EXPERIMENT – 1

Aim: Create an application in which you are required to get the user profile information with help of standard asp.net server controls.

Procedure:

Use the Text Box, Label, Button control and properties like Auto post back, Text Mode, Text and other element.

Create a GUI which takes values from user and Display it in standard web controls.

CODE:

1) WebForm1.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="EXP1.WebForm1" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>

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

            <h1>User Information</h1>

            <table>
                <tr>
                    <td >FirstName</td>
                    <td>
                        <asp:TextBox ID="fn" runat="server"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td>LastName</td>
                    <td>
                        <asp:TextBox ID="ln" runat="server"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td>Email</td>
                    <td>
                        <asp:TextBox ID="em" runat="server"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td>Gender</td>
                    <td>
                        <asp:RadioButton ID="Male" runat="server" GroupName="Gender"
Text="Male" />
```

```
                        <asp:RadioButton ID="Female" runat="server"
GroupName="Gender" Text="Female" />
                    </td>
                </tr>
                <tr>
                    <td>Country</td>
                    <td>
                        <asp:DropDownList ID="DropDownList1" runat="server"
AutoPostBack="True" OnSelectedIndexChanged="DropDownList1_SelectedIndexChanged">
                            <asp:ListItem>Select Country</asp:ListItem>
                            <asp:ListItem>India</asp:ListItem>
                            <asp:ListItem>US</asp:ListItem>
                            <asp:ListItem>Canada</asp:ListItem>
                        </asp:DropDownList>
                    </td>
                </tr>
                <tr>
                    <td>State</td>
                    <td>
                        <asp:DropDownList ID="DropDownList2" runat="server">
                            <asp:ListItem>Select State</asp:ListItem>
                        </asp:DropDownList>
                    </td>
                </tr>
                <tr>
                    <td>MobileNo</td>
                    <td>
                        <asp:TextBox ID="mo" runat="server"
TextMode="Number"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td>Address</td>
                    <td>
                        <asp:TextBox ID="ad" runat="server"  TextMode="MultiLine"
Rows="4" ></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td>Password</td>
                    <td>
                        <asp:TextBox ID="pa" runat="server"  TextMode="Password"
></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td>ConfrimPassword</td>
                    <td>
                        <asp:TextBox ID="TextBox6" runat="server"
TextMode="Password"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td> </td>
                    <td> </td>
                </tr>
                <tr>
                    <td></td>
```

```
                    <td>
                        <asp:Button ID="su" runat="server" OnClick="su_Click"
Text="Submit" />
                        <asp:Button ID="cl" runat="server" OnClick="cl_Click"
Text="Clear" />
                    </td>
                </tr>
                <tr>
                    <td> </td>
                    <td> </td>
                </tr>
                <tr>
                    <td><strong>Submited Information</strong></td>
                </tr>

                <tr>
                    <td >FirstName</td>
                    <td >
                        <asp:Label ID="f" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td >LastName</td>
                    <td >
                        <asp:Label ID="l" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td >Email</td>
                    <td >
                        <asp:Label ID="ema" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td>Gender</td>
                    <td>
                        <asp:Label ID="g" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td>Country</td>
                    <td>
                        <asp:Label ID="c" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td>State</td>
                    <td>
                        <asp:Label ID="s" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td>MobileNo</td>
                    <td>
                        <asp:Label ID="m" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
```

```
                    <td>Address</td>
                    <td>
                        <asp:Label ID="a" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td>Password</td>
                    <td>
                        <asp:Label ID="p" runat="server"></asp:Label>
                    </td>
                </tr>
            </table>
        </div>
    </form>
</body>
</html>
```

2) WebForm1.aspx.cs

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

namespace Exp1
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void DropDownList1_SelectedIndexChanged(object sender, EventArgs
e)
        {
            if(DropDownList1.SelectedValue == "India")
            {
                DropDownList2.Items.Clear();
                DropDownList2.Items.Add(new ListItem("Select State"));
                DropDownList2.Items.Add(new ListItem("Gujarat"));
                DropDownList2.Items.Add(new ListItem("Maharastra"));
                DropDownList2.Items.Add(new ListItem("Goa"));

            }
            if (DropDownList1.SelectedValue == "US")
            {
                DropDownList2.Items.Clear();
                DropDownList2.Items.Add(new ListItem("Select State"));
                DropDownList2.Items.Add(new ListItem("California"));
                DropDownList2.Items.Add(new ListItem("Texas"));
```

```
            DropDownList2.Items.Add(new ListItem("Florida"));

        }
        if (DropDownList1.SelectedValue == "Canada")
        {
            DropDownList2.Items.Clear();
            DropDownList2.Items.Add(new ListItem("Select State"));
            DropDownList2.Items.Add(new ListItem("Alberta"));
            DropDownList2.Items.Add(new ListItem("Ontario"));
            DropDownList2.Items.Add(new ListItem("Qubec"));

        }
    }

    protected void su_Click(object sender, EventArgs e)
    {
        f.Text = fn.Text;
        l.Text = ln.Text;
        ema.Text = em.Text;
        if (Male.Checked)
        {
            g.Text = Male.Text;
        }
        else if (Female.Checked)
        {
            g.Text = Female.Text;
        }
        c.Text = DropDownList1.SelectedValue.ToString();
        s.Text = DropDownList2.SelectedValue.ToString();
        m.Text = mo.Text;
        a.Text = ad.Text;
        p.Text = pa.Text;

    }

    protected void cl_Click(object sender, EventArgs e)
    {
        fn.Text = "";
        ln.Text = "";
        em.Text = "";
        mo.Text = "";
        ad.Text = "";
        pa.Text = "";
        TextBox6.Text = "";
        DropDownList1.Items.Clear();
        DropDownList2.Items.Add(new ListItem("Select Country"));
        DropDownList2.Items.Clear();
        DropDownList2.Items.Add(new ListItem("Select State"));
        Male.Checked= false;
        Female.Checked = false;
        g.Text = "";
        f.Text = fn.Text;
        l.Text = ln.Text;
        ema.Text = em.Text;
        c.Text ="";
        s.Text = "";
        m.Text = mo.Text;
        a.Text = ad.Text;
```

```
            p.Text = pa.Text;
        }
    }
}
```

OUTPUT:

User Information

FirstName	Parth
LastName	Dedaniya
Email	parthdedaniya45@gmail.co
Gender	(●) Male ( ) Female
Country	India
State	Gujarat
MobileNo	08866950226
Address	B-103, Dream City Kankot Road, Behind Mavdi Smashan
Password	
ConfrimPassword	

Submit Clear

Submited Information

FirstName	Parth
LastName	Dedaniya
Email	parthdedaniya45@gmail.com
Gender	Male
Country	India
State	Gujarat
MobileNo	08866950226
Address	B-103, Dream City Kankot Road, Behind Mavdi Smashan
Password	12345678

EXPERIMENT – 2

Aim: Extend the User profile Application which allow user to select the Material Status and Hobbies.

Procedure:

Create Radio Button that Allows user to have Single selection for the Material Status.
Create Checkbox List that Allow user to select the hobbies.
On pressing the Submit Button retrieve all values and display on the screen.
Use all Basic web controls available.

CODE:

1) WebForm1.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="EXP2.WebForm1" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>

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

            <h1>User Information</h1>

            <table>
                <tr>
                    <td >FirstName</td>
                    <td>
                        <asp:TextBox ID="fn" runat="server"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td>LastName</td>
                    <td>
                        <asp:TextBox ID="ln" runat="server"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td>Email</td>
                    <td>
                        <asp:TextBox ID="em" runat="server"></asp:TextBox>
                    </td>
                </tr>
                <tr>
```

```
                    <td>Gender</td>
                    <td>
                        <asp:RadioButton ID="Male" runat="server" GroupName="Gender"
Text="Male" />
                        <asp:RadioButton ID="Female" runat="server"
GroupName="Gender" Text="Female" />
                    </td>
                </tr>
                <tr>
                        <td>MaterialStatus</td>
                        <td>
                            <asp:RadioButton ID="singal" runat="server"
GroupName="mat" Text="Single" />
                            <asp:RadioButton ID="married" runat="server"
GroupName="mat" Text="Married" />
                        </td>
                    </tr>
                    <tr>
                        <td>Hobbies</td>
                        <td>
                            <asp:CheckBoxList ID="CheckBoxList1" runat="server">
                                <asp:ListItem>Cricket</asp:ListItem>
                                <asp:ListItem>Coding</asp:ListItem>
                                <asp:ListItem>VollyBall</asp:ListItem>
                            </asp:CheckBoxList>
                        </td>
                 </tr>
                <tr>
                    <td>Country</td>
                    <td>
                        <asp:DropDownList ID="DropDownList1" runat="server"
AutoPostBack="True" OnSelectedIndexChanged="DropDownList1_SelectedIndexChanged">
                            <asp:ListItem>Select Country</asp:ListItem>
                            <asp:ListItem>India</asp:ListItem>
                            <asp:ListItem>US</asp:ListItem>
                            <asp:ListItem>Canada</asp:ListItem>
                        </asp:DropDownList>
                    </td>
                </tr>
                <tr>
                    <td>State</td>
                    <td>
                        <asp:DropDownList ID="DropDownList2" runat="server">
                            <asp:ListItem>Select State</asp:ListItem>
                        </asp:DropDownList>
                    </td>
                </tr>
                <tr>
                    <td>MobileNo</td>
                    <td>
                        <asp:TextBox ID="mo" runat="server"
TextMode="Number"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td>Address</td>
                    <td>
```

```
                        <asp:TextBox ID="ad" runat="server"  TextMode="MultiLine"
Rows="4" ></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td>Password</td>
                    <td>
                        <asp:TextBox ID="pa" runat="server"  TextMode="Password"
></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td>ConfrimPassword</td>
                    <td>
                        <asp:TextBox ID="TextBox6" runat="server"
TextMode="Password"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td> </td>
                    <td> </td>
                </tr>
                <tr>
                    <td></td>
                    <td>
                        <asp:Button ID="su" runat="server" OnClick="su_Click"
Text="Submit" />
                        <asp:Button ID="cl" runat="server" OnClick="cl_Click"
Text="Clear" />
                    </td>
                </tr>
                <tr>
                    <td> </td>
                    <td> </td>
                </tr>
                <tr>
                    <td><strong>Submited Information</strong></td>
                </tr>

                <tr>
                    <td >FirstName</td>
                    <td >
                        <asp:Label ID="f" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td >LastName</td>
                    <td >
                        <asp:Label ID="l" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td >Email</td>
                    <td >
                        <asp:Label ID="ema" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
```

```
                    <td>Gender</td>
                    <td>
                        <asp:Label ID="g" runat="server"></asp:Label>
                    </td>
                </tr>
                 <tr>
                        <td>MaterialStatus</td>
                        <td>
                            <asp:Label ID="ma" runat="server"></asp:Label>
                        </td>
                    </tr>
                    <tr>
                        <td>Hobbies</td>
                        <td>
                            <asp:Label ID="ha" runat="server"></asp:Label>
                        </td>
                    </tr>
                <tr>
                    <td>Country</td>
                    <td>
                        <asp:Label ID="c" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td>State</td>
                    <td>
                        <asp:Label ID="s" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td>MobileNo</td>
                    <td>
                        <asp:Label ID="m" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td>Address</td>
                    <td>
                        <asp:Label ID="a" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td>Password</td>
                    <td>
                        <asp:Label ID="p" runat="server"></asp:Label>
                    </td>
                </tr>
            </table>
        </div>
    </form>
</body>
</html>
```

2) WebForm1.aspx.cs

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

namespace Exp2
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void DropDownList1_SelectedIndexChanged(object sender, EventArgs e)
        {
            if (DropDownList1.SelectedValue == "India")
            {
                DropDownList2.Items.Clear();
                DropDownList2.Items.Add(new ListItem("Select State"));
                DropDownList2.Items.Add(new ListItem("Gujarat"));
                DropDownList2.Items.Add(new ListItem("Maharastra"));
                DropDownList2.Items.Add(new ListItem("Goa"));

            }
            if (DropDownList1.SelectedValue == "US")
            {
                DropDownList2.Items.Clear();
                DropDownList2.Items.Add(new ListItem("Select State"));
                DropDownList2.Items.Add(new ListItem("California"));
                DropDownList2.Items.Add(new ListItem("Texas"));
                DropDownList2.Items.Add(new ListItem("Florida"));

            }
            if (DropDownList1.SelectedValue == "Canada")
            {
                DropDownList2.Items.Clear();
                DropDownList2.Items.Add(new ListItem("Select State"));
                DropDownList2.Items.Add(new ListItem("Alberta"));
                DropDownList2.Items.Add(new ListItem("Ontario"));
                DropDownList2.Items.Add(new ListItem("Qubec"));

            }
        }

        protected void su_Click(object sender, EventArgs e)
        {
            f.Text = fn.Text;
            l.Text = ln.Text;
            ema.Text = em.Text;
            if (Male.Checked)
            {
                g.Text = Male.Text;
```

```
            }
            else if (Female.Checked)
            {
                g.Text = Female.Text;
            }

            if (singal.Checked)
            {
                ma.Text = singal.Text;
            }
            else if (married.Checked)
            {
                ma.Text = married.Text;
            }

            Literal la = new Literal();
            la.Text = "";
            for (int i=0;i<CheckBoxList1.Items.Count;i++)
            {
                if (CheckBoxList1.Items[i].Selected)
                {
                    la.Text += CheckBoxList1.Items[i].Value.ToString();
                }
            }

            ha.Controls.Add(la);
            c.Text = DropDownList1.SelectedValue.ToString();
            s.Text = DropDownList2.SelectedValue.ToString();
            m.Text = mo.Text;
            a.Text = ad.Text;
            p.Text = pa.Text;

        }

        protected void cl_Click(object sender, EventArgs e)
        {
            fn.Text = "";
            ln.Text = "";
            em.Text = "";
            mo.Text = "";
            ad.Text = "";
            pa.Text = "";
            TextBox6.Text = "";
            DropDownList1.Items.Clear();
            DropDownList2.Items.Add(new ListItem("Select Country"));
            DropDownList2.Items.Clear();
            DropDownList2.Items.Add(new ListItem("Select State"));
            Male.Checked = false;
            Female.Checked = false;
            singal.Checked = false;
            married.Checked = false;
            CheckBoxList1.ClearSelection();
            g.Text = "";
            ma.Text = "";
            f.Text = fn.Text;
            l.Text = ln.Text;
            ema.Text = em.Text;
            c.Text = "";
```

```
            s.Text = "";
            m.Text = mo.Text;
            a.Text = ad.Text;
            p.Text = pa.Text;

        }


    }
}
```

OUTPUT:

User Information

FirstName	Parth
LastName	Dedaniya
Email	parthdedaniya45@gmail.con
Gender	(●) Male ( ) Female
MaterialStatus	( ) Single ( ) Married
Hobbies	[x] Cricket [x] Coding [ ] VollyBall
Country	India
State	Gujarat
MobileNo	8866950226
Address	B-103, Dream City Kankot Road, Behind Mavdi Smashan
Password	
ConfrimPassword	

Submit Clear

Submited Information

FirstName	Parth
LastName	Dedaniya
Email	parthdedaniya45@gmail.com
Gender	Male
MaterialStatus	
Hobbies	CricketCoding
Country	India
State	Gujarat
MobileNo	8866950226
Address	B-103, Dream City Kankot Road, Behind Mavdi Smashan
Password	12345678

EXPERIMENT – 3

Aim: Implement the calculator with the help of the Command argument and command name properties of the button control.

Procedure:

Create GUI in which user has the facility enter two number and facility to perform the Addition, subtraction, multiplication and division operation

The Division Operation Should not suffers from the Divide by zero error.

Set the properties of button like command name, command argument.

Generate command event for all operation like addition, subtraction, multiplication and division.

CODE:

1) WebForm1.ASPX

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="EXP3.WebForm1" %>

<!DOCTYPE html>

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

            Number 1 :-
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
            <br />
            Number 2:- 
            <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
            <br />
            <br />
            <asp:Button ID="Button1" runat="server" Text="+" Width="51px"
CommandArgument="add" CommandName="mathamatics"  OnCommand="Calcfunction" />
 <asp:Button ID="Button2" runat="server" Text="-" Width="47px"
CommandArgument="sub" CommandName="mathamatics"  OnCommand="Calcfunction" />
 <asp:Button ID="Button3" runat="server" Text="/" Width="55px"
CommandArgument="div" CommandName="mathamatics"  OnCommand="Calcfunction" />
 <asp:Button ID="Button4" runat="server" Text="*" Width="54px"
CommandArgument="mul" CommandName="mathamatics"  OnCommand="Calcfunction" />
            <br />
            <br />
            Result:- <asp:PlaceHolder ID="PlaceHolder1"
runat="server"></asp:PlaceHolder>
```

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

2) WebForm1.ASPX.CS :

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

namespace Exp3
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }
        protected void Calcfunction(object sender, CommandEventArgs e)
        {
            string cmdstring = e.CommandName.ToString();
            string cmdarg = e.CommandArgument.ToString();
            if (cmdstring == "mathamatics")
            {
                if (cmdarg == "add")
                {
                    Literal l = new Literal();
                    l.Text = (Convert.ToString(Convert.ToInt32(TextBox1.Text) +
Convert.ToInt32(TextBox2.Text)));
                    PlaceHolder1.Controls.Add(l) ;

                }
                if (cmdarg == "sub")
                {
                    Literal l = new Literal();
                    l.Text = "";
                    l.Text += Convert.ToString(Convert.ToInt32(TextBox1.Text) -
Convert.ToInt32(TextBox2.Text));
                    PlaceHolder1.Controls.Add(l);


                }
                if (cmdarg == "mul")
                {
                    Literal l = new Literal();
                    l.Text = "";
                    l.Text += Convert.ToString(Convert.ToInt32(TextBox1.Text) *
Convert.ToInt32(TextBox2.Text));
                    PlaceHolder1.Controls.Add(l);
```

```
                }
                if (cmdarg == "div")
                {
                    Literal l = new Literal();
                    l.Text = "";
                    l.Text += Convert.ToString(Convert.ToInt32(TextBox1.Text) /
Convert.ToInt32(TextBox2.Text));
                    PlaceHolder1.Controls.Add(l);
                }
            }
        }
    }
}
```

OUTPUT:

(Below output is for division operator)

EXPERIMENT – 4

Aim: Create Run time Table Control as per user requirement and display it on the page.

