreeNode>
                        <asp:TreeNode NavigateUrl="~/MCA.aspx" Text="MCA"
Value="MCA"></asp:TreeNode>
                    </asp:TreeNode>
                    <asp:TreeNode NavigateUrl="~/contact.aspx" Text="Contact"
Value="Contact"></asp:TreeNode>
                </Nodes>
                <NodeStyle Font-Names="Arial" Font-Size="10pt" ForeColor="Black"
HorizontalPadding="5px" NodeSpacing="0px" VerticalPadding="0px" />
                <ParentNodeStyle Font-Bold="False" />
```
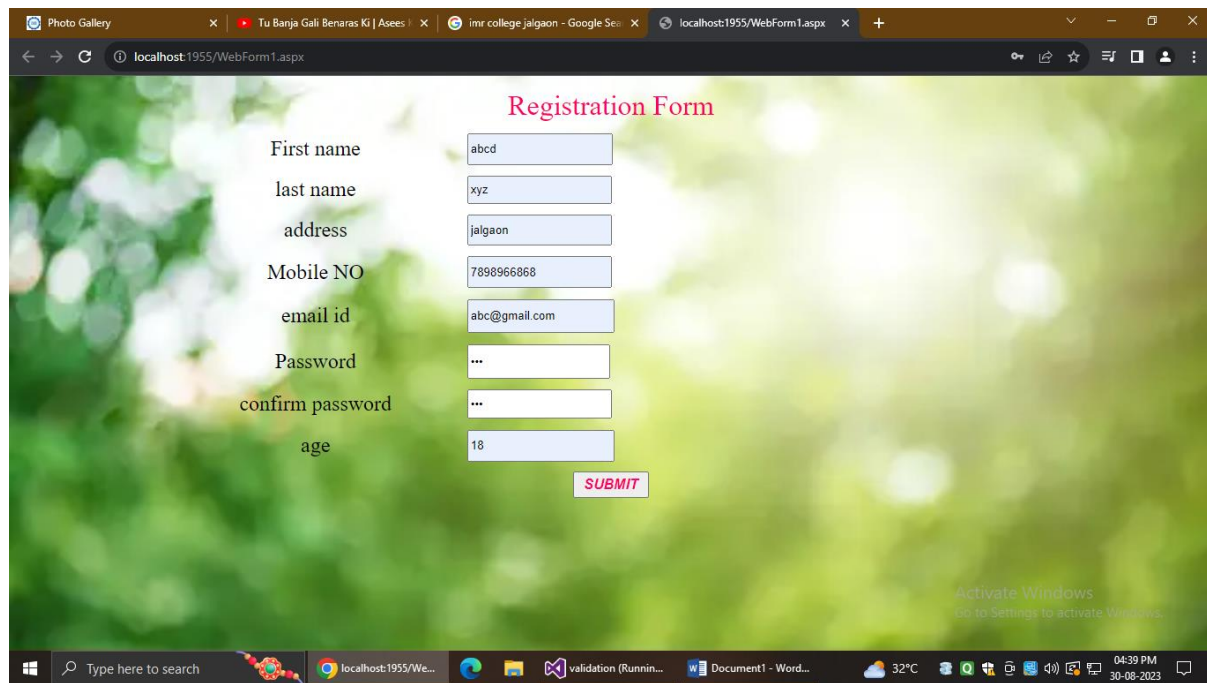
```
                    <SelectedNodeStyle Font-Underline="True" HorizontalPadding="0px"
VerticalPadding="0px" />
                </asp:TreeView>
            </td>
            <td class="auto-style8">
                <asp:ContentPlaceHolder ID="ContentPlaceHolder1" runat="server">
                </asp:ContentPlaceHolder>
            </td>
        </tr>
    </table>
  </div>
  </form>
</body>
</html>
```

Home.aspx page

```
<%@ Page Title="" Language="C#" MasterPageFile="~/MasterPage.master" AutoEventWireup="true"
CodeFile="home.aspx.cs" Inherits="home" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">
    <p style="height: 294px; width: 772px">
    <asp:Image ID="Image2" runat="server" Height="292px" ImageUrl="~/image/IMRJ.JPG"
Width="854px" />
    </p>
</asp:Content>
```

BCA.aspx Page