Procedure:

Create Place Holder that enables us to place our run time created control on web page.

Create 3 drop down list which allows user to select no. of rows, no. of columns and grid line.

On pressing the submit button Table Control should be created as per selected values.

Create Button_Click event write code for auto generation of table.

CODE:

1) WebForm1.ASPX :

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="EXP4.WebForm1" %>

<!DOCTYPE html>

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

            Select Row :-
            <asp:DropDownList ID="DropDownList1" runat="server">
                <asp:ListItem>select row count</asp:ListItem>
                <asp:ListItem>1</asp:ListItem>
                <asp:ListItem>2</asp:ListItem>
                <asp:ListItem>3</asp:ListItem>
                <asp:ListItem>4</asp:ListItem>
            </asp:DropDownList>
            <br />
            Select Colum :-
            <asp:DropDownList ID="DropDownList2" runat="server">
                <asp:ListItem>select col count</asp:ListItem>
                <asp:ListItem>1</asp:ListItem>
                <asp:ListItem>2</asp:ListItem>
                <asp:ListItem>3</asp:ListItem>
                <asp:ListItem>4</asp:ListItem>
            </asp:DropDownList>
            <br />
            <asp:Button ID="Button1" runat="server" OnClick="Button1_Click"
Text="Submit" />
            <br />
            <br />
            <asp:PlaceHolder ID="PlaceHolder1" runat="server"></asp:PlaceHolder>
```

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

2) WebForm1.ASPX.CS :

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

namespace Exp4
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            Table t = new Table();
            for(int i = 0; i < Convert.ToInt32(DropDownList1.SelectedItem.Value);
i++)
            {
                TableRow r = new TableRow();
                for(int j=0; j < Convert.ToInt32(DropDownList2.SelectedValue); j++)
                {
                    TableCell c = new TableCell();
                    c.Text = i.ToString() + " " + j.ToString();
                    c.BorderColor = System.Drawing.Color.Black;
                    c.BorderStyle = BorderStyle.Solid;
                    r.Controls.Add(c);
                }
                t.Rows.Add(r);
            }
            t.BorderStyle = BorderStyle.Double;
            PlaceHolder1.Controls.Add(t);
        }
    }
      }
```

OUTPUT:

Select Row :- 4

Select Colum :- 3

Submit

0 0	0 1	0 2
1 0	1 1	1 2
2 0	2 1	2 2
3 0	3 1	3 2

EXPERIMENT – 5

Aim: Create An Application which has Image, Image map and Image Button.

Procedure:

Use Image Control to Display the Image On The Page.

Use Image Button Then it should Display the x and y co-ordinate .

Use Image Map Create the Rectangle hotspot mode on clicking that page should be post back.

Create Circular hot spot mode, on clicking that page should be navigate to next page.

CODE :

1) WebForm1.ASPX :

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="EXP5.WebForm1" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Image ID="Image1" runat="server" Height="323px"
ImageUrl="~/Images/vehicleimg.jpg" Width="472px" />
            <br />
            above only image<br />
            <br />
            <br />
            <br />
            <asp:ImageMap ID="ImageMap1" runat="server" Height="369px"
ImageUrl="~/Images/vehicleimg.jpg" OnClick="ImageMap1_Click" Width="486px">
                <asp:CircleHotSpot AlternateText="this is circle hotspot"
HotSpotMode="Navigate" NavigateUrl="~/WebForm1.aspx" Radius="20" X="20" Y="20" />
                <asp:RectangleHotSpot AlternateText="this is rectangle hotspot"
Bottom="100" HotSpotMode="PostBack" Left="100" PostBackValue="Rect" Right="340"
Top="370" />
                <asp:PolygonHotSpot AlternateText="this is polygon hotspot"
Coordinates="600,410,680,460,650,540,540,540,520,460" HotSpotMode="Navigate"
NavigateUrl="~/WebForm1.aspx" />
            </asp:ImageMap>
            <br />
            Above image is image map<br />
            <br />
            <br />
```

```
            <asp:ImageButton ID="ImageButton1" runat="server" Height="477px"
ImageUrl="~/Images/vehicleimg.jpg" OnClick="ImageButton1_Click" Width="520px" />
            <br />
            if you click Above image then you redirect at google home page</div>
    </form>
</body>
</html>
```

2) WebForm1.ASPX.CS :

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

namespace exp5
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            Image1.ImageUrl = "~/Images/vehicleimg.jpg";
        }

        protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
        {
            Response.Redirect("https://www.google.co.in/");
        }

        protected void ImageMap1_Click(object sender, ImageMapEventArgs e)
        {
            Response.Write(e.PostBackValue.ToString());
        }
    }
      }
```

OUTPUT :

above only image

Above image is image map

if you click Above image then you redirect at google home page

EXPERIMENT – 6

Aim: Extend the user Profile Application in which user is Allowed to select the Date of Birth from the Calendar Control.

Procedure:

Create Calendar Control that allows user to select the date.

Also has the facility to Put Reminder in calendar control on particular date and that should be displayed when user navigate to that particular date in calendar control.

CODE:

1) WebForm1.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="EXP6.WebForm1" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>

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

            <h1>User Information</h1>

            <table>
                <tr>
                    <td >FirstName</td>
                    <td>
                        <asp:TextBox ID="fn" runat="server"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td>LastName</td>
                    <td>
                        <asp:TextBox ID="ln" runat="server"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td>DOB</td>
                    <td>
                <asp:Calendar ID="cal1" runat="server"
OnDayRender="Calendar1_DayRender" SelectionMode="DayWeekMonth"></asp:Calendar>

        <asp:Button ID="Button1" runat="server" Text="Button"
OnClick="Button1_Click" />
```

```
        <asp:Button ID="Button2" runat="server" OnClick="Button2_Click" Text="print
week" />
        <asp:Button ID="Button3" runat="server" OnClick="Button3_Click" Text="Date
arithmetic" />
                    </td>
                </tr>
                <tr>
                    <td>Email</td>
                    <td>
                        <asp:TextBox ID="em" runat="server"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td>Gender</td>
                    <td>
                        <asp:RadioButton ID="Male" runat="server" GroupName="Gender"
Text="Male" />
                        <asp:RadioButton ID="Female" runat="server"
GroupName="Gender" Text="Female" />
                    </td>
                </tr>
                <tr>
                        <td>MaterialStatus</td>
                        <td>
                            <asp:RadioButton ID="singal" runat="server"
GroupName="mat" Text="Single" />
                            <asp:RadioButton ID="married" runat="server"
GroupName="mat" Text="Married" />
                        </td>
                    </tr>
                    <tr>
                        <td>Hobbies</td>
                        <td>
                            <asp:CheckBoxList ID="CheckBoxList1" runat="server">
                                <asp:ListItem>Cricket</asp:ListItem>
                                <asp:ListItem>Coding</asp:ListItem>
                                <asp:ListItem>VollyBall</asp:ListItem>
                            </asp:CheckBoxList>
                        </td>
                 </tr>
                <tr>
                    <td>Country</td>
                    <td>
                        <asp:DropDownList ID="DropDownList1" runat="server"
AutoPostBack="True" OnSelectedIndexChanged="DropDownList1_SelectedIndexChanged">
                            <asp:ListItem>Select Country</asp:ListItem>
                            <asp:ListItem>India</asp:ListItem>
                            <asp:ListItem>US</asp:ListItem>
                            <asp:ListItem>Canada</asp:ListItem>
                        </asp:DropDownList>
                    </td>
                </tr>
                <tr>
                    <td>State</td>
                    <td>
                        <asp:DropDownList ID="DropDownList2" runat="server">
                            <asp:ListItem>Select State</asp:ListItem>
                        </asp:DropDownList>
```

```
                    </td>
                </tr>
                <tr>
                    <td>MobileNo</td>
                    <td>
                        <asp:TextBox ID="mo" runat="server"
TextMode="Number"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td>Address</td>
                    <td>
                        <asp:TextBox ID="ad" runat="server"  TextMode="MultiLine"
Rows="4" ></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td>Password</td>
                    <td>
                        <asp:TextBox ID="pa" runat="server"  TextMode="Password"
></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td>ConfrimPassword</td>
                    <td>
                        <asp:TextBox ID="TextBox6" runat="server"
TextMode="Password"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td> </td>
                    <td> </td>
                </tr>
                <tr>
                    <td></td>
                    <td>
                        <asp:Button ID="su" runat="server" OnClick="su_Click"
Text="Submit" />
                        <asp:Button ID="cl" runat="server" OnClick="cl_Click"
Text="Clear" />
                    </td>
                </tr>
                <tr>
                    <td> </td>
                    <td> </td>
                </tr>
                <tr>
                    <td><strong>Submited Information</strong></td>
                </tr>

                <tr>
                    <td >FirstName</td>
                    <td >
                        <asp:Label ID="f" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
```

```
            <td >LastName</td>
            <td >
                <asp:Label ID="l" runat="server"></asp:Label>
            </td>
        </tr>
        <tr>
            <td >Email</td>
            <td >
                <asp:Label ID="ema" runat="server"></asp:Label>
            </td>
        </tr>
        <tr>
            <td>Gender</td>
            <td>
                <asp:Label ID="g" runat="server"></asp:Label>
            </td>
        </tr>
         <tr>
                <td>MaterialStatus</td>
                <td>
                    <asp:Label ID="ma" runat="server"></asp:Label>
                </td>
            </tr>
            <tr>
                <td>Hobbies</td>
                <td>
                    <asp:Label ID="ha" runat="server"></asp:Label>
                </td>
            </tr>
        <tr>
            <td>Country</td>
            <td>
                <asp:Label ID="c" runat="server"></asp:Label>
            </td>
        </tr>
        <tr>
            <td>State</td>
            <td>
                <asp:Label ID="s" runat="server"></asp:Label>
            </td>
        </tr>
        <tr>
            <td>MobileNo</td>
            <td>
                <asp:Label ID="m" runat="server"></asp:Label>
            </td>
        </tr>
        <tr>
            <td>Address</td>
            <td>
                <asp:Label ID="a" runat="server"></asp:Label>
            </td>
        </tr>
        <tr>
            <td>Password</td>
            <td>
                <asp:Label ID="p" runat="server"></asp:Label>
            </td>
```

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

2) WebForm1.aspx.cs

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

namespace Exp2
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            DateTime dt = cal1.SelectedDate;

            Response.Write("Short date string: " + dt.ToShortDateString() + "<br/>");
            Response.Write("Long date string: " + dt.ToLongDateString() + "<br/>");
        }
        protected void Button2_Click(object sender, EventArgs e)
        {
            foreach (DateTime dt in cal1.SelectedDates)
            {

                if (dt.ToShortDateString() == "15-07-2022")
                    Response.Write("this is 15-07-2022 date" + dt.ToShortDateString()
+ "</br>");
            }


        }
        protected void Calendar1_DayRender(object sender, DayRenderEventArgs e)
        {


            if (e.Day.Date.ToShortDateString() == "15-07-2022")
            {
                HyperLink l = new HyperLink();
                l.Text = "result";
                l.NavigateUrl = "default.aspx";
                e.Cell.Controls.Add(l);
                e.Cell.BackColor = System.Drawing.Color.Red;
            }
```

```
            if (!e.Day.IsOtherMonth)
            {
                if (e.Day.DayNumberText == "1")
                {

                    HyperLink l = new HyperLink();
                    l.Text = "welcome";
                    l.NavigateUrl = "default.aspx";
                    e.Cell.Controls.Add(l);

                }
            }


            if (e.Day.Date.ToShortDateString() == "18-07-2022")
            {

                e.Day.IsSelectable = false;

            }
            if (e.Day.IsWeekend)
            {
                e.Day.IsSelectable = false;


            }




        }
        protected void Button3_Click(object sender, EventArgs e)
        {

            DateTime dt = new DateTime(2022, 7, 15);
            Response.Write(dt.ToShortDateString());
            DateTime stdate = DateTime.Now;
            DateTime enddate = dt.AddDays(15);
            DateTime userdate = cal1.SelectedDate;
            if (userdate > stdate && userdate < enddate)
            {
                Response.Write("you have valid selection");
            }
            else
            {
                Response.Write("select another date");
            }
        }

        protected void DropDownList1_SelectedIndexChanged(object sender, EventArgs e)
        {
            if (DropDownList1.SelectedValue == "India")
            {
                DropDownList2.Items.Clear();
                DropDownList2.Items.Add(new ListItem("Select State"));
                DropDownList2.Items.Add(new ListItem("Gujarat"));
                DropDownList2.Items.Add(new ListItem("Maharastra"));
                DropDownList2.Items.Add(new ListItem("Goa"));
```

```
        }
        if (DropDownList1.SelectedValue == "US")
        {
            DropDownList2.Items.Clear();
            DropDownList2.Items.Add(new ListItem("Select State"));
            DropDownList2.Items.Add(new ListItem("California"));
            DropDownList2.Items.Add(new ListItem("Texas"));
            DropDownList2.Items.Add(new ListItem("Florida"));

        }
        if (DropDownList1.SelectedValue == "Canada")
        {
            DropDownList2.Items.Clear();
            DropDownList2.Items.Add(new ListItem("Select State"));
            DropDownList2.Items.Add(new ListItem("Alberta"));
            DropDownList2.Items.Add(new ListItem("Ontario"));
            DropDownList2.Items.Add(new ListItem("Qubec"));

        }
    }

    protected void su_Click(object sender, EventArgs e)
    {
        f.Text = fn.Text;
        l.Text = ln.Text;
        ema.Text = em.Text;
        if (Male.Checked)
        {
            g.Text = Male.Text;
        }
        else if (Female.Checked)
        {
            g.Text = Female.Text;
        }

        if (singal.Checked)
        {
            ma.Text = singal.Text;
        }
        else if (married.Checked)
        {
            ma.Text = married.Text;
        }

        Literal la = new Literal();
        la.Text = "";
        for (int i=0;i<CheckBoxList1.Items.Count;i++)
        {
            if (CheckBoxList1.Items[i].Selected)
            {
                la.Text += CheckBoxList1.Items[i].Value.ToString();
            }
        }

        ha.Controls.Add(la);
        c.Text = DropDownList1.SelectedValue.ToString();
        s.Text = DropDownList2.SelectedValue.ToString();
```

```
            m.Text = mo.Text;
            a.Text = ad.Text;
            p.Text = pa.Text;

        }

        protected void cl_Click(object sender, EventArgs e)
        {
            fn.Text = "";
            ln.Text = "";
            em.Text = "";
            mo.Text = "";
            ad.Text = "";
            pa.Text = "";
            TextBox6.Text = "";
            DropDownList1.Items.Clear();
            DropDownList2.Items.Add(new ListItem("Select Country"));
            DropDownList2.Items.Clear();
            DropDownList2.Items.Add(new ListItem("Select State"));
            Male.Checked = false;
            Female.Checked = false;
            singal.Checked = false;
            married.Checked = false;
            CheckBoxList1.ClearSelection();
            g.Text = "";
            ma.Text = "";
            f.Text = fn.Text;
            l.Text = ln.Text;
            ema.Text = em.Text;
            c.Text = "";
            s.Text = "";
            m.Text = mo.Text;
            a.Text = ad.Text;
            p.Text = pa.Text;

        }


    }
}
```

OUTPUT:

Short date string: 14-09-2022
Long date string: Wednesday, 14 September, 2022

User Information

FirstName: Parth
LastName: Dedaniya
DOB:

≤	September 2022						≥
>>	Mon	Tue	Wed	Thu	Fri	Sat	Sun
≥	29	30	31	1welcome	2	3	4
≥	5	6	7	8	9	10	11
≥	12	13	14	15	16	17	18
≥	19	20	21	22	23	24	25
≥	26	27	28	29	30	1	2
≥	3	4	5	6	7	8	9

Button | print week | Date arithmetic

Email: parthdedaniya45@gmail.co
Gender: (•) Male ( ) Female
MaterialStatus: (•) Single ( ) Married
Hobbies: [x] Cricket [x] Coding [ ] VollyBall
Country: India
State: Gujarat
MobileNo: 8866950226
Address: B-103, Dream City Kankot Road, Behind Mavdi Smashan
Password:
ConfrimPassword:

Submit | Clear

Submited Information

FirstName	Parth
LastName	Dedaniya
Email	parthdedaniya45@gmail.com
Gender	Male
MaterialStatus	Single
Hobbies	
Country	India
State	Gujarat
MobileNo	8866950226
Address	B-103, Dream City Kankot Road, Behind Mavdi Smashan
Password	12345678

EXPERIMENT – 7

Aim: Extend the User Profile Application where User must have to Pass All the validation.

Procedure:

Create all required validation control on the page.

Bind these controls to the asp.net server control that enables user to enter details.

Like Username Should not are Empty, Password and Confirm Password Must Mach etc...

CODE:

1) WebForm1.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="EXP7.WebForm1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            Enter your Name:  
        <asp:TextBox ID="TextBox1" runat="server">Enter your name</asp:TextBox>
        <asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"
BackColor="#FF6699" ControlToValidate="TextBox1" ErrorMessage="Please enter your
Name" InitialValue="Enter your name"
ValidationGroup="first"></asp:RequiredFieldValidator>
        <br />
        <br />
        Enter password :  
        <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
        <asp:RequiredFieldValidator ID="RequiredFieldValidator2" runat="server"
BackColor="#3366FF" ControlToValidate="TextBox2" ErrorMessage="please Enter
password" ValidationGroup="first"></asp:RequiredFieldValidator>
        <br />
        <br />
        Enter Confirm password:
        <asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>
        <asp:CompareValidator ID="CompareValidator1" runat="server" BackColor="Lime"
ControlToCompare="TextBox2" ControlToValidate="TextBox3" ErrorMessage="Password not
match!!!!!" ValidationGroup="first"></asp:CompareValidator>
        <br />
        <br />
        Select Country :  
        <asp:DropDownList ID="DropDownList1" runat="server">
            <asp:ListItem>Select Country</asp:ListItem>
```

```
            <asp:ListItem>India</asp:ListItem>
            <asp:ListItem>PAK</asp:ListItem>
            <asp:ListItem>SRI LANKA</asp:ListItem>
            <asp:ListItem>USA</asp:ListItem>
        </asp:DropDownList>
        <asp:CompareValidator ID="CompareValidator2" runat="server" BackColor="Red"
ControlToValidate="DropDownList1" ErrorMessage="Please select your country"
Operator="NotEqual" ValidationGroup="first" ValueToCompare="Select
Country"></asp:CompareValidator>
        <br />
        Enter your age :  
        <asp:TextBox ID="TextBox4" runat="server"></asp:TextBox>
        <asp:RangeValidator ID="RangeValidator1" runat="server"
ControlToValidate="TextBox4" ErrorMessage="your age must be btw 18 to 99"
MaximumValue="99" MinimumValue="18" Type="Integer"
ValidationGroup="first"></asp:RangeValidator>
        <br />
        <br />
        Enter your email :
        <asp:TextBox ID="TextBox5" runat="server"></asp:TextBox>
 <asp:RegularExpressionValidator ID="RegularExpressionValidator2"
runat="server" BackColor="#FF3399" ControlToValidate="TextBox5" ErrorMessage="Enter
valid email id" ValidationExpression="\w+([-+.']\w+)*@\w+([-.]\w+)*\.\w+([-.]\w+)*"
ValidationGroup="first">*</asp:RegularExpressionValidator>
   //check regular explression<br />
        <br />
        <br />
        Validation summary:<br />
        <asp:ValidationSummary ID="ValidationSummary1" runat="server"
ValidationGroup="first" />
        <br />
        <br />
        <br />
  
        <asp:Button ID="Button1" runat="server" OnClick="Button1_Click"
Text="Submit" ValidationGroup="first" />
    
        <asp:Button ID="Button2" runat="server" Text="Clear" ValidationGroup="clear"
/>

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

2) WebForm1.aspx.cs

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

namespace EXP7
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            // UnobtrusiveValidationMode unobtrusiveValidationMode = new
UnobtrusiveValidationMode();
            this.UnobtrusiveValidationMode =
System.Web.UI.UnobtrusiveValidationMode.None;
        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            if (Page.IsValid == true)
            {
                Response.Write("all validation done!!!");

            }
        }

    }
}
```

OUTPUT:

1. With Errors

Enter your Name: Enter your name Please enter your Name

Enter password : please Enter password

Enter Confirm password: asd Password not match!!!!!

Select Country : Select Country Please select your country
Enter your age : 11 your age must be btw 18 to 99

Enter your email : qwe * //check regular explression

Validation summary:

- Please enter your Name
- please Enter password
- Password not match!!!!!
- Please select your country
- your age must be btw 18 to 99
- Enter valid email id

Submit Clear

2. Without Error

all validation done!!!
Enter your Name: Parth Dedaniya

Enter password : 12345678

Enter Confirm password: 12345678

Select Country : India
Enter your age : 21

Enter your email : parthdedaniya45@gmail.co //check regular explression

Validation summary:

Submit Clear

EXPERIMENT – 8

i) Aim: Create A master page and content Page Application for the University which enables user to see the faculty list according to department.

Procedure:

Master Page Contains the Header That Contains the University name and Address.

Master Page Has the Facility to select the department as soon as it select the department then content page should display the names of the faculty in content page.

CODE:

1) DEPARTMENT.master:

```
<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="DEPARTMENT.master.cs"
Inherits="EXP8_1.DEPARTMENT" %>

<!DOCTYPE html>

<html>
<head runat="server">
    <title></title>
    <asp:ContentPlaceHolder ID="head" runat="server">
    </asp:ContentPlaceHolder>
</head>
<body>
    <header style="text-align: center">DHARMSINH DESAI UNIVERSITY</header>
    <main>
      <form id="form1" runat="server">
          <div>
              Depatments List :
              <br />
              <asp:HyperLink runat="server" ID="hl1"
NavigateUrl="~/IT.aspx">INFORMATION TECH</asp:HyperLink>
              <br />
              <asp:HyperLink runat="server" ID="hl2"
NavigateUrl="~/CE.aspx">COMPUTER SCIENCE</asp:HyperLink>
              <br />
              <asp:HyperLink runat="server" ID="hl3"
NavigateUrl="~/EC.aspx">ELECTRICAL ENG</asp:HyperLink>
              <br />
              <br />
              <asp:ContentPlaceHolder ID="ContentPlaceHolder1" runat="server">
              </asp:ContentPlaceHolder>
          </div>
      </form>
    </main>
    <footer style="text-align: center">NADIAD</footer>
</body>
</html>
```

2) IT.ASPX

```
<%@ Page Title="" Language="C#" MasterPageFile="~/DEPARTMENT.Master"
AutoEventWireup="true" CodeBehind="IT.aspx.cs" Inherits="EXP8_1.IT" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1"
runat="server">
    IT FACULTIES:
    <asp:Label runat="server">VD</asp:Label>
    <asp:Label runat="server">MMG</asp:Label>
    <asp:Label runat="server">ANV</asp:Label>
</asp:Content>
```

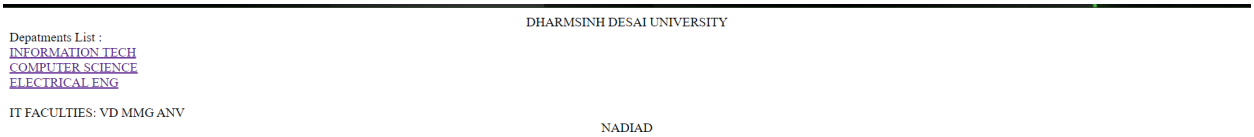
3) CE.ASPX

```
<%@ Page Title="" Language="C#" MasterPageFile="~/DEPARTMENT.Master"
AutoEventWireup="true" CodeBehind="CE.aspx.cs" Inherits="EXP8_1.WebForm1" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1"
runat="server">
    CE FACULTIES:
    <asp:Label runat="server">DCV</asp:Label>
    <asp:Label runat="server">NV</asp:Label>
    <asp:Label runat="server">VHS</asp:Label>
</asp:Content>
```

4) EC.ASPX

```
<%@ Page Title="" Language="C#" MasterPageFile="~/DEPARTMENT.Master"
AutoEventWireup="true" CodeBehind="EC.aspx.cs" Inherits="EXP8_1.WebForm2" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1"
runat="server">
    EC FACULTIES:
    <asp:Label runat="server">JTB</asp:Label>
    <asp:Label runat="server">KAL</asp:Label>
    <asp:Label runat="server">NM</asp:Label>
</asp:Content>
```

OUTPUT:



ii) Aim: Create an application in which user is allowed to upload the file on the server.

Procedure:

Select the file Upload Control that Allows user to upload file.

Create the submit button that Stores the File on the Server.

Create the Retrieve Button that Display the All the Details of the file like file name, file type and file size.

Create Get All File Button that displays all file those are currently uploaded on server.

CODE:

1) WebForm1.ASPX

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="EXP8_2.WebForm1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:FileUpload ID="FileUpload1" runat="server" />
        <br />
        <br />
        <br />
        <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Upload
File" />

            <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="<%$ ConnectionStrings:ConnectionString %>" SelectCommand="SELECT *
FROM [imgtable]"></asp:SqlDataSource>

        <asp:Button ID="Button2" runat="server" OnClick="Button2_Click"
Text="display File" />

            <asp:SqlDataSource ID="SqlDataSource2" runat="server"
ConnectionString="<%$ ConnectionStrings:ConnectionString %>" SelectCommand="SELECT *
FROM [imgtable]"></asp:SqlDataSource>

            <asp:GridView runat="server" ID="gv1" AllowSorting="True"
AutoGenerateColumns="False" DataKeyNames="filename" DataSourceID="SqlDataSource2">
                <Columns>
                    <asp:BoundField DataField="filename" HeaderText="filename"
ReadOnly="True" SortExpression="filename"></asp:BoundField>
                    <asp:BoundField DataField="type" HeaderText="type"
SortExpression="type"></asp:BoundField>
                    <asp:BoundField DataField="url" HeaderText="url"
SortExpression="url"></asp:BoundField>
```

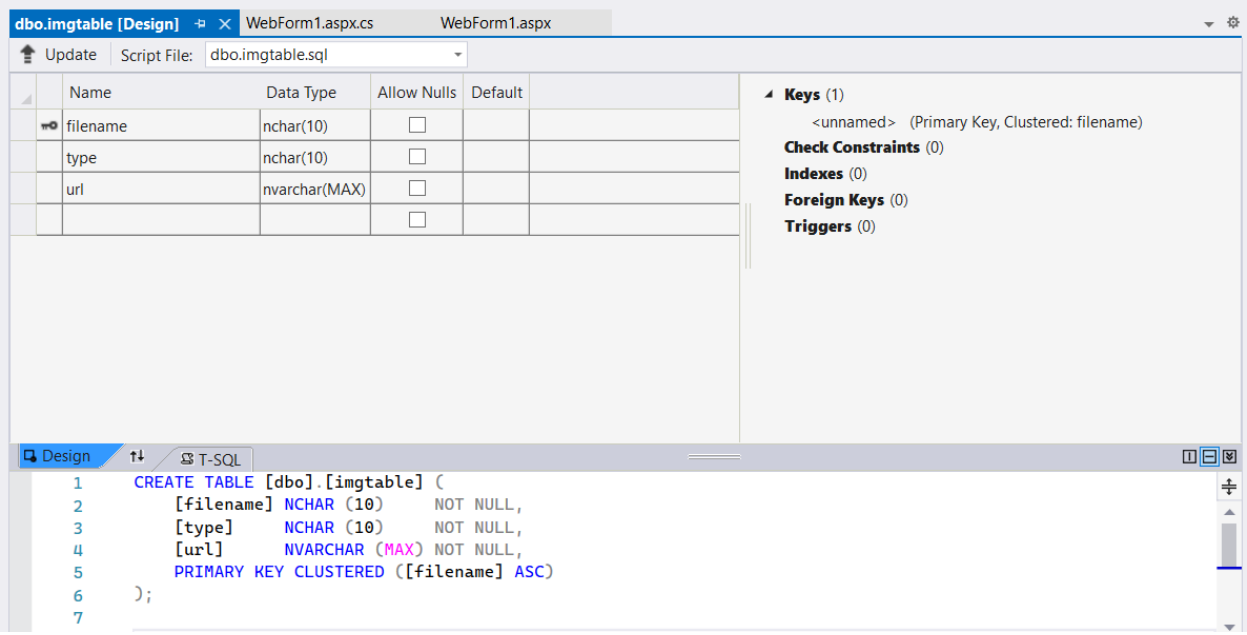
```
                </Columns>
            </asp:GridView>

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

2) Webform1.aspx.cs

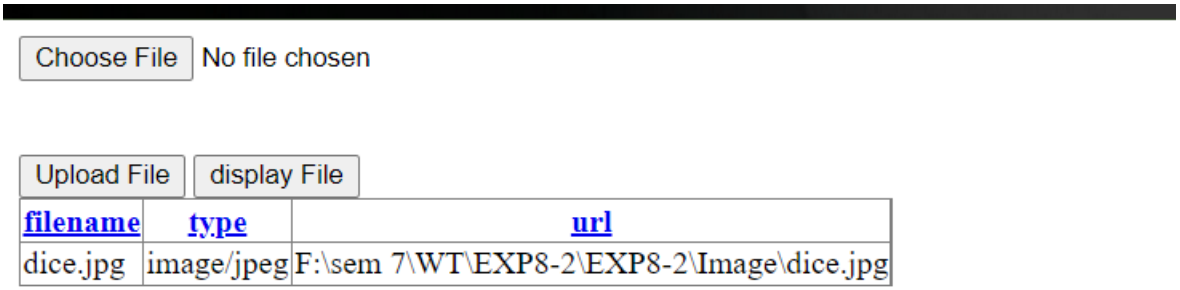
```
using System;
using System.Collections.Generic;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace EXP8_2
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=|DataDirectory|\Database1.mdf;Integra
ted Security=True");
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Button1_Click(object sender, EventArgs e)
        {

            if (FileUpload1.HasFile)
            {
                string path = FileUpload1.PostedFile.FileName.ToString();

                con.Open();
                SqlCommand cmd = con.CreateCommand();
                cmd.Connection = con;



                if (FileUpload1.PostedFile.ContentLength < 500000)
                {
                    if (FileUpload1.PostedFile.ContentType == "image/jpeg" ||
FileUpload1.PostedFile.ContentType == "image/png")
                    {
                        FileUpload1.PostedFile.SaveAs("F:\\sem 7\\WT\\EXP8-2\\EXP8-
2\\Image\\" + path);
                        cmd.Parameters.AddWithValue("@name", path);
```

```
                        cmd.Parameters.AddWithValue("@type",
FileUpload1.PostedFile.ContentType.ToString());
                        cmd.Parameters.AddWithValue("@url", "F:\\sem 7\\WT\\EXP8-
2\\EXP8-2\\Image\\" + path);
                        string query = "INSERT INTO [imgtable]
VALUES(@name,@type,@url)";
                        cmd.CommandText = query;
                        cmd.CommandType = System.Data.CommandType.Text;
                        //SqlDataReader reader = cmd.ExecuteReader();
                        int n = cmd.ExecuteNonQuery();
                        if (n > 0)
                        {
                            Response.Write(n + " Data Inserted Successfully");
                        }

                        con.Close();

                    }
                    else
                    {
                        Response.Write("please upload jpeg or png file ");

                    }

                }
                else { Response.Write("image size must be less than 1500 kilo
bytes"); }

            }
            else
            {
                Response.Write("please select file");
            }

        }

        protected void Button2_Click(object sender, EventArgs e)
        {
            con.Open();
            if (con.State == System.Data.ConnectionState.Open)
            {
                String query = "Select * FROM [imgtable]";
                SqlCommand cmd = new SqlCommand();
                cmd.Connection = con;
                cmd.CommandText = query;
                cmd.CommandType = System.Data.CommandType.Text;
                SqlDataReader sd = cmd.ExecuteReader();
                // gv1.DataSource = sd;
                // gv1.DataBind();
                con.Close();
            }