```
<%@ Page Title="" Language="C#" MasterPageFile="~/MasterPage.master" AutoEventWireup="true"
CodeFile="BCA.aspx.cs" Inherits="BCA" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">
    <p class="auto-style2" style="background-color: #FFFF99">
    BCA ERP FORM</p>
<p>
    <asp:Label ID="Label1" runat="server" Text="FIRST NAME"></asp:Label>
 <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
</p>
<p>
    <asp:Label ID="Label2" runat="server" Text="LAST NAME"></asp:Label>
 <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
</p>
<p>
    <asp:Label ID="Label3" runat="server" Text="USERNAME"></asp:Label>
 
    <asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>
</p>
<p>
    <asp:Label ID="Label4" runat="server" Text="PASSWORD"></asp:Label>
 
    <asp:TextBox ID="TextBox4" runat="server"></asp:TextBox>
</p>
<p style="text-align: center">
```

```
        <asp:Button ID="Button1" runat="server" Text="SUBMIT" />
</p>
</asp:Content>
```

Gallery.aspx page

```
<%@ Page Title="" Language="C#" MasterPageFile="~/MasterPage.master" AutoEventWireup="true"
CodeFile="gallary.aspx.cs" Inherits="gallary" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">
    <p>
    THIS IS GALLARY PAGE
</p>
<p>
    <asp:Image ID="Image2" runat="server" Height="126px" ImageUrl="~/image/imr_logo.jpg"
Width="117px" />
     
    <asp:Image ID="Image3" runat="server" ImageUrl="~/image/butterfly.jpg" Width="200px" />
   
    <asp:Image ID="Image4" runat="server" ImageUrl="~/image/IMR.jpg" style="margin-top: 0px"
Width="104px" />
</p>
<p>
     </p>
</asp:Content>
```

News.aspx page

```
<%@ Page Title="" Language="C#" MasterPageFile="~/MasterPage.master" AutoEventWireup="true"
CodeFile="news.aspx.cs" Inherits="news" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">
    <p>
    ALL NEWS PAPER AVAILABLE IN OUR INSTITUTE</p>
</asp:Content>
```

Output-
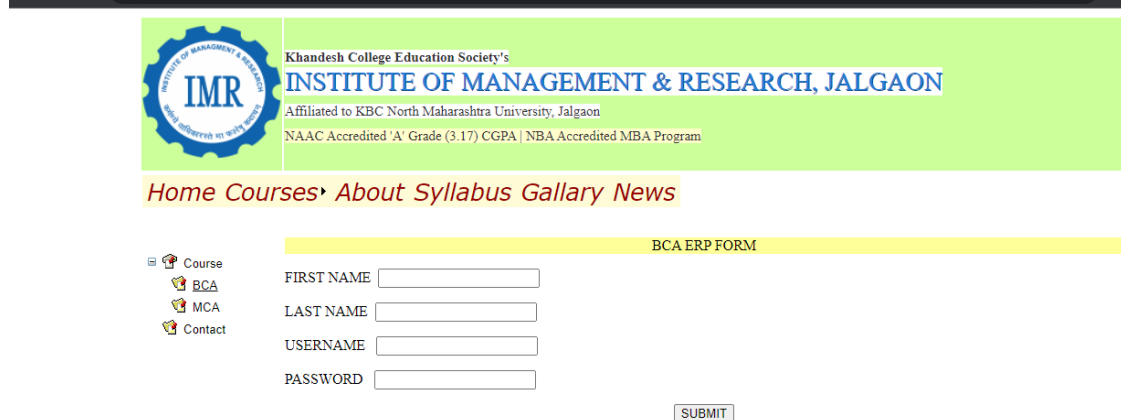
Practical No 5 : Write an ASP .net page that used the connection object to connect the database and display information using datagrid Controls.

WebForm1.aspx page

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

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <style type="text/css">
        .auto-style1 {
            font-size: x-large;
        }
        body{
            background-image:url('image/abc.jpg');
            background-size:cover;
        }
        .auto-style2 {
            text-decoration: underline;
            color: #FFFF99;
        }
    </style>
</head>
<body>
    <form id="form1" runat="server">
    <div style="text-align: center">

        <br />
        <span class="auto-style1"><span class="auto-style2"><strong>Personal Information
Form</strong></span><br />
        <br />

Name</span>            &nb
sp;   
        <asp:TextBox ID="TextBox1" runat="server" Height="20px" Width="192px"></asp:TextBox>
        <br />
        <span class="auto-style1">Mobile No</span>     
        <asp:TextBox ID="TextBox2" runat="server" Height="22px" Width="155px"></asp:TextBox>
        <br />
        <span class="auto-
style1">City</span>           &nbs
p;     
        <asp:TextBox ID="TextBox3" runat="server" Height="20px" Width="149px"></asp:TextBox>
        <br />
        <br />
        <br />
        <asp:Button ID="Button1" runat="server" BackColor="#FF99FF" Font-Bold="True" Font-Italic="True"
Font-Underline="True" Height="30px" OnClick="Button1_Click" Text="save" Width="92px" />
          
        <asp:Button ID="Button2" runat="server" BackColor="#FF99FF" Font-Bold="True" Font-Italic="True"
Font-Underline="True" Height="29px" OnClick="Button2_Click" Text="show" Width="83px" />
        <br />
        <br />
        <asp:GridView ID="GridView1" runat="server" BackColor="White" BorderColor="#CC9966"
BorderStyle="None" BorderWidth="1px" CellPadding="4" Height="20px" style="margin-left: 307px"
Width="653px">
```

```
              <FooterStyle BackColor="#FFFFCC" ForeColor="#330099" />
              <HeaderStyle BackColor="#990000" Font-Bold="True" ForeColor="#FFFFCC" />
              <PagerStyle BackColor="#FFFFCC" ForeColor="#330099" HorizontalAlign="Center" />
              <RowStyle BackColor="White" ForeColor="#330099" />
              <SelectedRowStyle BackColor="#FFCC66" Font-Bold="True" ForeColor="#663399" />
              <SortedAscendingCellStyle BackColor="#FEFCEB" />
              <SortedAscendingHeaderStyle BackColor="#AF0101" />
              <SortedDescendingCellStyle BackColor="#F6F0C0" />
              <SortedDescendingHeaderStyle BackColor="#7E0000" />
          </asp:GridView>
          <br />
          <br />
   

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

WebForm1.aspx.cs page