        }
    }
}
```

3) Imagedatabase



OUTPUT:



EXPERIMENT – 9

I) Aim: - Create an application in which user has to display records in the Grid View Control from Table created in access data base. (With the Help of Oledb Classes or Access Data Source Control).

Procedure:

- Use the create a .MDB database using MS Access. Enter the values in table.
- In Application use the Oledb Classes for database Connection.
- Use Dataset Class for storing the values from Database. Use grid view control for displaying the data. Use bind () method for binding the dataset to grid view control.

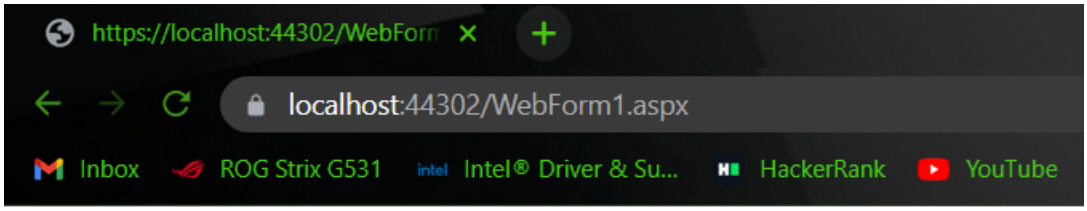
Code:-

1.WebForm1.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="EXP9_1.WebForm1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:GridView ID="GridView1" runat="server" AllowSorting="True"
AutoGenerateColumns="False" DataKeyNames="Id" DataSourceID="SqlDataSource1">
                <Columns>
                    <asp:CommandField ShowDeleteButton="True" ShowEditButton="True"
ShowSelectButton="True" />
                    <asp:BoundField DataField="Id" HeaderText="Id" ReadOnly="True"
SortExpression="Id" />
                    <asp:BoundField DataField="FirstName" HeaderText="FirstName"
SortExpression="FirstName" />
                    <asp:BoundField DataField="LastName" HeaderText="LastName"
SortExpression="LastName" />
                    <asp:BoundField DataField="Subject" HeaderText="Subject"
SortExpression="Subject" />
                    <asp:BoundField DataField="Marks" HeaderText="Marks"
SortExpression="Marks" />
                </Columns>
            </asp:GridView>
            <br />
            <br />
```

```
            <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConflictDetection="CompareAllValues" ConnectionString="<%$
ConnectionStrings:ConnectionString %>" DeleteCommand="DELETE FROM [students] WHERE
[Id] = @original_Id AND (([FirstName] = @original_FirstName) OR ([FirstName] IS NULL
AND @original_FirstName IS NULL)) AND (([LastName] = @original_LastName) OR
([LastName] IS NULL AND @original_LastName IS NULL)) AND (([Subject] =
@original_Subject) OR ([Subject] IS NULL AND @original_Subject IS NULL)) AND
(([Marks] = @original_Marks) OR ([Marks] IS NULL AND @original_Marks IS NULL))"
InsertCommand="INSERT INTO [students] ([FirstName], [LastName], [Subject], [Marks])
VALUES (@FirstName, @LastName, @Subject, @Marks)"
OldValuesParameterFormatString="original_{0}" SelectCommand="SELECT * FROM
[students]" UpdateCommand="UPDATE [students] SET [FirstName] = @FirstName,
[LastName] = @LastName, [Subject] = @Subject, [Marks] = @Marks WHERE [Id] =
@original_Id AND (([FirstName] = @original_FirstName) OR ([FirstName] IS NULL AND
@original_FirstName IS NULL)) AND (([LastName] = @original_LastName) OR ([LastName]
IS NULL AND @original_LastName IS NULL)) AND (([Subject] = @original_Subject) OR
([Subject] IS NULL AND @original_Subject IS NULL)) AND (([Marks] = @original_Marks)
OR ([Marks] IS NULL AND @original_Marks IS NULL))">
                <DeleteParameters>
                    <asp:Parameter Name="original_Id" Type="Int32" />
                    <asp:Parameter Name="original_FirstName" Type="String" />
                    <asp:Parameter Name="original_LastName" Type="String" />
                    <asp:Parameter Name="original_Subject" Type="String" />
                    <asp:Parameter Name="original_Marks" Type="String" />
                </DeleteParameters>
                <InsertParameters>
                    <asp:Parameter Name="FirstName" Type="String" />
                    <asp:Parameter Name="LastName" Type="String" />
                    <asp:Parameter Name="Subject" Type="String" />
                    <asp:Parameter Name="Marks" Type="String" />
                </InsertParameters>
                <UpdateParameters>
                    <asp:Parameter Name="FirstName" Type="String" />
                    <asp:Parameter Name="LastName" Type="String" />
                    <asp:Parameter Name="Subject" Type="String" />
                    <asp:Parameter Name="Marks" Type="String" />
                    <asp:Parameter Name="original_Id" Type="Int32" />
                    <asp:Parameter Name="original_FirstName" Type="String" />
                    <asp:Parameter Name="original_LastName" Type="String" />
                    <asp:Parameter Name="original_Subject" Type="String" />
                    <asp:Parameter Name="original_Marks" Type="String" />
                </UpdateParameters>
            </asp:SqlDataSource>
        </div>
    </form>
</body>
</html>
```

Output:-



	Id	FirstName	LastName	Subject	Marks
Edit Delete Select	1	Parth	Dedaniya	WT	30
Edit Delete Select	2	Aditya	Patel	WT	29
Edit Delete Select	3	Rohan	Dudhatra	WT	25

II) Aim:- Create An Application which stores user information to the database.

Procedure:

- Create data base either in MS Access or Sql Server.
- Extend User Profile Application with all validation as soon as user press submit button all details are stored in data base.
- Use Either OLEDB classes or Access or SQL Data Source.

Code:-

1.WebForm1.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="EXP9_2.WebForm1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <style type="text/css">
        .auto-style1 {
            height: 34px;
        }
    </style>

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

```
            <h1>Information About User</h1>
            <table>
                <tr>
                    <td class="auto-style1">FirstName</td>
                    <td class="auto-style1">
                        <asp:TextBox ID="fn" runat="server" ViewStateMode="Enabled"
ValidateRequestMode="Enabled"></asp:TextBox>
                        <asp:RequiredFieldValidator ID="r1" runat="server"
BackColor="White" BorderColor="#FF99CC" ControlToValidate="fn" ErrorMessage="Please
Enter your First Name" ForeColor="Red"></asp:RequiredFieldValidator>
                    </td>
                </tr>
                <tr>
                    <td>LastName</td>
                    <td>
                        <asp:TextBox ID="ln" runat="server"></asp:TextBox>
                        <asp:RequiredFieldValidator ID="r2" runat="server"
ControlToValidate="ln" ErrorMessage="Please Enter your Last Name"
ForeColor="#FF3300"></asp:RequiredFieldValidator>
                    </td>
                </tr>
                <tr>
                    <td>Email</td>
                    <td>
                        <asp:TextBox ID="em" runat="server"></asp:TextBox>
                        <asp:RegularExpressionValidator ID="RegularExpressionValidator1"
runat="server" ControlToValidate="em" ErrorMessage="Enter your valid email id"
ForeColor="#FF3300" ValidationExpression="([\w-\.]+)@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-
9]{1,3}\.)|(([\w-]+\.)+))([a-zA-Z]{2,4}|[0-
9]{1,3})(\]?)"></asp:RegularExpressionValidator>
                    </td>
                </tr>
                <tr>
                    <td>Date of Birth</td>
                    <td>
                        <asp:Calendar ID="Calendar1" runat="server"></asp:Calendar>
                    </td>
                </tr>
                <tr>
                    <td>Gender</td>
                    <td>
                        <asp:RadioButton ID="Male" runat="server" GroupName="Gender"
Text="Male" />
                        <asp:RadioButton ID="Female" runat="server" GroupName="Gender"
Text="Female" />
                     
                    </td>
                </tr>
                <tr>
                        <td>MaritalStatus</td>
                        <td>
                            <asp:RadioButton ID="singal" runat="server" GroupName="mat"
Text="Single" />
                            <asp:RadioButton ID="married" runat="server" GroupName="mat"
Text="Married" />
```

```
                        </td>
                    </tr>
                    <tr>
                        <td>Hobbies</td>
                        <td>
                            <asp:CheckBoxList ID="CheckBoxList1" runat="server">
                                <asp:ListItem>Cricket</asp:ListItem>
                                <asp:ListItem>Coding</asp:ListItem>
                                <asp:ListItem>VollyBall</asp:ListItem>
                            </asp:CheckBoxList>
                        </td>
                 </tr>
                <tr>
                    <td>Country</td>
                    <td>
                        <asp:DropDownList ID="DropDownList1" runat="server"
AutoPostBack="True" OnSelectedIndexChanged="DropDownList1_SelectedIndexChanged">
                            <asp:ListItem>Select Country</asp:ListItem>
                            <asp:ListItem>India</asp:ListItem>
                            <asp:ListItem>US</asp:ListItem>
                            <asp:ListItem>Canada</asp:ListItem>
                        </asp:DropDownList>
                     <asp:RequiredFieldValidator ID="r3" runat="server"
ControlToValidate="DropDownList1" ErrorMessage="Select Country"
ForeColor="#FF3300"></asp:RequiredFieldValidator>
                    </td>
                </tr>
                <tr>
                    <td>State</td>
                    <td>
                        <asp:DropDownList ID="DropDownList2" runat="server">
                            <asp:ListItem>Select State</asp:ListItem>
                        </asp:DropDownList>
                     <asp:RequiredFieldValidator ID="r4" runat="server"
ControlToValidate="DropDownList2" ErrorMessage="Select State"
ForeColor="#FF3300"></asp:RequiredFieldValidator>
                    </td>
                </tr>
                <tr>
                    <td class="auto-style1">MobileNo</td>
                    <td class="auto-style1">
                        <asp:TextBox ID="mo" runat="server"  TextMode="Number"
OnTextChanged="mo_TextChanged"></asp:TextBox>
                     
                        </td>
                </tr>
                <tr>
                    <td>Address</td>
                    <td>
                        <asp:TextBox ID="ad" runat="server"  TextMode="MultiLine"
Rows="4" ></asp:TextBox>
                     <asp:RequiredFieldValidator ID="r6" runat="server"
ControlToValidate="ad" ErrorMessage="Please Fill Up Address"
ForeColor="#FF3300"></asp:RequiredFieldValidator>
                    </td>
```

```
                </tr>
                <tr>
                    <td>Password</td>
                    <td>
                        <asp:TextBox ID="pa" runat="server"  TextMode="Password"
></asp:TextBox>
                     <asp:RequiredFieldValidator ID="r7" runat="server"
ControlToValidate="pa" ErrorMessage="Please Enter Password"
ForeColor="#FF3300"></asp:RequiredFieldValidator>
                    </td>
                </tr>
                <tr>
                    <td>ConfrimPassword</td>
                    <td>
                        <asp:TextBox ID="TextBox6" runat="server"
TextMode="Password"></asp:TextBox>
                     
                        <asp:CompareValidator ID="CompareValidator1" runat="server"
ControlToCompare="pa" ControlToValidate="TextBox6" ErrorMessage="Password Can not
Matched" ForeColor="#FF3300"></asp:CompareValidator>
                    </td>
                </tr>
                <tr>
                    <td> </td>
                    <td> </td>
                </tr>
                <tr>
                    <td></td>
                    <td>
                        <asp:Button ID="su" runat="server" OnClick="su_Click"
Text="Submit" />
                        <asp:Button ID="cl" runat="server" OnClick="cl_Click"
Text="Clear" />
                    </td>
                </tr>
                <tr>
                    <td> </td>
                    <td> </td>
                </tr>
                <tr>
                    <td><strong>Submited Information</strong></td>
                </tr>
                <tr>
                    <td >FirstName</td>
                    <td >
                        <asp:Label ID="f" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td >LastName</td>
                    <td >
                        <asp:Label ID="l" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
```

```
                    <td >Email</td>
                    <td >
                        <asp:Label ID="ema" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td >Date Of Birth</td>
                    <td >
                        <asp:Label ID="dob" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td>Gender</td>
                    <td>
                        <asp:Label ID="g" runat="server"></asp:Label>
                    </td>
                </tr>
                 <tr>
                        <td>MaterialStatus</td>
                        <td>
                            <asp:Label ID="ma" runat="server"></asp:Label>
                        </td>
                    </tr>
                    <tr>
                        <td>Hobbies</td>
                        <td>
                            <asp:Label ID="ha" runat="server"></asp:Label>
                        </td>
                    </tr>
                <tr>
                    <td>Country</td>
                    <td>
                        <asp:Label ID="c" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td>State</td>
                    <td>
                        <asp:Label ID="s" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td>MobileNo</td>
                    <td>
                        <asp:Label ID="m" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td>Address</td>
                    <td>
                        <asp:Label ID="a" runat="server"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td>Password</td>
```

```
                    <td>
                        <asp:Label ID="p" runat="server"></asp:Label>
                    </td>
                </tr>
            </table>
            <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConflictDetection="CompareAllValues" ConnectionString="<%$
ConnectionStrings:ConnectionString %>" DeleteCommand="DELETE FROM [students] WHERE [Id]
= @original_Id AND (([FirstName] = @original_FirstName) OR ([FirstName] IS NULL AND
@original_FirstName IS NULL)) AND (([LastName] = @original_LastName) OR ([LastName] IS
NULL AND @original_LastName IS NULL)) AND (([Email] = @original_Email) OR ([Email] IS
NULL AND @original_Email IS NULL)) AND (([DateOfBirth] = @original_DateOfBirth) OR
([DateOfBirth] IS NULL AND @original_DateOfBirth IS NULL)) AND (([Gender] =
@original_Gender) OR ([Gender] IS NULL AND @original_Gender IS NULL)) AND
(([MaterialStatus] = @original_MaterialStatus) OR ([MaterialStatus] IS NULL AND
@original_MaterialStatus IS NULL)) AND (([Country] = @original_Country) OR ([Country] IS
NULL AND @original_Country IS NULL)) AND (([State] = @original_State) OR ([State] IS
NULL AND @original_State IS NULL)) AND (([MobileNo] = @original_MobileNo) OR ([MobileNo]
IS NULL AND @original_MobileNo IS NULL)) AND (([Address] = @original_Address) OR
([Address] IS NULL AND @original_Address IS NULL)) AND (([Password] =
@original_Password) OR ([Password] IS NULL AND @original_Password IS NULL))"
InsertCommand="INSERT INTO [students] ([FirstName], [LastName], [Email], [DateOfBirth],
[Gender], [MaterialStatus], [Country], [State], [MobileNo], [Address], [Password])
VALUES (@FirstName, @LastName, @Email, @DateOfBirth, @Gender, @MaterialStatus, @Country,
@State, @MobileNo, @Address, @Password)" OldValuesParameterFormatString="original_{0}"
SelectCommand="SELECT * FROM [students]" UpdateCommand="UPDATE [students] SET
[FirstName] = @FirstName, [LastName] = @LastName, [Email] = @Email, [DateOfBirth] =
@DateOfBirth, [Gender] = @Gender, [MaterialStatus] = @MaterialStatus, [Country] =
@Country, [State] = @State, [MobileNo] = @MobileNo, [Address] = @Address, [Password] =
@Password WHERE [Id] = @original_Id AND (([FirstName] = @original_FirstName) OR
([FirstName] IS NULL AND @original_FirstName IS NULL)) AND (([LastName] =
@original_LastName) OR ([LastName] IS NULL AND @original_LastName IS NULL)) AND
(([Email] = @original_Email) OR ([Email] IS NULL AND @original_Email IS NULL)) AND
(([DateOfBirth] = @original_DateOfBirth) OR ([DateOfBirth] IS NULL AND
@original_DateOfBirth IS NULL)) AND (([Gender] = @original_Gender) OR ([Gender] IS NULL
AND @original_Gender IS NULL)) AND (([MaterialStatus] = @original_MaterialStatus) OR
([MaterialStatus] IS NULL AND @original_MaterialStatus IS NULL)) AND (([Country] =
@original_Country) OR ([Country] IS NULL AND @original_Country IS NULL)) AND (([State] =
@original_State) OR ([State] IS NULL AND @original_State IS NULL)) AND (([MobileNo] =
@original_MobileNo) OR ([MobileNo] IS NULL AND @original_MobileNo IS NULL)) AND
(([Address] = @original_Address) OR ([Address] IS NULL AND @original_Address IS NULL))
AND (([Password] = @original_Password) OR ([Password] IS NULL AND @original_Password IS
NULL))">
                <DeleteParameters>
                    <asp:Parameter Name="original_Id" Type="Int32" />
                    <asp:Parameter Name="original_FirstName" Type="String" />
                    <asp:Parameter Name="original_LastName" Type="String" />
                    <asp:Parameter Name="original_Email" Type="String" />
                    <asp:Parameter Name="original_DateOfBirth" Type="String" />
                    <asp:Parameter Name="original_Gender" Type="String" />
                    <asp:Parameter Name="original_MaterialStatus" Type="String" />
                    <asp:Parameter Name="original_Country" Type="String" />
                    <asp:Parameter Name="original_State" Type="String" />
                    <asp:Parameter Name="original_MobileNo" Type="Decimal" />
                    <asp:Parameter Name="original_Address" Type="String" />
                    <asp:Parameter Name="original_Password" Type="Object" />
```

```
                </DeleteParameters>
                <InsertParameters>
                    <asp:Parameter Name="FirstName" Type="String" />
                    <asp:Parameter Name="LastName" Type="String" />
                    <asp:Parameter Name="Email" Type="String" />
                    <asp:Parameter Name="DateOfBirth" Type="String" />
                    <asp:Parameter Name="Gender" Type="String" />
                    <asp:Parameter Name="MaterialStatus" Type="String" />
                    <asp:Parameter Name="Country" Type="String" />
                    <asp:Parameter Name="State" Type="String" />
                    <asp:Parameter Name="MobileNo" Type="Decimal" />
                    <asp:Parameter Name="Address" Type="String" />
                    <asp:Parameter Name="Password" Type="Object" />
                </InsertParameters>
                <UpdateParameters>
                    <asp:Parameter Name="FirstName" Type="String" />
                    <asp:Parameter Name="LastName" Type="String" />
                    <asp:Parameter Name="Email" Type="String" />
                    <asp:Parameter Name="DateOfBirth" Type="String" />
                    <asp:Parameter Name="Gender" Type="String" />
                    <asp:Parameter Name="MaterialStatus" Type="String" />
                    <asp:Parameter Name="Country" Type="String" />
                    <asp:Parameter Name="State" Type="String" />
                    <asp:Parameter Name="MobileNo" Type="Decimal" />
                    <asp:Parameter Name="Address" Type="String" />
                    <asp:Parameter Name="Password" Type="Object" />
                    <asp:Parameter Name="original_Id" Type="Int32" />
                    <asp:Parameter Name="original_FirstName" Type="String" />
                    <asp:Parameter Name="original_LastName" Type="String" />
                    <asp:Parameter Name="original_Email" Type="String" />
                    <asp:Parameter Name="original_DateOfBirth" Type="String" />
                    <asp:Parameter Name="original_Gender" Type="String" />
                    <asp:Parameter Name="original_MaterialStatus" Type="String" />
                    <asp:Parameter Name="original_Country" Type="String" />
                    <asp:Parameter Name="original_State" Type="String" />
                    <asp:Parameter Name="original_MobileNo" Type="Decimal" />
                    <asp:Parameter Name="original_Address" Type="String" />
                    <asp:Parameter Name="original_Password" Type="Object" />
                </UpdateParameters>
            </asp:SqlDataSource>

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

2. WebForm.aspx.cs

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

namespace EXP9_2
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=|DataDirectory|Database1.mdf;Integrat
ed Security=True");
        protected void Page_Load(object sender, EventArgs e)
        {
            con.Open();
            if (con.State == System.Data.ConnectionState.Open)
            {
                //Response.Write("All DOne");
                con.Close();
            }

        }

        protected void DropDownList1_SelectedIndexChanged(object sender, EventArgs
e)
        {
            if (DropDownList1.SelectedValue == "India")
            {
                DropDownList2.Items.Clear();
                DropDownList2.Items.Add(new ListItem("Select State"));
                DropDownList2.Items.Add(new ListItem("Gujarat"));
                DropDownList2.Items.Add(new ListItem("Maharastra"));
                DropDownList2.Items.Add(new ListItem("Goa"));

            }
            if (DropDownList1.SelectedValue == "US")
            {
                DropDownList2.Items.Clear();
                DropDownList2.Items.Add(new ListItem("Select State"));
                DropDownList2.Items.Add(new ListItem("California"));
                DropDownList2.Items.Add(new ListItem("Texas"));
                DropDownList2.Items.Add(new ListItem("Florida"));

            }
            if (DropDownList1.SelectedValue == "Canada")
            {
                DropDownList2.Items.Clear();
                DropDownList2.Items.Add(new ListItem("Select State"));
                DropDownList2.Items.Add(new ListItem("Alberta"));
                DropDownList2.Items.Add(new ListItem("Ontario"));
                DropDownList2.Items.Add(new ListItem("Qubec"));
```

```
            }
        }

        protected void su_Click(object sender, EventArgs e)
        {
            if (Page.IsValid)
            {
                f.Text = fn.Text;
                l.Text = ln.Text;
                ema.Text = em.Text;
                if (Male.Checked)
                {
                    g.Text = Male.Text;
                }
                else if (Female.Checked)
                {
                    g.Text = Female.Text;
                }

                if (singal.Checked)
                {
                    ma.Text = singal.Text;
                }
                else if (married.Checked)
                {
                    ma.Text = married.Text;
                }

                Literal la = new Literal();
                la.Text = "";
                for (int i = 0; i < CheckBoxList1.Items.Count; i++)
                {
                    if (CheckBoxList1.Items[i].Selected)
                    {
                        la.Text += CheckBoxList1.Items[i].Value.ToString();
                    }
                }
                dob.Text = Calendar1.SelectedDate.ToShortDateString();
                ha.Controls.Add(la);
                c.Text = DropDownList1.SelectedValue.ToString();
                s.Text = DropDownList2.SelectedValue.ToString();
                m.Text = mo.Text;
                a.Text = ad.Text;
                p.Text = pa.Text;

                con.Open();
                string qury = "insert into students
(FirstName,LastName,Email,DOB,Gender,MaritalStatus,Country,State,Mobile,Address,Pass
word) values('" + f.Text + "','" + l.Text + "','" + ema.Text + "','" + dob.Text +
"','" + g.Text + "','" + ma.Text + "','" + c.Text + "','" + s.Text + "','" + m.Text
+ "','" + a.Text + "','" + p.Text + "')";
                SqlCommand cmd = new SqlCommand(qury, con);
                int u = cmd.ExecuteNonQuery();
                if (u > 0)
                {
                    Response.Write("DataSave on dataBase");
                }
                con.Close();
```

```
            }

        }

        protected void cl_Click(object sender, EventArgs e)
        {
            fn.Text = "";
            ln.Text = "";
            em.Text = "";
            mo.Text = "";
            ad.Text = "";
            pa.Text = "";
            TextBox6.Text = "";
            DropDownList1.Items.Clear();
            DropDownList2.Items.Add(new ListItem("Select Country"));
            DropDownList2.Items.Clear();
            DropDownList2.Items.Add(new ListItem("Select State"));
            Male.Checked = false;
            Female.Checked = false;
            singal.Checked = false;
            married.Checked = false;
            CheckBoxList1.ClearSelection();
            g.Text = "";
            ma.Text = "";
            f.Text = fn.Text;
            l.Text = ln.Text;
            ema.Text = em.Text;
            c.Text = "";
            s.Text = "";
            m.Text = mo.Text;
            a.Text = ad.Text;
            p.Text = pa.Text;
        }

        protected void mo_TextChanged(object sender, EventArgs e)
        {

        }

    }
}
```

Output:-

DataSave on dataBase

Information About User

FirstName: Parth
LastName: Dedaniya
Email: parthdedaniya45@gmail.co

Date of Birth: September 2022

Mon	Tue	Wed	Thu	Fri	Sat	Sun
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2
3	4	5	6	7	8	9

Gender: (●) Male ( ) Female
MaritalStatus: (●) Single ( ) Married
Hobbies: [x] Cricket [x] Coding [ ] VollyBall
Country: India
State: Gujarat
MobileNo: 8866950226
Address: B-103, Dream City Kankot Road
Password:
ConfrimPassword:

Submit Clear

Submited Information

FirstName	Parth
LastName	Dedaniya
Email	parthdedaniya45@gmail.com
Date Of Birth	12-09-2022
Gender	Male
MaterialStatus	Single
Hobbies	CricketCoding
Country	India
State	Gujarat
MobileNo	8866950226
Address	B-103, Dream City Kankot Road
Password	12345678

dbo.students [Data] | Web.config | WebForm1.aspx.cs | dbo.students [Design] | WebForm1.aspx

Max Rows: 1000

Id	FirstName	LastName	Email	DOB	Gender	MaritalStatus	Country	State	Mobile	Address	Password
1	Parth	Dedaniya	parthdedaniya4...	09-12-2022	Male	Single	India	Gujarat	8866950226	B-103, Dream C...	12345678
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

EXPERIMENT – 10

Aim: Create the Sign In, Sign Up and Update Application

Procedure:

Procedure: user has all facility like registration, update profile and login.

As soon as user login user should navigate to update page where all the details of that user must be displayed accordingly.

User Session Object to store the User Information.

Use the Access/Sql Data source or The OLEDB Classes for the Data Base Connectivity.

Code:-

1.login.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="login.aspx.cs"
Inherits="EXP10.login" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <table style="width: 20%; height: 200px">
                <tr>
                    <td>Username:</td>
                    <td>
                        <asp:TextBox ID="tbUname" runat="server" />
                    </td>
                </tr>
                <tr>
                    <td>Password:</td>
                    <td>
                        <asp:TextBox ID="tbPass" runat="server" TextMode="Password"
/>
                    </td>
                </tr>
                <tr>
                    <td>
                        <asp:Button ID="btnSignIn" runat="server" Text="Sign In"
OnClick="BtnSignIn_Click" />
                    </td>
                    <td>
```

```
                        <asp:Button ID="btnSignUp" runat="server" Text="Sign Up"
OnClick="BtnSignUp_Click"/>
                    </td>
                </tr>
            </table>

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

2.login.aspx.cs

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

namespace EXP10
{
    public partial class login : System.Web.UI.Page
    {
        SqlConnection cn;
        protected void Page_Load(object sender, EventArgs e)
        {
            cn = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=F:\sem
7\WT\EXP10\EXP10\App_Data\Database1.mdf;Integrated Security=True");
        }

        protected void BtnSignIn_Click(object sender, EventArgs e)
        {
            cn.Open();
            if (cn.State == ConnectionState.Open)
            {
                string query = "select * from Student where stu_uname = '" +
tbUname.Text + "' and stu_pass = '" + tbPass.Text + "'";
                SqlCommand cmd = new SqlCommand(query, cn);
                SqlDataAdapter da = new SqlDataAdapter(cmd);
                DataSet ds = new DataSet();
                da.Fill(ds, "T1");
                Session["policy"] = ds;
                if (ds.Tables["T1"].Rows.Count > 0)
                {
                    Session["uname"] =
ds.Tables["T1"].Rows[0]["stu_uname"].ToString();
                    Response.Redirect("signinsignup.aspx");
                }
                else
```

```
                {
                    Response.Write("Invalid Credential");
                }
                cn.Close();
            }
        }
        protected void BtnSignUp_Click(object sender, EventArgs e)
        {
            Session.Remove("uname");
            Response.Redirect("signinsignup.aspx");
        }

    }
}
```

3. signup.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="signup.aspx.cs"
Inherits="EXP10.signup" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <table style="width: 20%; height: 200px">
                <tr>
                    <td>Username:</td>
                    <td>
                        <asp:TextBox ID="tbUname" runat="server" />
                    </td>
                </tr>
                <tr>
                    <td>First Name:</td>
                    <td>
                        <asp:TextBox ID="tbFname" runat="server" />
                    </td>
                </tr>
                <tr>
                    <td>Last Name:</td>
                    <td>
                        <asp:TextBox ID="tbLname" runat="server" />
                    </td>
                </tr>
                <tr>
```

```
                    <td>Password:</td>
                    <td>
                        <asp:TextBox ID="tbPass" runat="server" TextMode="Password"
/>
                    </td>
                </tr>
                <tr>
                    <td colspan="2">
                        <asp:Button ID="btnSubmit" runat="server" Text="Sign Up"
OnClick="BtnSubmit_Click" />
                    </td>
                </tr>
            </table>

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

4.signup.aspx.cs

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

namespace EXP10
{
    public partial class signup : System.Web.UI.Page
    {
        SqlConnection cn;

        protected void Page_Load(object sender, EventArgs e)
        {
            if (Session["uname"] != null)
            {
                btnSubmit.Text = "Update Data";
                DataSet ds = (DataSet)Session["policy"];
                tbUname.Text = ds.Tables["T1"].Rows[0]["stu_uname"].ToString();
                tbUname.Enabled = false;
                tbFname.Text = ds.Tables["T1"].Rows[0]["stu_fname"].ToString();
                tbLname.Text = ds.Tables["T1"].Rows[0]["stu_lname"].ToString();
            }
            else
            {
                btnSubmit.Text = "Sign Up";
```

```
            }
            cn = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=F:\sem
7\WT\EXP10\EXP10\App_Data\Database1.mdf;Integrated Security=True");
        }

        protected void BtnSubmit_Click(object sender, EventArgs e)
        {
            cn.Open();
            if (cn.State == ConnectionState.Open)
            {
                if (Session["uname"] != null)
                {
                    string query = "update Student set stu_fname = @fn, stu_lname =
@ln, stu_pass = @pass";
                    SqlCommand cmd = new SqlCommand(query, cn);
                    SqlParameter p1 = new SqlParameter("@fn", tbFname.Text);
                    SqlParameter p2 = new SqlParameter("@ln", tbLname.Text);
                    SqlParameter p3 = new SqlParameter("@pass", tbPass.Text);
                    cmd.Parameters.Add(p1);
                    cmd.Parameters.Add(p2);
                    cmd.Parameters.Add(p3);
                    if (cmd.ExecuteNonQuery() > 0 && tbFname.Text.Length > 0 &&
tbLname.Text.Length > 0 && tbPass.Text.Length > 0)
                    {
                        Response.Write("Updation successful");
                    }
                    else
                    {
                        Response.Write("Updation not successful");
                    }
                }
                else
                {
                    string query = "insert into
Student(stu_fname,stu_lname,stu_uname,stu_pass) values(@fn,@ln,@un,@pass)";
                    SqlCommand cmd = new SqlCommand(query, cn);
                    SqlParameter p1 = new SqlParameter("@fn", tbFname.Text);
                    SqlParameter p2 = new SqlParameter("@ln", tbLname.Text);
                    SqlParameter p3 = new SqlParameter("@un", tbUname.Text);
                    SqlParameter p4 = new SqlParameter("@pass", tbPass.Text);
                    cmd.Parameters.Add(p1);
                    cmd.Parameters.Add(p2);
                    cmd.Parameters.Add(p3);
                    cmd.Parameters.Add(p4);
                    if (cmd.ExecuteNonQuery() > 0)
                    {
                        Response.Write("Sign-Up successful");
                    }
                    else
                    {
                        Response.Write("Sign-Up not successful");
                    }
                }
            }
            cn.Close();
        }
```

```
    }
}
```

5.signinsignup.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="signinsignup.aspx.cs"
Inherits="EXP10.signinsignup" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <table style="width: 20%; height: 200px">
                <tr>
                    <td>Username:</td>
                    <td>
                        <asp:TextBox ID="tbUname" runat="server" />
                    </td>
                </tr>
                <tr>
                    <td>First Name:</td>
                    <td>
                        <asp:TextBox ID="tbFname" runat="server" />
                    </td>
                </tr>
                <tr>
                    <td>Last Name:</td>
                    <td>
                        <asp:TextBox ID="tbLname" runat="server" />
                    </td>
                </tr>
                <tr>
                    <td>Password:</td>
                    <td>
                        <asp:TextBox ID="tbPass" runat="server" TextMode="Password"
/>
                    </td>
                </tr>
                <tr>
                    <td colspan="2">
                        <asp:Button ID="btnSubmit" runat="server" Text="Sign Up"
OnClick="BtnSubmit_Click" />
                    </td>
                </tr>
            </table>
        </div>
    </form>
</body>
</html>
```

6.signinsignup.aspx.cs

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

namespace EXP10
{
    public partial class signinsignup : System.Web.UI.Page
    {
        SqlConnection cn;

        protected void Page_Load(object sender, EventArgs e)
        {
            if (Session["uname"] != null)
            {
                btnSubmit.Text = "Update Data";
                DataSet ds = (DataSet)Session["policy"];
                tbUname.Text = ds.Tables["T1"].Rows[0]["stu_uname"].ToString();
                tbUname.Enabled = false;
                tbFname.Text = ds.Tables["T1"].Rows[0]["stu_fname"].ToString();
                tbLname.Text = ds.Tables["T1"].Rows[0]["stu_lname"].ToString();
            }
            else
            {
                btnSubmit.Text = "Sign Up";
            }
            cn = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=F:\sem
7\WT\EXP10\EXP10\App_Data\Database1.mdf;Integrated Security=True");
        }

        protected void BtnSubmit_Click(object sender, EventArgs e)
        {
            cn.Open();
            if (cn.State == ConnectionState.Open)
            {
                if (Session["uname"] != null)
                {
                    string query = "update Student set stu_fname = @fn, stu_lname =
@ln, stu_pass = @pass";
                    SqlCommand cmd = new SqlCommand(query, cn);
                    SqlParameter p1 = new SqlParameter("@fn", tbFname.Text);
                    SqlParameter p2 = new SqlParameter("@ln", tbLname.Text);
                    SqlParameter p3 = new SqlParameter("@pass", tbPass.Text);
                    cmd.Parameters.Add(p1);
                    cmd.Parameters.Add(p2);
                    cmd.Parameters.Add(p3);
                    if (cmd.ExecuteNonQuery() > 0 && tbFname.Text.Length > 0 &&
tbLname.Text.Length > 0 && tbPass.Text.Length > 0)
                    {
                        Response.Write("Updation successful");
                    }
```

```
                    else
                    {
                        Response.Write("Updation not successful");
                    }
                }
                else
                {
                    string query = "insert into Student values(@fn,@ln,@un,@pass)";
                    SqlCommand cmd = new SqlCommand(query, cn);
                    SqlParameter p1 = new SqlParameter("@fn", tbFname.Text);
                    SqlParameter p2 = new SqlParameter("@ln", tbLname.Text);
                    SqlParameter p3 = new SqlParameter("@un", tbUname.Text);
                    SqlParameter p4 = new SqlParameter("@pass", tbPass.Text);
                    cmd.Parameters.Add(p1);
                    cmd.Parameters.Add(p2);
                    cmd.Parameters.Add(p3);
                    cmd.Parameters.Add(p4);
                    if (cmd.ExecuteNonQuery() > 0)
                    {
                        Response.Write("Sign-Up successful");
                    }
                    else
                    {
                        Response.Write("Sign-Up not successful");
                    }
                }
            }
            cn.Close();
        }
    }
}
```

Output:-

Sign-Up successful

Username: parthd

First Name: Parth

Last Name: Dedaniya

Password:

Sign Up

Username:

Password:

Sign In Sign Up

Username: parthd

First Name: Parth

Last Name: Dedaniya

Password:

Update Data

EXPERIMENT – 11

Aim: Create Application in which user is able to Submit his Profile with help of the Wizard and Multi View Control.

Procedure:

Create The Step wise GUI for (wizard/Multiview) in which user can put his details.

In fist Step Personal Information, in second step Academic information and last Job Profile as soon as he press submit button all details should be displayed.