```
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 connectivity
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        string str = "server=COMP157\\SQLEXPRESS; initial catalog = ABC ;
trusted_connection=true";
        SqlConnection con;
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            con = new SqlConnection(str); con.Open();
            string q = "insert into info values('" + TextBox1.Text + "','" + TextBox2.Text + "','" + TextBox3.Text
+ "')";
            SqlCommand cmd = new SqlCommand(q, con);
            cmd.ExecuteNonQuery();
            TextBox1.Text = " ";
            TextBox2.Text = " ";
            TextBox3.Text = " ";
            // TextBox1.Text = "ok";
            con.Close();
        }
```

```
        protected void Button2_Click(object sender, EventArgs e)
        {
            con = new SqlConnection(str);
            string q2 = "select * from info";
            SqlDataAdapter da = new SqlDataAdapter(q2, con);
            DataSet ds = new DataSet();
            da.Fill(ds);
            GridView1.DataSource = ds;
            GridView1.DataBind();
        }
    }
}
```
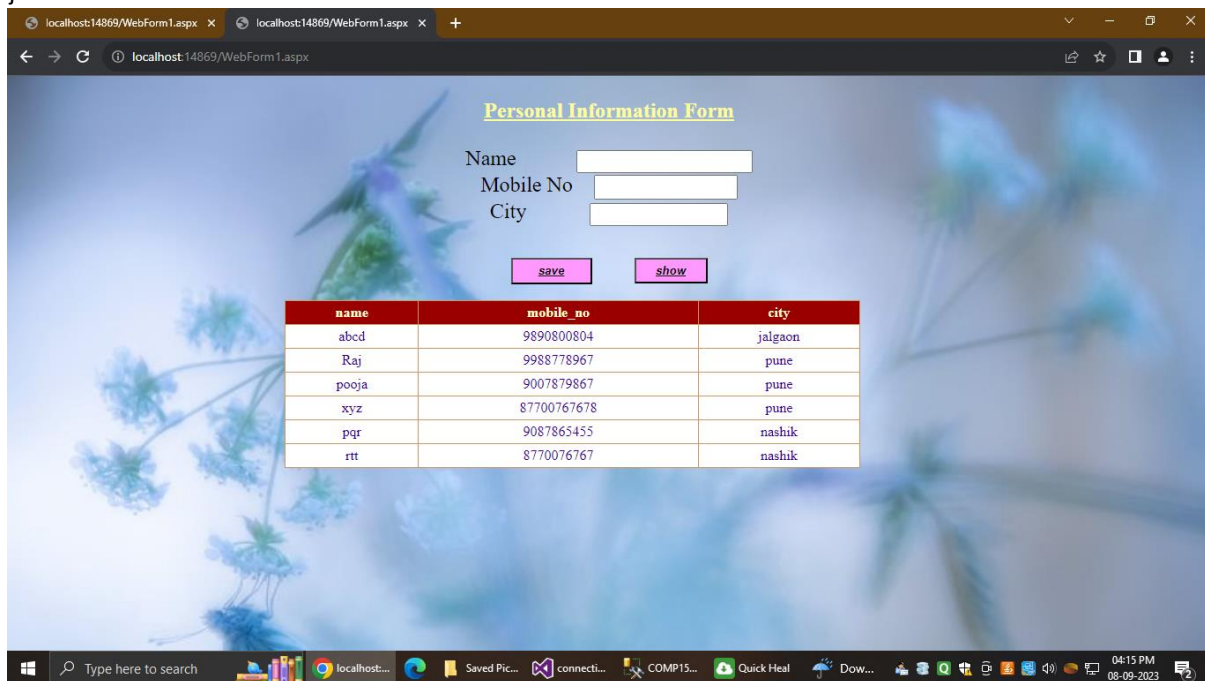

Practical No 6 Demonstrate website navigation controls(sitemap path, treeview, menu) using SiteMap file.

Demo.aspx Web Form i.e Home Page

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

<!DOCTYPE html>
```

```html
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <br />

        <br />
        <br />
        <asp:SiteMapPath ID="SiteMapPath1" runat="server">
        </asp:SiteMapPath>
        <br />
        <asp:Menu ID="Menu1" runat="server" BackColor="#FFFBD6"
DynamicHorizontalOffset="2" Font-Names="Verdana" Font-Size="0.8em"
ForeColor="#990000" Orientation="Horizontal" StaticSubMenuIndent="10px">
            <DynamicHoverStyle BackColor="#990000" ForeColor="White" />
            <DynamicMenuItemStyle HorizontalPadding="5px" VerticalPadding="2px" />
            <DynamicMenuStyle BackColor="#FFFBD6" />