Code:-

1.WizardView.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WizardView.aspx.cs"
Inherits="EXP11.WizardView" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Wizard ID="Wizard1" runat="server" ActiveStepIndex="0"
OnFinishButtonClick="Wizard1_FinishButtonClick"
OnNextButtonClick="Wizard1_NextButtonClick">
                <WizardSteps>
                   <asp:WizardStep runat="server" Title="Personal Information">
                        Full Name:-<asp:TextBox ID="TextBox1" runat="server"
></asp:TextBox>
                        <br />
                        Email :-      <asp:TextBox
ID="TextBox2" runat="server"></asp:TextBox>
                        <br />
                        Phone No:-
                        <asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>
                        <br />
                    </asp:WizardStep>
                    <asp:WizardStep runat="server" Title="Academic information">
                        12th Pass Year:-
         
                        <asp:TextBox ID="TextBox4" runat="server"></asp:TextBox>
                        <br />
                        12th percantage:-
        
```

```
                        <asp:TextBox ID="TextBox5" runat="server"></asp:TextBox>
                        <br />
                        10th Pass Year:-
         
                        <asp:TextBox ID="TextBox6" runat="server"></asp:TextBox>
                        <br />
                        10th percantage:-
        
                        <asp:TextBox ID="TextBox7" runat="server"></asp:TextBox>
                        <br />
                        Collage PassOutYear:-<asp:TextBox ID="TextBox8"
runat="server"></asp:TextBox>
                        <br />
                        Cpi:-
              
             
                        <asp:TextBox ID="TextBox9" runat="server"></asp:TextBox>
                    </asp:WizardStep>
                    <asp:WizardStep runat="server" Title="last Job">
                        LastJobLocation:- 
                        <asp:TextBox ID="TextBox10" runat="server"></asp:TextBox>
                        <br />
                        Package:-
              
                        <asp:TextBox ID="TextBox11" runat="server"></asp:TextBox>
                        <br />
                        YearOfExperince:-<asp:TextBox ID="TextBox12"
runat="server"></asp:TextBox>
                    </asp:WizardStep>
                </WizardSteps>
            </asp:Wizard>
            <br />

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

2. WizardView.aspx.cs

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

namespace EXP11
{
    public partial class WizardView : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
```

```
        }
        protected void Wizard1_FinishButtonClick(object sender,
WizardNavigationEventArgs e)
        {
            Session["lg"] = TextBox10.Text;
            Session["pa"] = TextBox11.Text;
            Session["yoe"] = TextBox12.Text;
            Response.Redirect("~/View.aspx");
        }

        protected void Wizard1_NextButtonClick(object sender,
WizardNavigationEventArgs e)
        {
            if (e.NextStepIndex == 1)
            {
                Session["fn"] = TextBox1.Text;
                Session["em"] = TextBox2.Text;
                Session["po"] = TextBox3.Text;

            }
            if (e.NextStepIndex == 2)
            {
                Session["12y"] = TextBox4.Text;
                Session["12p"] = TextBox5.Text;
                Session["10y"] = TextBox6.Text;
                Session["10p"] = TextBox7.Text;
                Session["cy"] = TextBox8.Text;
                Session["cpi"] = TextBox9.Text;
            }
        }

    }
}
```

Wizard Output:-

Personal Information
Academic information
last Job

Full Name:- Parth Dedaniya
Email :- parthdedaniya45@gmail.co
Phone No:- 8866950226

Next

Personal Information
Academic information
last Job

12th Pass Year:- 2019
12th percantage:- 80
10th Pass Year:- 2017
10th percantage:- 91
Collage PassOutYear:- 2023
Cpi:- 8.5

Previous Next

Personal Information
Academic information
last Job

LastJobLocation:- Amdavad
Package:- 6.5
YearOfExperince:- 0

Previous Finish

Full Name:-	Parth Dedaniya
Email :-	parthdedaniya45@gmail.com
Phone No:-	8866950226
12th Pass Year:-	2019
12th percantage:-	80
10th Pass Year:-	2017
10th percantage:-	91
Collage PassOutYear:-	2023
Cpi:-	8.5
LastJobLocation:-	Amdavad
Package:-	6.5
YearOfExperince:-	0

3. MultiView.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="MultiView.aspx.cs"
Inherits="EXP11.MultiView" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:MultiView ID="MultiView1" runat="server" ActiveViewIndex="0">
                <asp:View ID="View1" runat="server">
                    Full Name:-<asp:TextBox ID="TextBox1" runat="server"
></asp:TextBox>
                        <br />
                        Email :-      <asp:TextBox
ID="TextBox2" runat="server"></asp:TextBox>

                        <br />
                        Phone No:-
                        <asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>
                        <br />
                    <asp:Button ID="Button1" runat="server" Text="Next"
OnClick="Button1_Click" />
                        <br />
                </asp:View>
                <asp:View ID="View2" runat="server">
                    12th Pass Year:-
         
                        <asp:TextBox ID="TextBox4" runat="server"></asp:TextBox>
                        <br />
                        12th percantage:-
        
                        <asp:TextBox ID="TextBox5" runat="server"></asp:TextBox>
                        <br />
                        10th Pass Year:-
         
                        <asp:TextBox ID="TextBox6" runat="server"></asp:TextBox>
                        <br />
                        10th percantage:-
        
                        <asp:TextBox ID="TextBox7" runat="server"></asp:TextBox>
                        <br />
                        Collage PassOutYear:-<asp:TextBox ID="TextBox8"
runat="server"></asp:TextBox>
                        <br />
                        Cpi:-
              
             
                        <asp:TextBox ID="TextBox9" runat="server"></asp:TextBox>
                    <br />
                    <asp:Button ID="Button2" runat="server" Text="Prevease"
OnClick="Button2_Click" />
                     <asp:Button ID="Button3" runat="server" Text="Next"
OnClick="Button3_Click" />
```

```
                </asp:View>
                <asp:View ID="View3" runat="server">
                    LastJobLocation:- 
                        <asp:TextBox ID="TextBox10" runat="server"></asp:TextBox>
                        <br />
                        Package:-
              
                        <asp:TextBox ID="TextBox11" runat="server"></asp:TextBox>
                        <br />
                        YearOfExperince:-<asp:TextBox ID="TextBox12"
runat="server"></asp:TextBox>
                    <br />
                    <asp:Button ID="Button4" runat="server" Text="Finish"
OnClick="Button4_Click" />
                </asp:View>
            </asp:MultiView>

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

4. MultiView.aspx.cs

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

namespace EXP11
{
    public partial class MultiView : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            Session["fn"] = TextBox1.Text;
            Session["em"] = TextBox2.Text;
            Session["po"] = TextBox3.Text;
            MultiView1.SetActiveView(View2);
        }

        protected void Button3_Click(object sender, EventArgs e)
        {
            Session["12y"] = TextBox4.Text;
            Session["12p"] = TextBox5.Text;
            Session["10y"] = TextBox6.Text;
            Session["10p"] = TextBox7.Text;
            Session["cy"] = TextBox8.Text;
            Session["cpi"] = TextBox9.Text;
            MultiView1.SetActiveView(View3);
        }
```

```
        protected void Button4_Click(object sender, EventArgs e)
        {
            Session["lg"] = TextBox10.Text;
            Session["pa"] = TextBox11.Text;
            Session["yoe"] = TextBox12.Text;
            Response.Redirect("~/View.aspx");
        }

        protected void Button2_Click(object sender, EventArgs e)
        {
            MultiView1.SetActiveView(View1);
        }

    }
}
```

5.View.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="View.aspx.cs"
Inherits="EXP11.View" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <style type="text/css">
        .auto-style1 {
            width: 100%;
        }
        .auto-style2 {
            width: 227px;
        }
        .auto-style3 {
            width: 227px;
            height: 26px;
        }
        .auto-style4 {
            height: 26px;
        }
    </style>

</head>
<body>
    <form id="form1" runat="server">
        <div>
            <table class="auto-style1">
                <tr>
                    <td class="auto-style2">Full Name:-</td>
                    <td>
                        <asp:Label ID="Label1" runat="server"
Text="Label"></asp:Label>
                    </td>
                </tr>
                <tr>
```

```
                    <td class="auto-style2">Email :-</td>
                    <td>
                        <asp:Label ID="Label2" runat="server"
Text="Label"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td class="auto-style2">Phone No:-</td>
                    <td>
                        <asp:Label ID="Label3" runat="server"
Text="Label"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td class="auto-style2">12th Pass Year:-</td>
                    <td>
                        <asp:Label ID="Label4" runat="server"
Text="Label"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td class="auto-style2">12th percantage:-</td>
                    <td>
                        <asp:Label ID="Label5" runat="server"
Text="Label"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td class="auto-style2">10th Pass Year:-</td>
                    <td>
                        <asp:Label ID="Label6" runat="server"
Text="Label"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td class="auto-style2">10th percantage:-</td>
                    <td>
                        <asp:Label ID="Label7" runat="server"
Text="Label"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td class="auto-style2">Collage PassOutYear:-</td>
                    <td>
                        <asp:Label ID="Label8" runat="server"
Text="Label"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td class="auto-style2">Cpi:-</td>
                    <td>
                        <asp:Label ID="Label9" runat="server"
Text="Label"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td class="auto-style2">LastJobLocation:-</td>
                    <td>
```

```
                        <asp:Label ID="Label10" runat="server"
Text="Label"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td class="auto-style3">Package:-</td>
                    <td class="auto-style4">
                        <asp:Label ID="Label11" runat="server"
Text="Label"></asp:Label>
                    </td>
                </tr>
                <tr>
                    <td class="auto-style2">YearOfExperince:-</td>
                    <td>
                        <asp:Label ID="Label12" runat="server"
Text="Label"></asp:Label>
                    </td>
                </tr>
            </table>

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

6.View.aspx.cs

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

namespace EXP11
{
    public partial class View : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            Label1.Text = Session["fn"].ToString();
            Label2.Text = Session["em"].ToString();
            Label3.Text = Session["po"].ToString();
            Label4.Text = Session["12y"].ToString();
            Label5.Text = Session["12p"].ToString();
            Label6.Text = Session["10y"].ToString();
            Label7.Text = Session["10p"].ToString();
            Label8.Text = Session["cy"].ToString();
            Label9.Text = Session["cpi"].ToString();
            Label10.Text = Session["lg"].ToString();
            Label11.Text = Session["pa"].ToString();
            Label12.Text = Session["yoe"].ToString();
        }

    }
}
```

Multiview Output:-

Full Name:- Parth Dedaniya
Email :- parthdedaniya45@gmail.co
Phone No:- 8866950226
Next

12th Pass Year:- 2019
12th percantage:- 80
10th Pass Year:- 2017
10th percantage:- 91
Collage PassOutYear:- 2023
Cpi:- 8.5
Prevease Next

LastJobLocation:- Amdavad
Package:- 6.5
YearOfExperince:- 0
Finish

Full Name:-	Parth Dedaniya
Email :-	parthdedaniya45@gmail.com
Phone No:-	8866950226
12th Pass Year:-	2019
12th percantage:-	80
10th Pass Year:-	2017
10th percantage:-	91
Collage PassOutYear:-	2023
Cpi:-	8.5
LastJobLocation:-	Amdavad
Package:-	6.5
YearOfExperince:-	0

EXPERIMENT – 12

Aim: (i)Use the Asp Navigation control that allows user to navigation and selection facility the pages of Web site.

Procedure:

- Use Sitemap, tree view and Menu server Control.
- Bind these controls with the sitemap file for that user the sitemap data source.
- Bind Tree View and Menu Server Control with the XML file with help of the XML data source.
- Allow Selection and Display Selected values on the Screen.

Code:-

1.Web.sitemap

```
<?xml version="1.0" encoding="utf-8" ?>
<siteMap xmlns="http://schemas.microsoft.com/AspNet/SiteMap-File-1.0" >
      <siteMapNode title="DDU">
            <siteMapNode url="~/MasterHome" title="Home" description="Home Page">
                <siteMapNode url="~/MasterIT" title="IT" description="IT Dept." />
                <siteMapNode url="~/MasterCE" title="CE" description="CE Dept." />
            </siteMapNode>
      </siteMapNode>
</siteMap>
```

2.Site1.master

```
<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="Site1.master.cs"
Inherits="EXP12_1.Site1" %>

<!DOCTYPE html>

<html>
<head runat="server">
    <title></title>
    <asp:ContentPlaceHolder ID="head" runat="server">
    </asp:ContentPlaceHolder>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:ContentPlaceHolder ID="ContentPlaceHolder1" runat="server">
                <table style="font-family: Arial; border: 2px">
                    <tr>
                        <td colspan="2" style="width: 800px; height: 80px; text-
align: center; background-color: #BDBDBD;">
                            <h1>D D UNIVERSITY
```

```
                            </h1>
                            <h3>
                                <asp:SiteMapPath ID="SiteMapPath1"
runat="server"></asp:SiteMapPath>
                            </h3>
                        </td>
                    </tr>
                    <tr>
                        <td style="height: 500px; background-color: #D8D8D8; width:
150px">
                            <h3>Menu</h3>

                            <asp:HyperLink ID="HyperLink1" runat="server"
NavigateUrl="~/MasterIT.aspx">IT</asp:HyperLink>
                            <br />
                            <asp:HyperLink ID="HyperLink2" runat="server"
NavigateUrl="~/MasterCE.aspx">CE</asp:HyperLink>


                        </td>
                        <td style="height: 500px; background-color: #E6E6E6; width:
650px">
                            <asp:ContentPlaceHolder ID="MainContent" runat="server">
                                <h1>Section that changes </h1>
                            </asp:ContentPlaceHolder>
                        </td>
                    </tr>
                    <tr>
                        <td colspan="2" style="background-color: #BDBDBD; text-
align: center">
                            <b>Nadiad</b>
                        </td>
                    </tr>
                </table>

            </asp:ContentPlaceHolder>
        </div>
    </form>
</body>
</html>
```

3.MasterHome.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master"
AutoEventWireup="true" CodeBehind="MasterHome.aspx.cs" Inherits="EXP12_1.WebForm1"
%>

<asp:Content ID="home" ContentPlaceHolderID="MainContent" runat="server">
    <h1>Welcome to DDU</h1>
</asp:Content>
```

4.MasterIT.aspx

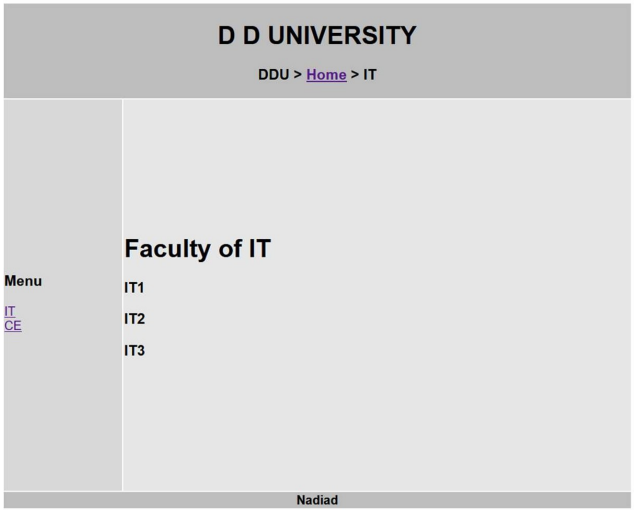
```
<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master"
AutoEventWireup="true" CodeBehind="MasterIT.aspx.cs" Inherits="EXP12_1.WebForm2" %>

<asp:Content ID="it" ContentPlaceHolderID="MainContent" runat="server">
    <h1>Faculty of IT</h1>
    <h3>IT1</h3>
```

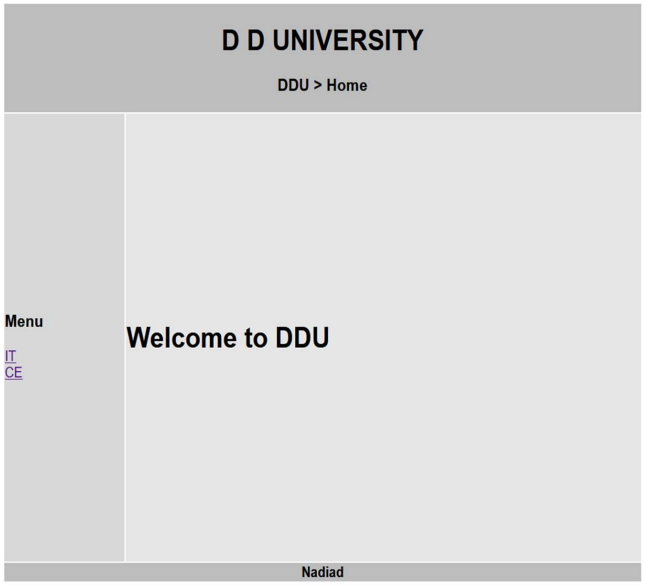
```
    <h3>IT2</h3>
    <h3>IT3</h3>
</asp:Content>
```

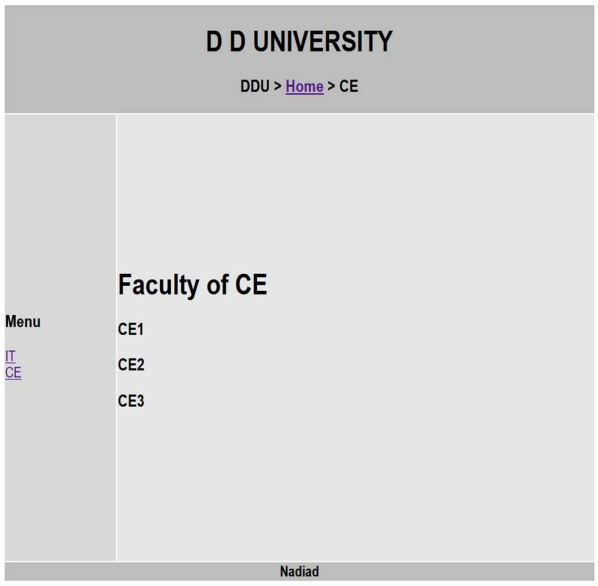
5.MasterCE.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master"
AutoEventWireup="true" CodeBehind="MasterCE.aspx.cs" Inherits="EXP12_1.WebForm3" %>

<asp:Content ID="ce" ContentPlaceHolderID="MainContent" runat="server">
    <h1>Faculty of CE</h1>
    <h3>CE1</h3>
    <h3>CE2</h3>
    <h3>CE3</h3>
</asp:Content>
```

Output:







Aim: (ii) Create an application which displays the advertisement through Ad rotator Server Control.

Procedure:

- Create GUI for displaying the advertisement.
- Create Advertisement file(XML File) , Set all the Attribute of the file.
- Bind the file with XML DataSource .
- Bind Adrotator control with datasource.

Code:-

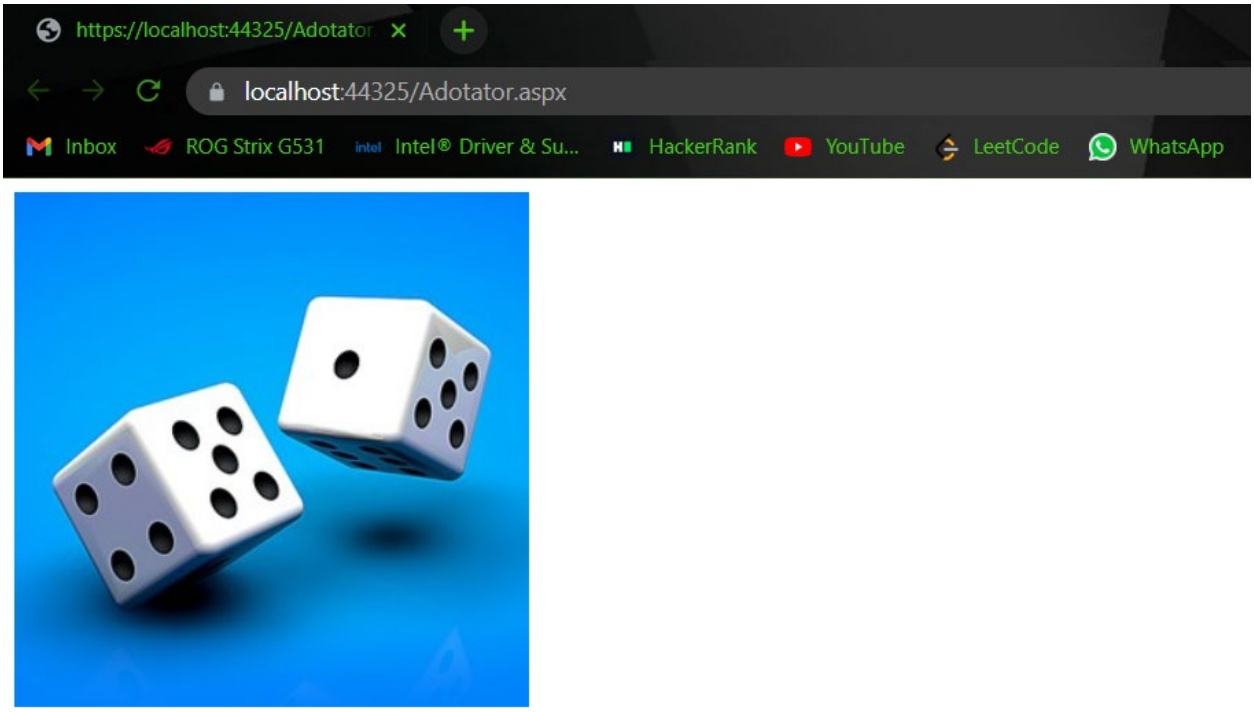
1.AdContent.xml

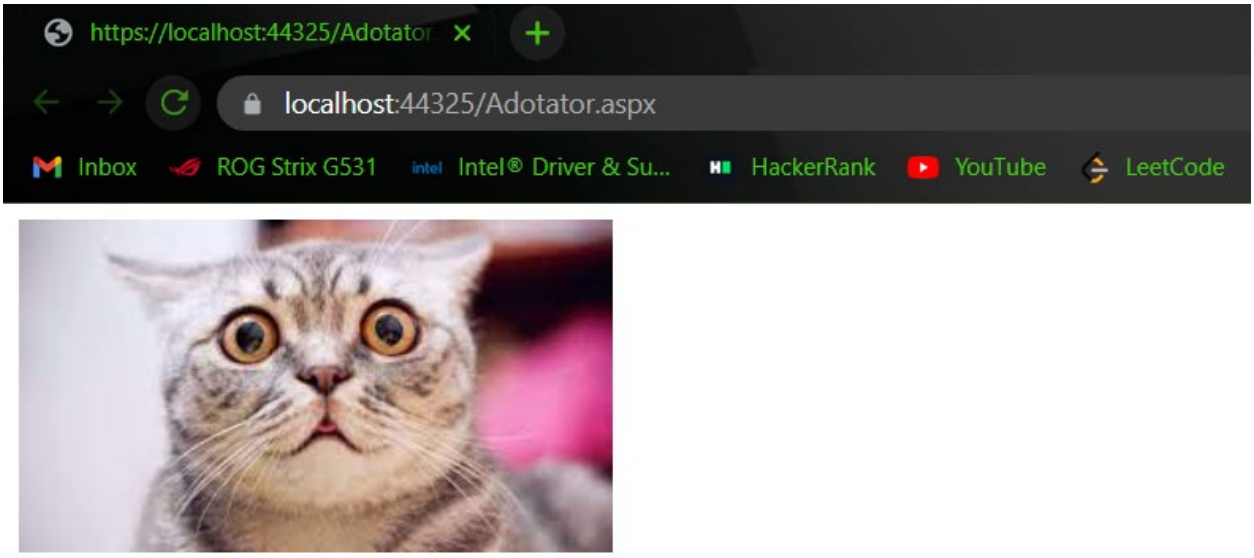
```
<?xml version="1.0" encoding="utf-8" ?>
<Advertisements>
	<Ad>
		<ImageUrl>~/image/dice.jpg</ImageUrl>
		<NavigateUrl>https://google.com</NavigateUrl>
		<AlternativeText>google</AlternativeText>
		<Impressions>10</Impressions>
		<Keyword>g</Keyword>
	</Ad>
	<Ad>
		<ImageUrl>~/image/cat.jpg</ImageUrl>
		<NavigateUrl>https://youtube.com</NavigateUrl>
		<AlternativeText>youTube</AlternativeText>
		<Impressions>20</Impressions>
		<Keyword>y</Keyword>
	</Ad>
</Advertisements>
```

2.AdRotator.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Adotator.aspx.cs"
Inherits="EXP12_2.Adotator" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:AdRotator ID="AdRotator1" runat="server"
AdvertisementFile="~/AdContent.xml" Target="_blank" />
        </div>
    </form>
</body>
</html>
```

Output:


https://localhost:44325/Adotator
localhost:44325/Adotator.aspx
Inbox
ROG Strix G531
Intel® Driver & Su...
HackerRank
YouTube
LeetCode
WhatsApp


https://localhost:44325/Adotator
localhost:44325/Adotator.aspx
Inbox
ROG Strix G531
Intel® Driver & Su...
HackerRank
YouTube
LeetCode

EXPERIMENT – 13

Aim: Create cache application in which, there should be implementation of File-based dependency, key-based dependency, and Time-based dependency.

Procedure:

- Create Application with Cache Dependency Class.
- Use different constructors for different type of dependency.
- Create two XML file with data, bind it with xml data source.
- Create buttons which will cache the file in memory, display it and remove it from the memory.

Code:-

Cache.xml

```
<?xml version="1.0" encoding="utf-8" ?>
<address>
	<add1>
		<nm>kdj</nm>
		<add>naid</add>
		<pno>123</pno>
	</add1>
	<add1>
		<nm>kkkk</nm>
		<add>nad</add>
		<pno>555</pno>
	</add1>
	<add1>
		<nm>kkkk</nm>
		<add>nad</add>
		<pno>555</pno>
	</add1>
	<add1>
		<nm>kkkk</nm>
		<add>nad</add>
		<pno>555</pno>
	</add1>
</address>
```

(1) File based Dependency:

CacheFileDependency.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true"
CodeBehind="CacheFileDependency.aspx.cs" Inherits="EXP13.CacheFileDependency" %>

<!DOCTYPE html>

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

```
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Label ID="mylabel1" runat="server" Style="z-index: 100; left: 31px;
position: absolute; top: 26px"></asp:Label>
            <input id="Submit1" runat="server" name="Submit1" onserverclick="Create"
style="z-index: 102; left: 23px; position: absolute; top: 152px" type="submit"
value="Create Cache" onclick="return Submit1_onclick()" />
            <input id="Submit2" runat="server" name="Submit2"
onserverclick="Display" style="z-index: 103; left: 168px; position: absolute; top:
150px" type="submit" value="Display Cache" />
            <input id="Submit3" runat="server" name="Submit3" onserverclick="Change"
style="z-index: 104; left: 314px; position: absolute; top: 151px" type="submit"
value="Change Cache" />
            <asp:GridView ID="gv" runat="server" Style="z-index: 105; left: 185px;
position: absolute; top: 224px"></asp:GridView>
        </div>
    </form>
</body>
</html>
```

CacheFileDependency.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Data;
using System.Linq;
using System.Security.Cryptography;
using System.Web;
using System.Web.Caching;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace EXP13
{
    public partial class CacheFileDependency : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        { }
        protected void Create(object sender, EventArgs e)
        {
            DataSet ds = new DataSet();
            ds.ReadXml("F:\\sem 7\\WT\\EXP13\\EXP13\\cache.xml");
            CacheDependency filedep = new CacheDependency("F:\\sem
7\\WT\\EXP13\\EXP13\\cache.xml");
            Cache.Insert("add", ds, filedep);
            mylabel1.Text = "cache full";
        }
        protected void Display(object sender, EventArgs e)
        {
            DataSet ds1 = new DataSet(); if (Cache["add"] == null)
            {
                gv.DataSource = null; gv.DataBind();
                mylabel1.Text = "cache empty";
            }
            else
            {
                ds1 = (DataSet)Cache["add"];
```

```
                gv.DataSource = ds1;
                gv.DataBind();
            }
        }
        protected void Change(object sender, EventArgs e)
        {
            Cache.Remove("add");
            mylabel1.Text = "cache removed";
        }

    }
   }
```

(2) <u>Key based Dependency:</u>

CacheKeyDependency.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true"
CodeBehind="CacheKeyDependency.aspx.cs" Inherits="EXP13.CacheKeyDependency" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <div>
                <asp:Label ID="mylabel1" runat="server" Style="z-index: 100; left:
66px; position: absolute; top: 20px"></asp:Label>
                <br />
                <input id="Submit1" runat="server" name="Submit1"
onserverclick="Create" style="z-index: 102; left: 21px; position: absolute; top:
126px"
                    type="submit" value="Create Cache" />
                <input id="Submit2" runat="server" name="Submit2"
onserverclick="Display" style="z-index: 103; left: 181px; position: absolute; top:
125px"
                    type="submit" value="Display Cache" />
                <input id="Submit3" runat="server" name="Submit3"
onserverclick="Change" style="z-index: 104; left: 354px; position: absolute; top:
122px"
                    type="submit" value="Change Cache" />
            </div>
        </div>
    </form>
</body>
</html>
```

CacheKeyDependency.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Security.Policy;
```

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

namespace EXP13
{
    public partial class CacheKeyDependency : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        { }
        protected void Create(object sender, EventArgs e)
        {
            Cache["address"] = "ddu";
            Cache["add1"] = "nadiad";
            string[] keydep;
            keydep = new string[2];
            keydep[0] = "address";
            keydep[1] = "add1";
            CacheDependency keydependency = new CacheDependency(null, keydep);
            Cache.Insert("phone", "1123", keydependency);
            mylabel1.Text = "Cache Full";
        }
        protected void Display(object sender, EventArgs e)
        {
            if (Cache["phone"] == null)
            {
                mylabel1.Text = "Cache Empty";
            }
            else
            {
                mylabel1.Text = "Address:" + Cache["address"] + "<br>" +
Cache["add1"] + "<br> Phone: " + Cache["phone"];
            }
        }
        protected void Change(object sender, EventArgs e)
        {
            Cache.Remove("address");
            Response.Write(Cache["phone"]);
            mylabel1.Text = "Address removed";
        }
    }
   }
```

(3) Time based Dependency:

CacheTimeDependency.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true"
CodeBehind="CacheTimeDependency.aspx.cs" Inherits="EXP13.CacheTimeDependency" %>

<!DOCTYPE html>

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

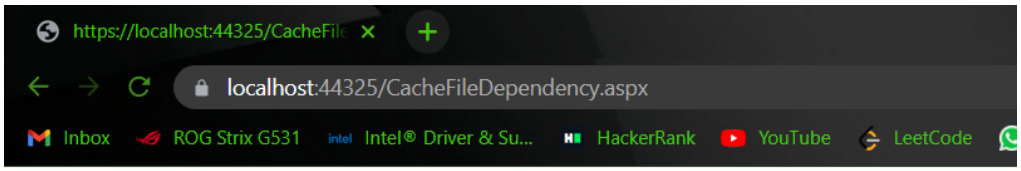
```
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Label ID="mylabel1" runat="server" Style="z-index: 100; left: 62px;
position: absolute; top: 24px"></asp:Label>
            <input id="Submit1" runat="server" name="Submit1" onserverclick="Create"
style="z-index: 102; left: 50px; position: absolute; top: 99px"
                type="submit" value="Create Cache" onclick="return
Submit1_onclick()" />
            <input id="Submit2" runat="server" name="Submit2"
onserverclick="Display" style="z-index: 103; left: 238px; position: absolute; top:
102px"
                type="submit" value="Display Cache" />
            <asp:GridView ID="gv" runat="server" Style="z-index: 104; left: 66px;
position: absolute; top: 171px"></asp:GridView>

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

CacheTimeDependency.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Data;
using System.Linq;
using System.Security.Cryptography;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace EXP13
{
    public partial class CacheTimeDependency : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        { }
        protected void Create(object sender, EventArgs e)
        {
            DataSet ds = new DataSet();
            ds.ReadXml("F:\\sem 7\\WT\\EXP13\\EXP13\\cache.xml");
            // Cache.Insert("add", ds,
null,DateTime.Now.AddSeconds(2),TimeSpan.Zero); Cache.Insert("add", ds, null,
Cache.NoAbsoluteExpiration, TimeSpan.FromSeconds(2));
            mylabel1.Text = "cache full";
        }
        protected void Display(object sender, EventArgs e)
        {
            DataSet ds1 = new DataSet(); if (Cache["add"] == null)
            {
                gv.DataSource = null; gv.DataBind(); mylabel1.Text = "cache empty";
            }
            else
            {
                ds1 = (DataSet)Cache["add"]; gv.DataSource = ds1; gv.DataBind();
            }
        }
```

```
  }
}
```

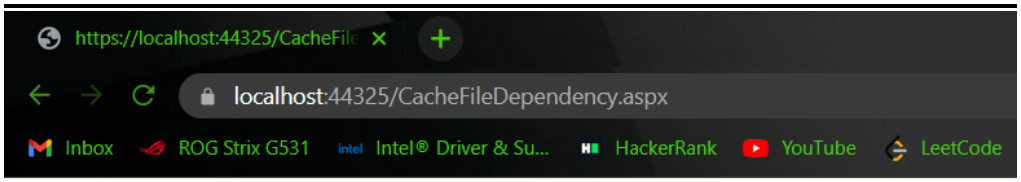
Output:



cache full

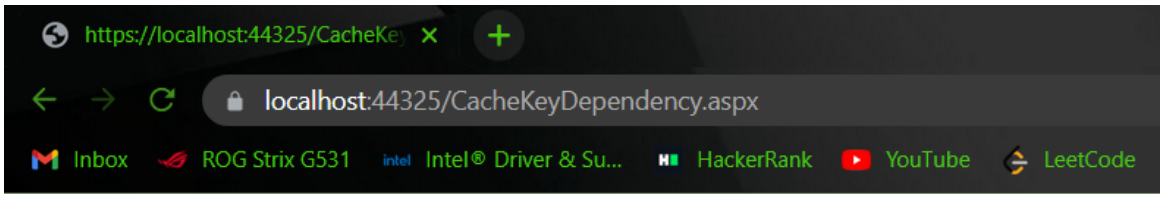
Create Cache Display Cache Change Cache

nm	add	pno
kdj	naid	123
kkkk	nad	555
kkkk	nad	555
kkkk	nad	555



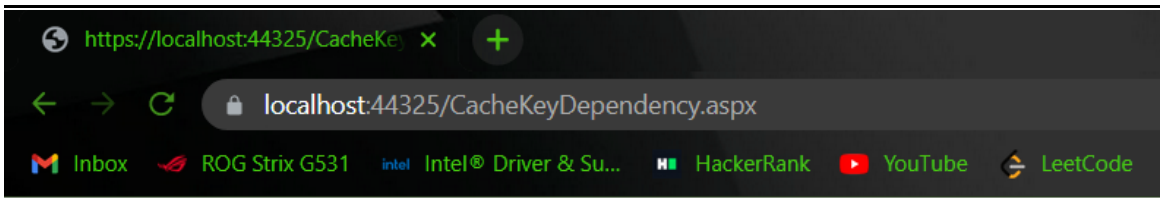
cache full

Create Cache Display Cache Change Cache



Address:ddu
nadiad
Phone: 1123

Create Cache Display Cache Change Cache



Address removed

Create Cache Display Cache Change Cache

https://localhost:44325/CacheTim
localhost:44325/CacheTimeDependency.aspx
Inbox
ROG Strix G531
Intel® Driver & Su...
HackerRank
YouTube
LeetCode
cache full
Create Cache
Display Cache
nm add pno
kdj naid 123
kkkk nad 555
kkkk nad 555
kkkk nad 555

EXPERIMENT – 14

Aim: Create the Application which gets the user profile from the user with the help of the user control.