            <DynamicSelectedStyle BackColor="#FFCC66" />
            <Items>
                <asp:MenuItem NavigateUrl="~/demo.aspx" Text="Home"
Value="Home"></asp:MenuItem>
                <asp:MenuItem NavigateUrl="~/about.aspx" Text="About Us" Value="About
Us"></asp:MenuItem>
                <asp:MenuItem NavigateUrl="~/contact.aspx" Text="Contact US"
Value="Contact US"></asp:MenuItem>
            </Items>
            <StaticHoverStyle BackColor="#990000" ForeColor="White" />
            <StaticMenuItemStyle HorizontalPadding="5px" VerticalPadding="2px" />
            <StaticSelectedStyle BackColor="#FFCC66" />
        </asp:Menu>
        <br />
        <br />
        <asp:TreeView ID="TreeView1" runat="server" ImageSet="Simple">
            <HoverNodeStyle Font-Underline="True" ForeColor="#5555DD" />
            <Nodes>

                <asp:TreeNode NavigateUrl="~/fybca.aspx" Text="FYBCA"
Value="FYBCA"></asp:TreeNode>
                <asp:TreeNode NavigateUrl="~/tybca.aspx" Text="TYBCA"
Value="TYBCA"></asp:TreeNode>

                <asp:TreeNode NavigateUrl="~/contact.aspx" Text="Contact"
Value="Contact"></asp:TreeNode>
                <asp:TreeNode NavigateUrl="~/about.aspx" Text="About"
Value="About"></asp:TreeNode>
            </Nodes>
            <NodeStyle Font-Names="Tahoma" Font-Size="10pt" ForeColor="Black"
HorizontalPadding="0px" NodeSpacing="0px" VerticalPadding="0px" />
            <ParentNodeStyle Font-Bold="False" />
            <SelectedNodeStyle Font-Underline="True" ForeColor="#5555DD"
HorizontalPadding="0px" VerticalPadding="0px" />
        </asp:TreeView>
    </form>
</body>
</html>
```
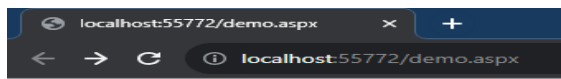
about.aspx web form page
```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="about.aspx.cs"
Inherits="sitemappath.program" %>

<!DOCTYPE html>
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
    <div>
    <br />
        About<br />
        <asp:SiteMapPath ID="SiteMapPath1" runat="server">
        </asp:SiteMapPath>
      </div>
    </form>
</body>
</html>
```

Contact.aspx web form page
```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="contact.aspx.cs"
Inherits="sitemappath.contact" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
    <div>
    contact
        <br />
        <asp:SiteMapPath ID="SiteMapPath1" runat="server">
        </asp:SiteMapPath>
    </div>
    </form>
</body>
</html>
```


fybca.aspx web form page
```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="fybca.aspx.cs"
Inherits="sitemappath.php" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
    <div>
     FYBCA<br />
        <br />
        <asp:SiteMapPath ID="SiteMapPath1" runat="server">
        </asp:SiteMapPath>
    </div>
    </form>
</body>
</html>
```
tybca.aspx web form page

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="tybca.aspx.cs"
Inherits="sitemappath.asp" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
    <div>
    TYBCA<br />
        <br />
        <br />
        <asp:SiteMapPath ID="SiteMapPath1" runat="server">
        </asp:SiteMapPath>
    </div>
    </form>
</body>
</html>


SiteMapPath File Page
<?xml version="1.0" encoding="utf-8" ?>
<siteMap xmlns="http://schemas.microsoft.com/AspNet/SiteMap-File-1.0" >
    <siteMapNode url="demo.aspx" title="Home page"  description="">
        <siteMapNode url="fybca.aspx" title="First year BCA"  description="" >
     <siteMapNode url="tybca.aspx" title="Third Year BCA"  description="" />
        </siteMapNode>
        <siteMapNode url="about.aspx" title="About"  description="" />
        <siteMapNode url="contact.aspx" title="contact us"  description="" />
    </siteMapNode>
</siteMap>
```
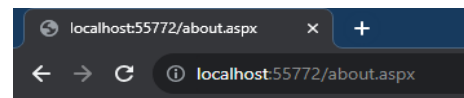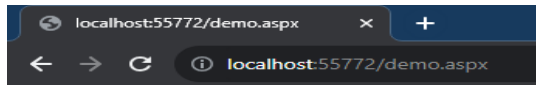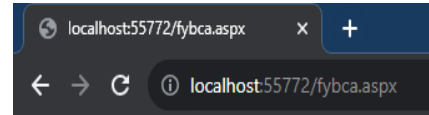
Output:-

Home page
Home | About Us | Contact US

- FYBCA
- TYBCA
- Contact
- About

About

Home page > About
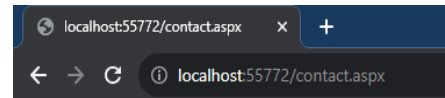
Home page
Home About Us Contact US
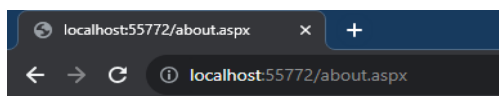
- FYBCA
- TYBCA
- Contact
- About

FYBCA

Home page > First year BCA
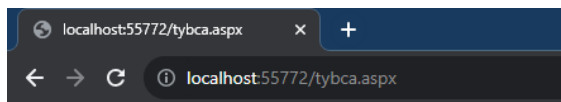
TYBCA

Home page > First year BCA > Third Year BCA

contact
Home page > contact us

About

Home page > About