Procedure:

- Create A gui Which Enables user to enter the User's Profile with help of the User Control.
- Register User Control To the Web Page.
- Display All details to user on pressing the Submit Button

Code:-

Global.asax:

```
<%@ Application Language="C#" %>
<script RunAt="server">
    void Application_Start(object sender, EventArgs e)
    {
        // Code that runs on application startup
        //Application.Lock();

        //Application["counts"] = count;
        //Application["msg"] = "";
        //Application.UnLock(); Application.Lock(); Application["msg1"] = "";
        Application["msg2"] = "";
        Application["msg3"] = ""; Application.UnLock();
    }

    void Application_End(object sender, EventArgs e)
    {
        // Code that runs on application shutdown
    }
    void Application_Error(object sender, EventArgs e)
    {
        // Code that runs when an unhandled error occurs
    }

    void Session_Start(object sender, EventArgs e)

    {
        // Code that runs when a new session is started
    }

    void Session_End(object sender, EventArgs e)
    {
        // Code that runs when a session ends.
        // Note: The Session_End event is raised only when the sessionstate mode
// is set to InProc in the Web.config file. If session mode is set to StateServer //
or SQLServer, the event is not raised.
    }
</script>
```

User1->Default1.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Default1.aspx.cs"
Inherits="EXP14.Default1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Button ID="Button1" runat="server" OnClick="Button1_Click"
Style="z- index: 1; left: 13px; top: 48px; position: absolute" Text="Button" />

        </div>
        <asp:TextBox ID="TextBox1" runat="server" Style="z-index: 1; left: 11px;
top: 15px; position: absolute"></asp:TextBox>
        <p>

            <asp:Label ID="Label1" runat="server" Style="z-index: 1; left: 28px;
top: 164px; position: absolute" Text="Label"></asp:Label>
        </p>
        <asp:RadioButtonList ID="RadioButtonList1" runat="server" Style="z-index: 1;
left: 10px; top: 91px; position: absolute; height: 27px; width: 82px">
            <asp:ListItem>User2</asp:ListItem>
            <asp:ListItem>User3</asp:ListItem>
        </asp:RadioButtonList>
        <asp:Label ID="Label2" runat="server" Style="z-index: 1; left: 229px; top:
165px; position: absolute" Text="Label"></asp:Label>
    </form>
</body>
</html>
```

User1->Default1.aspx.cs:

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

namespace EXP14
{
    public partial class Default1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            Application.Lock();
            Label1.Text = (string)Application["msg2"]; Label2.Text =
(string)Application["msg3"]; Application.UnLock(); Response.AppendHeader("Refresh",
"7");
        }
        protected void Button1_Click(object sender, EventArgs e)
        {
```

```
            Application.Lock();

            if ((RadioButtonList1.SelectedItem.ToString()).Equals("User2"))
            {
                string msg = Application["msg2"].ToString() + "User1" + ": " +
TextBox1.Text + "<br/>";
                Application["msg2"] = msg.ToString(); Label1.Text =
Application["msg2"].ToString();
            }
            else if ((RadioButtonList1.SelectedItem.ToString()).Equals("User3"))
            {
                string msg = Application["msg3"].ToString() + "User1" + ": " +
TextBox1.Text
                + "<br/>";
                Application["msg3"] = msg.ToString(); Label2.Text =
Application["msg3"].ToString();
            }

            Application.UnLock();
        }

    }
}
```

User2->Default2.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Default2.aspx.cs"
Inherits="EXP14.Default2" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Label ID="Label1" runat="server" Style="z-index: 1; left: 16px;
top: 84px; position: absolute" Text="Label"></asp:Label>
            <asp:Button ID="Button1" runat="server" OnClick="Button1_Click"
Style="z- index: 1; left: 15px; top: 45px; position: absolute" Text="Button" />
            <asp:TextBox ID="TextBox1" runat="server" Style="z-index: 1; left: 13px;
top: 13px; position: absolute"></asp:TextBox>

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

User2->Default2.aspx.cs:

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

```
namespace EXP14
{
    public partial class Default2 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            Application.Lock();
            Label1.Text = (string)Application["msg2"]; Application.UnLock();
Response.AppendHeader("Refresh", "7");
        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            Application.Lock(); string msg = Application["msg2"].ToString() +
"User2" + ": " + TextBox1.Text + "<br/>";
            Application["msg2"] = msg.ToString(); Label1.Text =
Application["msg2"].ToString(); Application.UnLock();
        }

    }
}
```

User3->Default3.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Default3.aspx.cs"
Inherits="EXP14.Default3" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Label ID="Label1" runat="server" Style="z-index: 1; left: 16px;
top: 84px; position: absolute" Text="Label"></asp:Label>
            <asp:Button ID="Button1" runat="server" OnClick="Button1_Click"
Style="z- index: 1; left: 15px; top: 45px; position: absolute" Text="Button" />
            <asp:TextBox ID="TextBox1" runat="server" Style="z-index: 1; left: 13px;
top: 13px; position: absolute"></asp:TextBox>

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

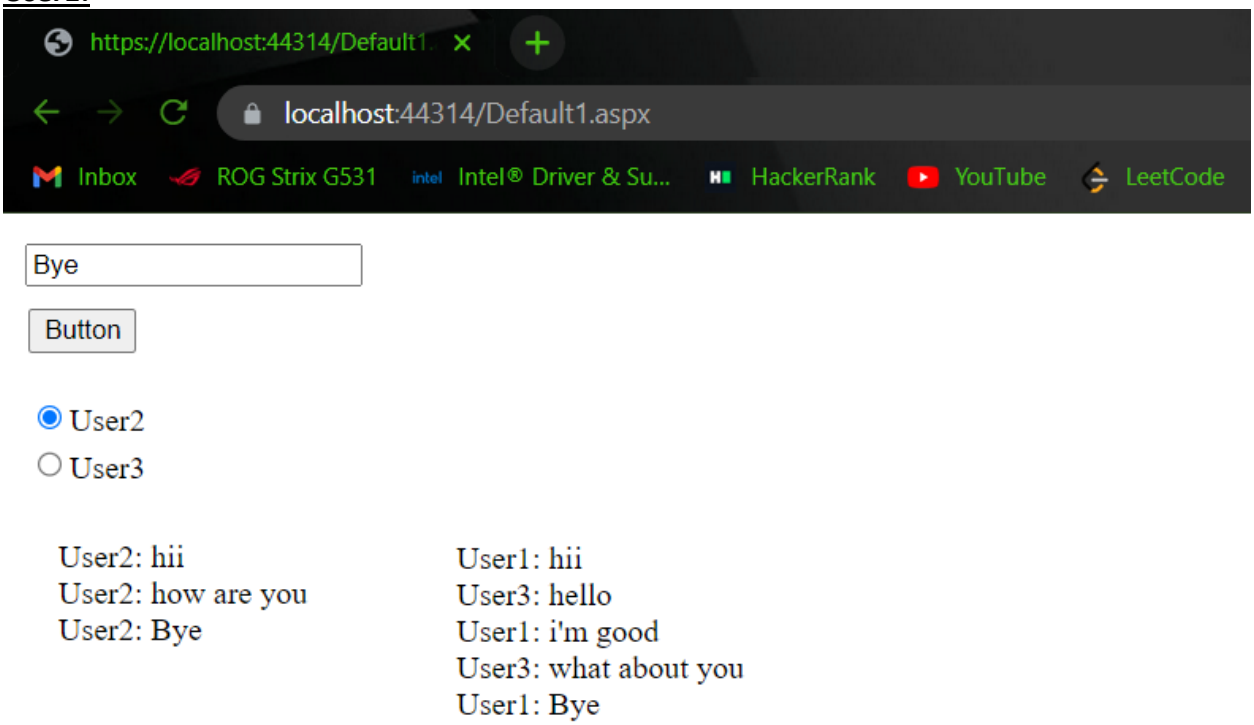
User3->Default3.aspx.cs:

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

namespace EXP14
```

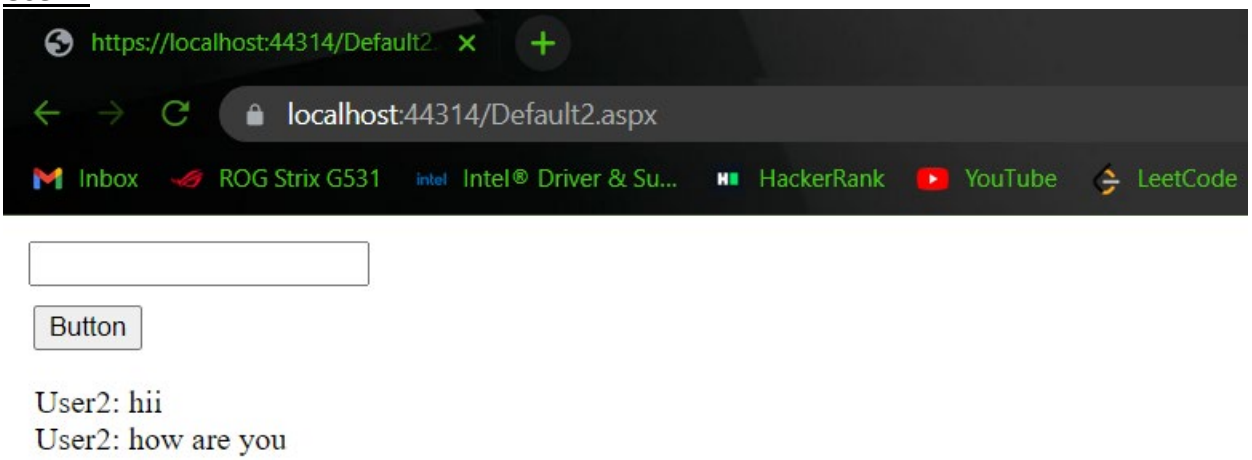
```
{
    public partial class Default3 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            Application.Lock();
            Label1.Text = (string)Application["msg3"];
            Application.UnLock();
            Response.AppendHeader("Refresh", "7");
        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            Application.Lock();
            string msg = Application["msg3"].ToString() + "User3" + ": " +
TextBox1.Text + "<br/>";
            Application["msg3"] = msg.ToString();
            Label1.Text = Application["msg3"].ToString();
            Application.UnLock();
        }

    }
}
```

Output:

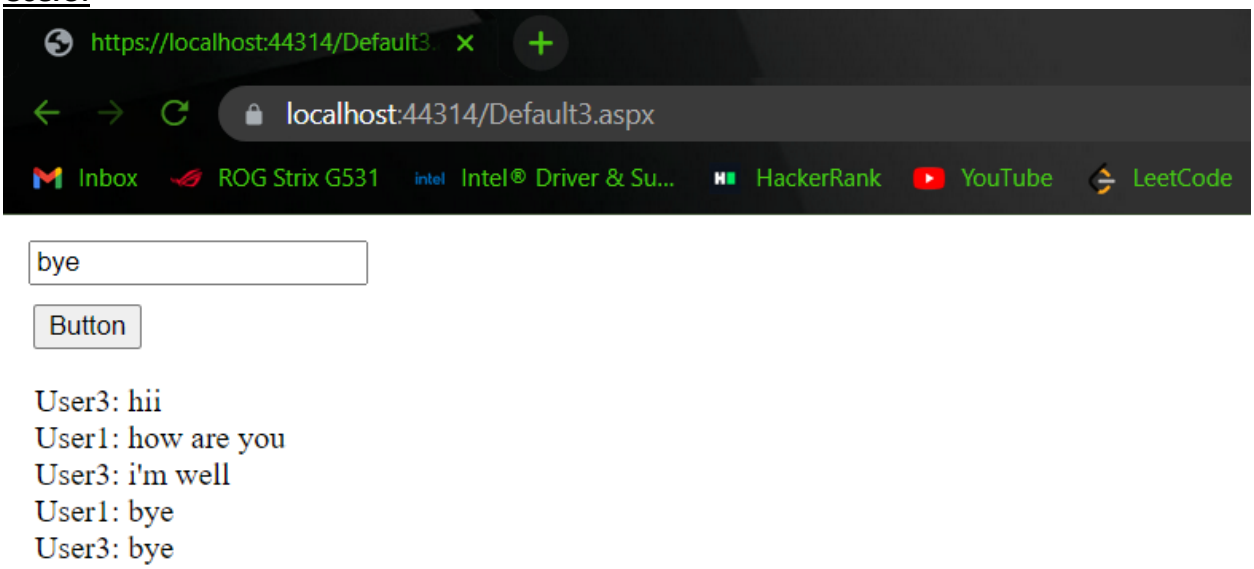
User1:



User2:


https://localhost:44314/Default2
localhost:44314/Default2.aspx
Inbox
ROG Strix G531
Intel® Driver & Su...
HackerRank
YouTube
LeetCode
Button
User2: hii
User2: how are you

User3:


https://localhost:44314/Default3
localhost:44314/Default3.aspx
Inbox
ROG Strix G531
Intel® Driver & Su...
HackerRank
YouTube
LeetCode
bye
Button
User3: hii
User1: how are you
User3: i'm well
User1: bye
User3: bye

EXPERIMENT – 15

Aim: Create an application to show LinQ for built in memory object like array or listand database.

Code:-

Webform1.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="EXP15.WebForm1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
  <title></title>
</head>
<body>
  <form id="form1" runat="server">
    <div>
      <asp:GridView ID="GridView1" runat="server"></asp:GridView>
    </div>
  </form>
</body>
</html>
```

Student.cs:

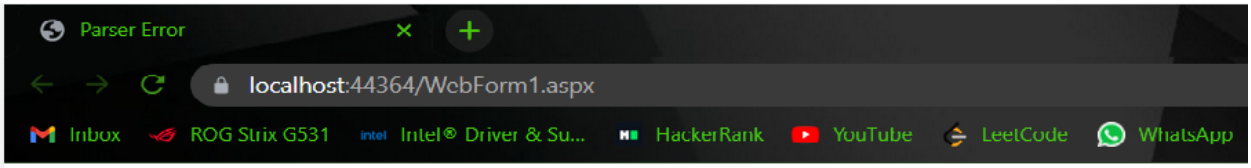
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;

namespace EXP15
{
  public class Student
  {
    public int ID { get; set; }
    public string Name { get; set; }
    public string Gender { get; set; }

    public static List<Student> GetAllStudents()
    {
      List<Student> listStudents = new List<Student>();

      Student student1 = new Student
      {
        ID = 1,
        Name = "Parth",
        Gender = "Male"
```

```
        };
        listStudents.Add(student1);

        Student student2 = new Student
        {
           ID = 2,
           Name = "Priya",
           Gender = "Female"
        };
        listStudents.Add(student2);

        Student student3 = new Student
        {
           ID = 3,
           Name = "Poojan",
           Gender = "Male"
        };
        listStudents.Add(student3);

        Student student4 = new Student
        {
           ID = 4,
           Name = "Prit",
           Gender = "Male"
        };
        listStudents.Add(student4);

        return listStudents;
     }
  }
}
```

WebForm1.aspx.cs:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="EXP15.WebForm1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
   <title></title>
</head>
<body>
   <form id="form1" runat="server">
      <div>
         <asp:GridView ID="GridView1" runat="server"></asp:GridView>
      </div>
   </form>
</body>
</html>
```

Output:



ID	Name	Gender
1	Parth	Male
3	Poojan	Male
4	Prit	Male

EXPERIMENT – 16

Aim: Create an asp.net MVC application.

Code:-

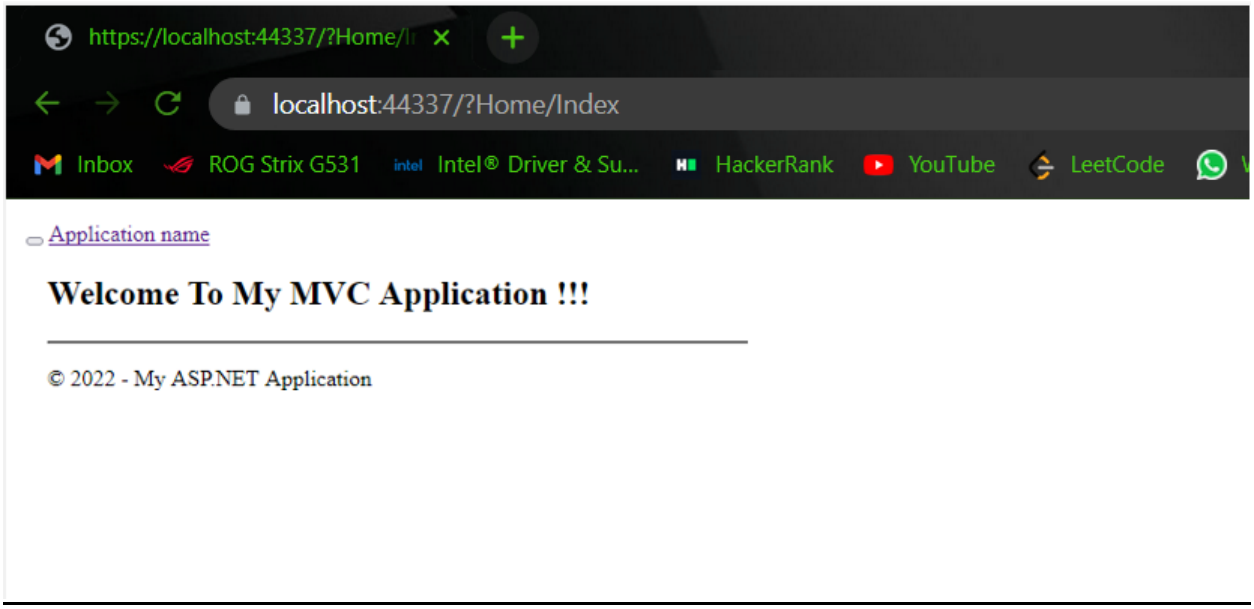
RouteConfig.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;
using System.Web.Routing;

namespace EXP16
{
   public class RouteConfig
   {
      public static void RegisterRoutes(RouteCollection routes)
      {
         routes.IgnoreRoute("{resource}.axd/{*pathInfo}");

         routes.MapRoute(name: "Default", url: "{controller}/{action}/{id}", defaults: new { controller = "Home", action =
"Index", id = UrlParameter.Optional });
      }
   }
}
```

HomeController.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;

namespace EXP16
{
   public class HomeController : Controller
   {
      // GET: Home
      public ActionResult Index()
      {
         return View();
      }
   }
}
```

Index.cshtml:

```
@{
   ViewBag.Title = "Index";
}

<h2>
   Welcome To My MVC Application !!!
</h2>
```

Output: