

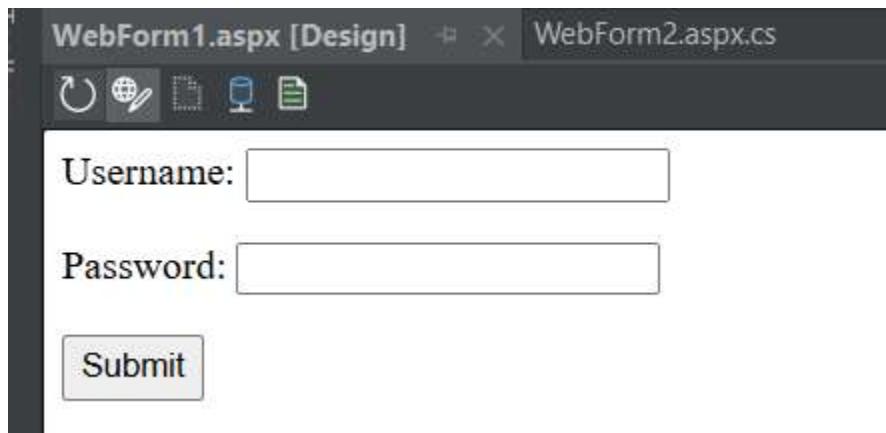
Practical – 1

Aim: Create a website to pass username and password from one page to another within a query string and check if its valid or invalid user.

- **Code of WebForm1.aspx:**

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="WebApplication2.WebForm1" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Demo</title>
</head>
<body style="height: 207px">
    <form id="form1" runat="server">
        <asp:Label ID="Label1" runat="server" Text="Username:></asp:Label>
        <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
        <p>
            <asp:Label ID="Label2" runat="server" Text="Password:></asp:Label>
            <asp:TextBox ID="TextBox2" runat="server" TextMode="Password"></asp:TextBox>
        </p>
        <asp:Button ID="Button1" runat="server" Text="Submit"
        OnClick="Button1_Click" style="height: 26px" />
    </form>
</body>
</html>
```

- **Design:**



- **Code of 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 WebApplication2
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e) { }

        protected void Button1_Click(object sender, EventArgs e)
        {
            string username = TextBox1.Text;
            string password = TextBox2.Text;
            Session["uname"] = username;
            Session["pass"] = password;
            Response.Redirect("WebForm2");
        }
    }
}

```

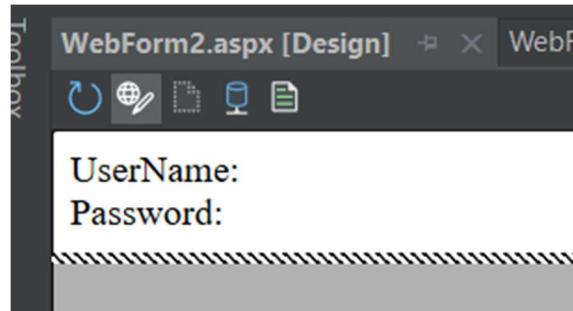
- **Code of WebForm2.aspx:**

```

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs"
Inherits="WebApplication2.WebForm2" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Label ID="Label1" runat="server" Text="UserName: "></asp:Label>
        </div>
        <asp:Label ID="Label2" runat="server" Text="Password: "></asp:Label>
    </form>
</body>
</html>

```

- **Design:**



- **Code of WebForm2.aspx.cs:**

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

namespace WebApplication2
{
    public partial class WebForm2 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            String username = Session["uname"].ToString();
            String password = Session["pass"].ToString();

            string lb_username = Label1.Text;
            string lb_pass = Label2.Text;

            if(isValidUser(username, password)) {
                Label1.Text += username;
                Label2.Text += password;
            } else {
                Label1.Text = "Wrong id or password";
                Label2.Text = "";
            }
        }

        private bool isValidUser(string username, String password)
        {
            if(username == "rishi" && password == "123")
            {
                return true;
            } else
            {
                return false;
            }
        }
    }
}
```

- **Output:**

Username:

Password:

UserName: rishi
Password: 123|

Practical – 2

Aim: Create a webpage using Radio button, checkboxlist & dropdownlist control

- **Code of WebForm1.aspx:**

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="Practical_3_v._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:Label ID="Label1" runat="server" Text="Choose your gender: "></asp:Label>
    <asp:RadioButtonList ID="RadioButtonList1" runat="server" RepeatDirection="Horizontal">
        <asp:ListItem>Male</asp:ListItem>
        <asp:ListItem>Female</asp:ListItem>
    </asp:RadioButtonList>
    <asp:Label ID="Label2" runat="server" Text="Choose your preferences: "></asp:Label>
    <asp:CheckBoxList ID="CheckBoxList1" runat="server" RepeatDirection="Horizontal">
        <asp:ListItem>PC</asp:ListItem>
        <asp:ListItem>Laptop</asp:ListItem>
        <asp:ListItem>Console</asp:ListItem>
    </asp:CheckBoxList>
    <asp:Label ID="Label3" runat="server" Text="Choose your favourite game:></asp:Label>
    <asp:DropDownList ID="DropDownList1" runat="server">
        <asp:ListItem>RDR2</asp:ListItem>
        <asp:ListItem>TLOU</asp:ListItem>
        <asp:ListItem>GTA</asp:ListItem>
        <asp:ListItem>GOW</asp:ListItem>
        <asp:ListItem>CODM</asp:ListItem>
        <asp:ListItem>Uncharted</asp:ListItem>
        <asp:ListItem>FarCry</asp:ListItem>
    </asp:DropDownList>
    <br />
    <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="submit" />
    <br />
    <br />
    <br />
    <asp:Label ID="Label4" runat="server" Text="Your gender is: "></asp:Label>
    <br />
    <asp:Label ID="Label5" runat="server" Text="Selected Preferences: "></asp:Label>
    <br />
    <asp:Label ID="Label6" runat="server" Text="Selected game: "></asp:Label>
</div>
</form>
```

```
</body>
</html>
```

- **Design:**

Choose your gender:

Male Female

Choose your preferences:

PC Laptop Console

Choose your favourite game:

Your gender is:
Selected Preferences:
Selected game:

- **Code of 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 Practical_3_v._2_
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            Label4.Text = "Your gender is: ";
            Label5.Text = "Selected Preferences: ";
            Label6.Text = "Selected game: ";
        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            string radio_btn_selected_value = RadioButtonList1.SelectedValue;
            Label4.Text += radio_btn_selected_value;

            String str = "";
            for(int i = 0; i < CheckBoxList1.Items.Count; i++)
            {
                if(CheckBoxList1.Items[i].Selected == true)
                {
                    str += CheckBoxList1.Items[i].Text + ", ";
                }
            }
        }
    }
}
```

```
    Label5.Text += str;  
    Label6.Text += DropDownList1.SelectedValue;  
}  
}  
}  
• Output:
```

Choose your gender:

Male Female

Choose your preferences:

PC Laptop Console

Choose your favourite game:

Your gender is: Male

Selected Preferences: PC, Console,

Selected game: RDR2

Choose your gender:

Male Female

Choose your preferences:

PC Laptop Console

Choose your favourite game:

Your gender is: Male

Selected Preferences: PC,

Selected game: GTA

Practical – 3

Aim: Create a webpage performing Image upload, Adrotator as well as a Date & Time display Calendar

- **WebForm1.aspx**

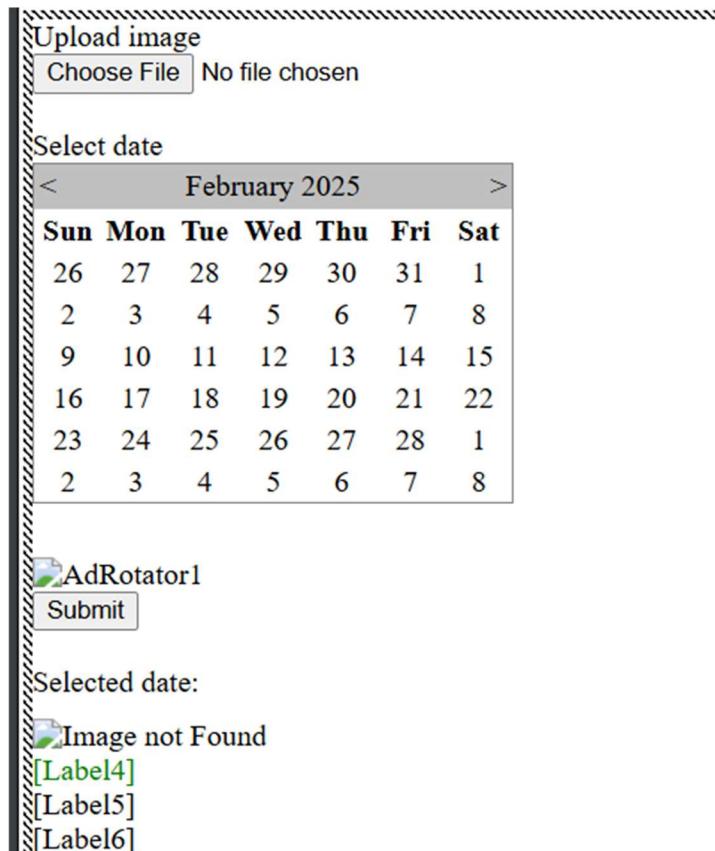
```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="practical_4.WebForm1" %>

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Upload Image</title>
    <style>
        #AdRotator1 img, #Image1 {
            margin-top: 10px;
            width: 300px;
            height: auto;
            object-fit: cover;
        }
    </style>
</head>
<body>
    <form id="form1" runat="server" enctype="multipart/form-data">
        <div>
            <asp:Label ID="Label1" runat="server" Text="Upload image"></asp:Label>
            <br />
            <asp:FileUpload ID="FileUpload1" runat="server" />
            <br /><br />
            <asp:Label ID="Label2" runat="server" Text="Select date"></asp:Label>
            <asp:Calendar ID="Calendar1" runat="server"></asp:Calendar>
            <br />
            <asp:AdRotator ID="AdRotator1" runat="server"
                AdvertisementFile="~/App_Data/Ads.xml" CssClass="size_image"/>
            <br />
            <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Submit" />
            <br /><br />
            <asp:Label ID="Label3" runat="server" Text="Selected date: "></asp:Label>
            <br />
            <asp:Image ID="Image1" runat="server" AlternateText="Image not Found" />
            <br />
            <asp:Label runat="server" ID="Label4" ForeColor="Green"></asp:Label>
            <br />
            <asp:Label runat="server" ID="Label5"></asp:Label>
            <br />
            <asp:Label runat="server" ID="Label6"></asp:Label>
```

```

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

- **Output of WebForm1.aspx**



- **Code of WebForm1.aspx.cs**

```

using System;
using System.IO;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace practical_4
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e) {

            string uploadPath = Server.MapPath("~/upload/");
            if (!Directory.Exists(uploadPath)) {
                Directory.CreateDirectory(uploadPath);
```

```
        }
    }
protected void Button1_Click(object sender, EventArgs e) {
    try {
        if (FileUpload1.HasFile) {
            string fileName = Path.GetFileName(FileUpload1.FileName);
            string uploadPath = Server.MapPath("~/upload/");
            string fullPath = Path.Combine(uploadPath, fileName);
            Label6.Text = fullPath;

            FileUpload1.SaveAs(fullPath);
            Label4.Text = "File uploaded successfully: " + fileName;
            Image1.ImageUrl = "~/upload/" + fileName;
        } else {
            Label4.Text = "Please select a file to upload.";
        }
    }
    catch (Exception ex) {
        Label4.Text = "Error: " + ex.Message;
    }
    Label5.Text = "You Selected: " +
        (Calendar1.SelectedDate == DateTime.MinValue ? "No date selected" :
        Calendar1.SelectedDate.ToString("D"));
    }
}
```

- **Code of Ads.xml**

```
<?xml version="1.0" encoding="utf-8" ?>
<Advertisements>
    <Ad>
        <ImageUrl>~/upload/1.jpg</ImageUrl>
        <NavigateUrl>http://www.babybouquets.com.au</NavigateUrl>
        <AlternateText>
            Order flowers, roses, gifts and more
        </AlternateText>
        <Impressions>20</Impressions>
        <Keyword>flowers</Keyword>
    </Ad>
    <Ad>
        <ImageUrl>~/upload/2.jpg</ImageUrl>
        <NavigateUrl>http://www.babybouquets.com.au</NavigateUrl>
        <AlternateText>Order roses and flowers</AlternateText>
        <Impressions>20</Impressions>
        <Keyword>gifts</Keyword>
    </Ad>
    <Ad>
        <ImageUrl>~/upload/3.jpg</ImageUrl>
```

```

<NavigateUrl>http://www.flowers2moscow.com</NavigateUrl>
<AlternateText>Send flowers to Russia</AlternateText>
<Impressions>20</Impressions>
<Keyword>russia</Keyword>
</Ad>
</Advertisements>

```

- **Output**

Upload image
 Choose File No file chosen

Select date

February 2025						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u>	<u>1</u>
<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>
<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>
<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>
<u>23</u>	<u>24</u>	<u>25</u>	<u>26</u>	<u>27</u>	<u>28</u>	<u>1</u>
<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>

Upload image
 Choose File No file chosen

Select date

≤	February 2025	≥				
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u>	<u>1</u>
<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>
<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>
<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>
<u>23</u>	<u>24</u>	<u>25</u>	<u>26</u>	<u>27</u>	<u>28</u>	<u>1</u>
<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>



Submit

Selected date:



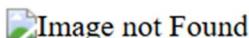
File uploaded successfully: 0_02.jpg

You Selected: Tuesday, February 11, 2025

D:\CSE\CSE_github\SEM 6\.NET\practicals\Visual Studio\practical_4\practical_4\upload\0_02.jpg

Submit

Selected date:



Practical – 4

Aim: Create a webpage using Listbox control.

- **Code of WebForm1.aspx**

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

<!DOCTYPE html>

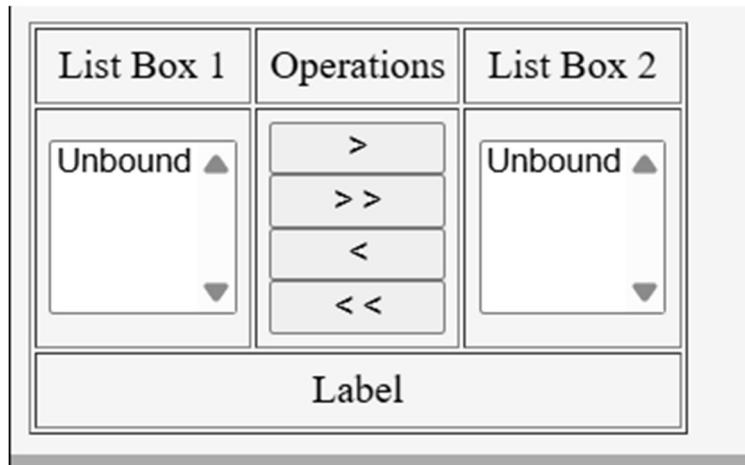
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <style>
        table {
            text-align : center
        }
        td {
            padding : 5px;
        }
        #operations {
            display : flex;
            flex-direction : column;
        }
    </style>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <table border="1">
                <tr>
                    <td>List Box 1</td>
                    <td>Operations</td>
                    <td>List Box 2</td>
                </tr>
                <tr>
                    <td>
                        <asp:ListBox runat="server" ID="listBox1"></asp:ListBox>
                    </td>
                    <td id="operations">
                        <asp:Button ID="Button1" runat="server" Text=">" OnClick="Button1_Click" />
                        <asp:Button ID="Button2" runat="server" Text=">>" OnClick="Button2_Click" />
                        <asp:Button ID="Button3" runat="server" Text="<" OnClick="Button3_Click" />
                        <asp:Button ID="Button4" runat="server" Text="<<" OnClick="Button4_Click" />
                    </td>
                </tr>
            </table>
        </div>
    </form>
</body>
```

```

<td>
    <asp:ListBox runat="server" ID="listBox2"></asp:ListBox>
</td>
</tr>
<tr>
    <td colspan="3">
        <asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>
    </td>
</tr>
</table>
</div>
</form>
</body>
</html>

```

- **Design**



- **Code of WebFrom1.aspx.cs**

```

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

namespace practical_array
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            string[] games = { "RDR", "GOW", "TLOU", "Uncharted", "GTA" };
            if (!IsPostBack)
            {
                for (int i = 0; i < games.Count(); i++)
                {
                    listBox1.Items.Add(games[i]);
                }
            }
        }
    }
}

```

```
        if (listBox1.Items.FindByText(games[i]) == null) {
            listBox1.Items.Add(games[i].ToString());
        }
    }
}

protected void Button1_Click(object sender, EventArgs e) {
    if (listBox1.SelectedIndex == -1) {
        Label1.Text = "Select any item";
    } else {
        listBox2.Items.Add(listBox1.SelectedValue);
        Label1.Text = listBox1.SelectedValue + " has been moved";
        listBox1.Items.Remove(listBox1.SelectedValue);
    }
}

protected void Button2_Click(object sender, EventArgs e) {
    for (int i = 0; i < listBox1.Items.Count; i++) {
        listBox2.Items.Add(listBox1.Items[i].ToString());
    }
    listBox1.Items.Clear();
    Label1.Text = "All items has been moved";
}

protected void Button3_Click(object sender, EventArgs e) {
    if (listBox2.SelectedIndex == -1) {
        Label1.Text = "Select any item";
    } else {
        listBox1.Items.Add(listBox2.SelectedValue);
        Label1.Text = listBox2.SelectedValue + " has been moved";
        listBox2.Items.Remove(listBox2.SelectedValue);
    }
}

protected void Button4_Click(object sender, EventArgs e) {
    for (int i = 0; i < listBox2.Items.Count; i++) {
        listBox1.Items.Add(listBox2.Items[i].ToString());
    }
    listBox2.Items.Clear();
    Label1.Text = "All items has been moved";
}
```

- **Output**

List Box 1	Operations	List Box 2
RDR GOW TLOU Uncharted	> >> < <<	↑ ↓

Label

List Box 1	Operations	List Box 2
GOW TLOU Uncharted	> >> < <<	RDR

RDR has been moved

List Box 1	Operations	List Box 2
↑ ↓	> >> < <<	RDR GOW TLOU Uncharted

All items has been moved

List Box 1	Operations	List Box 2
RDR GTA	> >> < <<	GOW TLOU Uncharted

GTA has been moved

List Box 1	Operations	List Box 2
RDR GTA GOW TLOU	> >> < <<	↑ ↓

All items has been moved

Practical – 5

Aim: Create a user control that contains a list of colors. Add a button to the Web Form which when clicked changes the color of the Form to the color selected from the list.

- **Code of WebForm1.aspx**

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="Practical_5.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:ListBox ID="ListBox1" runat="server"
OnSelectedIndexChanged="ListBox1_SelectedIndexChanged"
Height="110px">
                <asp:ListItem Text="Purple" Value="purple"></asp:ListItem>
                <asp:ListItem Text="Orange" Value="#ff3412"></asp:ListItem>
                <asp:ListItem Text="Blue" Value="blue"></asp:ListItem>
                <asp:ListItem Text="Green" Value="green"></asp:ListItem>
                <asp:ListItem Text="Dark Red" Value="darkred"></asp:ListItem>
                <asp:ListItem Text="Sky Blue" Value="skyblue"></asp:ListItem>
            </asp:ListBox>
            <br />
            <asp:Button runat="server" Text="Change Color"
OnClick="Change_color"></asp:Button>
        </div>
    </form>
</body>
</html>
```

- **Design**



- **Code of WebForm1.aspx.cs**

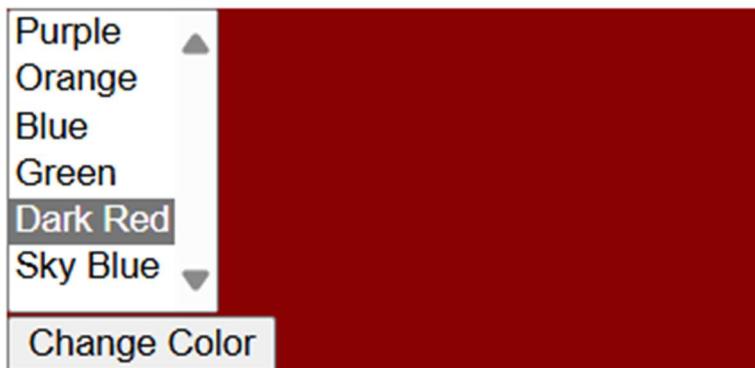
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace Practical_5
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e) { }

        protected void ListBox1_SelectedIndexChanged(object sender, EventArgs e) { }

        protected void Change_color(object sender, EventArgs e) {
            string color_name = ListBox1.SelectedValue as string;
            form1.Style["background-color"] = color_name;
        }
    }
}
```

- **Output**



Practical – 6

Aim: Create a website performing validation within a form

- **Code of WebForm1.aspx**

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="Practical_6.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:Label ID="lb_email_id" runat="server" Text="Enter Email Id:"></asp:Label>
            <asp:TextBox ID="inp_email_id" runat="server"></asp:TextBox>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"
                ErrorMessage="Email Id is required" ControlToValidate="inp_email_id" ForeColor="Red"
                Display="Dynamic"></asp:RequiredFieldValidator>
            <asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server"
                ErrorMessage="Invalid email format" ControlToValidate="inp_email_id"
                ValidationExpression="^([a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,})$" ForeColor="Red"
                Display="Dynamic"></asp:RegularExpressionValidator>
            <br />
            <asp:Label ID="lb_password" runat="server" Text="Enter Password"></asp:Label>
            <asp:TextBox ID="inp_password" runat="server"></asp:TextBox>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator2" runat="server"
                ErrorMessage="Password is Required" ControlToValidate="inp_password" ForeColor="Red"
                Display="Dynamic"></asp:RequiredFieldValidator>
            <br />
            <asp:Label ID="lb_con_pass" runat="server" Text="Confirm Password"></asp:Label>
            <asp:TextBox ID="inp_con_pass" runat="server"></asp:TextBox>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator3" runat="server"
                ErrorMessage="Password is Required" ControlToValidate="inp_con_pass" ForeColor="Red"
                Display="Dynamic"></asp:RequiredFieldValidator>
            <asp:CompareValidator ID="CompareValidator1" runat="server"
                ErrorMessage="Passwords are not same" ControlToCompare="inp_con_pass"
                ControlToValidate="inp_password" ForeColor="Red"
                Display="Dynamic"></asp:CompareValidator>
            <br />
            <asp:Label ID="lb_age" runat="server" Text="Enter Age"></asp:Label>
            <asp:TextBox ID="inp_age" runat="server"></asp:TextBox>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator4" runat="server"
                ErrorMessage="Age is Required" Display="Dynamic" ControlToValidate="inp_age"
                ForeColor="Red"></asp:RequiredFieldValidator>
```

```

<asp:RangeValidator ID="RangeValidator1" runat="server" ErrorMessage="Age should
be between 18 to 26" Display="Dynamic" ControlToValidate="inp_age" MaximumValue="26"
MinimumValue="18" ForeColor="Red"></asp:RangeValidator>
<br />
<asp:Label ID="lb_user_id" runat="server" Text="Enter User Id"></asp:Label>
<asp:TextBox ID="inp_user_id" runat="server"></asp:TextBox>
<asp:RequiredFieldValidator ID="RequiredFieldValidator5" runat="server"
ErrorMessage="User id is Required" ControlToValidate="inp_user_id" ForeColor="Red"
Display="Dynamic"></asp:RequiredFieldValidator>
<asp:CustomValidator ID="CustomValidator1" runat="server" ErrorMessage="Ensure
proper format (UID000000)" BorderStyle="None" ControlToValidate="inp_user_id"
OnServerValidate="CustomValidator1_ServerValidate" ForeColor="Red" Display="Dynamic">
</asp:CustomValidator>
<br />
<asp:Button ID="Button1" runat="server" Text="Submit" OnClick="Button1_Click" />
<br />
<asp:ValidationSummary ID="ValidationSummary1" runat="server" ForeColor="Red"
ShowSummary="true" DisplayMode="List" />
<br />
<asp:Label ID="lb_result" runat="server" Text=""></asp:Label>
</div>
</form>
</body>
</html>

```

- **Design**

Enter Email Id: Email Id is required Invalid email format

Enter Password Password is Required

Confirm Password Password is Required Passwords are not same

Enter Age Age is Required Age should be between 18 to 26

Enter User Id User id is Required Ensure proper format (UID000000)

Error message 1.
Error message 2.

[lb_result]

- **Code of 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 Practical_6 {
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e) {}
    }
}

```

- **Output**

Enter Email Id: Email Id is required

Enter Password 1

Confirm Password 123 Passwords are not same

Enter Age Age is Required

Enter User Id User id is Required

Email Id is required
Passwords are not same
Age is Required

Enter Email Id:

Enter Password

Confirm Password

Enter Age Age should be between 18 to 26

Enter User Id

Age should be between 18 to 26

Enter Email Id:

Enter Password

Confirm Password

Enter Age

Enter User Id Ensure proper format (UID000000)

Ensure proper format (UID000000)

Enter Email Id:

Enter Password

Confirm Password

Enter Age

Enter User Id

Email id: rishi@gmail.com Password is: 123 Age is: 20 User ID: UID123456

Practical – 7

Aim: Create a website using Multiview control.

- **Code of WebForm1.aspx**

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="Practical_7.WebForm1" %>

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Gaming Hub</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Label ID="lb_greet" runat="server" Text=""></asp:Label>
            <asp:MultiView ID="MultiView1" runat="server">
                <asp:View ID="View1" runat="server">
                    <asp:Label ID="lb_intro_head" runat="server" Text="Welcome to Gaming
Hub"></asp:Label>      <br />
                    <asp:Label ID="lb_intro_sec" runat="server" Text="Discover the world of gaming,
from FPS to RPGs!!!"></asp:Label>      <br />
                    <asp:Label ID="lb_username" runat="server" Text="Enter your
username"></asp:Label>
                    <asp:TextBox ID="inp_username" runat="server"></asp:TextBox>  <br />
                    <asp:Button ID="btn_next_01" runat="server" Text="Next"
OnClick="Button1_Click" />
                </asp:View>
                <asp:View ID="View2" runat="server">
                    <asp:Label ID="fav_game" runat="server" Text="Choose your favorite
game"></asp:Label>      <br />
                    <asp:RadioButtonList ID="RadioButtonList1" runat="server">
                        <asp:ListItem>RDR 2</asp:ListItem>
                        <asp:ListItem>GTA V</asp:ListItem>
                        <asp:ListItem>The Last of US</asp:ListItem>
                        <asp:ListItem>God Of War</asp:ListItem>
                        <asp:ListItem>Uncharted</asp:ListItem>
                    </asp:RadioButtonList>          <br />
                    <asp:Button ID="btn_pre_0" runat="server" Text="Back"
OnClick="btn_pre_0_Click" />
                    <asp:Button ID="btn_next_02" runat="server" Text="Next"
OnClick="btn_next_02_Click" />
                </asp:View>
                <asp:View ID="View3" runat="server">
```

```

<asp:Label ID="lb_pref_head" runat="server" Text="Gaming Preferences"></asp:Label> <br />
<asp:Label ID="lb_fav_game" runat="server" Text="Enter your all-time favorite game:"></asp:Label>
<asp:TextBox ID="inp_fav_game" runat="server"></asp:TextBox> br /><br />
<asp:Label ID="lb_device" runat="server" Text="Preferred Gaming Platform:"></asp:Label>
<asp:DropDownList ID="ddl_device" runat="server">
    <asp:ListItem>PC</asp:ListItem>
    <asp:ListItem>Console (PS/Xbox)</asp:ListItem>
    <asp:ListItem>Gaming Laptop</asp:ListItem>
</asp:DropDownList> <br /><br />
<asp:Label ID="lb_playstyle" runat="server" Text="Preferred Playstyle:"></asp:Label>
<asp:CheckBoxList ID="cbl_playstyle" runat="server">
    <asp:ListItem>Casual</asp:ListItem>
    <asp:ListItem>Competitive</asp:ListItem>
    <asp:ListItem>Story-driven</asp:ListItem>
    <asp:ListItem>Multiplayer</asp:ListItem>
</asp:CheckBoxList> <br /><br />
<asp:Button ID="btn_pre_3" runat="server" Text="Back" OnClick="btn_pre_3_Click" />
<asp:Button ID="btn_next_3" runat="server" Text="Next" OnClick="btn_next_3_Click" />
</asp:View>
<asp:View ID="View4" runat="server">
    <asp:Label ID="lb_summary" runat="server" Text="Your Gaming Summary:"></asp:Label> <br />
    <asp:Label ID="lb_final_game" runat="server" Text=""></asp:Label> <br />
    <asp:Label ID="lb_final_device" runat="server" Text=""></asp:Label> <br />
    <asp:Label ID="lb_final_style" runat="server" Text=""></asp:Label> br />
    <asp:Button ID="btn_pre_4" runat="server" Text="Back" OnClick="btn_pre_4_Click" />
    </asp:View>
</asp:MultiView>
</div>
</form>
</body>
</html>

```

- Design

MultiView1
View1

Welcome to Gaming Hub
Discover the world of gaming, from FPS to RPGs!!!
Enter your username:

View2

Choose your favorite game

RDR 2
 GTA V
 The Last of US
 God Of War
 Uncharted

View3

Gaming Preferences
Enter your all-time favorite game:

Preferred Gaming Platform:

Preferred Playstyle:

Casual
 Competitive
 Story-driven
 Multiplayer

View4

Your Gaming Summary:
[lb_final_game]
[lb_final_device]
[lb_final_style]

- **Code of WebForm1.aspx.cs**

```

using System;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace Practical_7
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e) {
            if (!IsPostBack) {
                MultiView1.ActiveViewIndex = 0;
            }
        }
    }
}
```

```
protected void Button1_Click(object sender, EventArgs e) {
    lb_greet.Text = "Welcome " + inp_username.Text.ToString() + "<br />";
    MultiView1.ActiveViewIndex = 1;
}

protected void btn_pre_0_Click(object sender, EventArgs e) {
    MultiView1.ActiveViewIndex = 0;
}

protected void btn_next_02_Click(object sender, EventArgs e) {
    MultiView1.ActiveViewIndex = 2;
}

protected void btn_pre_3_Click(object sender, EventArgs e) {
    MultiView1.ActiveViewIndex = 1;
}

protected void btn_next_3_Click(object sender, EventArgs e) {
    lb_final_game.Text = "🎮 Favorite Game: " + inp_fav_game.Text;
    lb_final_device.Text = "💻 Preferred Platform: " + ddl_device.SelectedItem.Text;

    string playstyle = "🎮 Playstyle: ";
    foreach (ListItem item in cbl_playstyle.Items) {
        if (item.Selected) {
            playstyle += item.Text + ", ";
        }
    }

    lb_final_style.Text = playstyle.TrimEnd(',', ' ');
}

MultiView1.ActiveViewIndex = 3;
}

protected void btn_pre_4_Click(object sender, EventArgs e) {
    MultiView1.ActiveViewIndex = 2;
}
}
```

- **Output**

Welcome to Gaming Hub
Discover the world of gaming, from FPS to RPGs!!!
Enter your username

Welcome RIAUHAS
Choose your favorite game
 RDR 2
 GTA V
 The Last of US
 God Of War
 Uncharted

Welcome RIAUHAS
Gaming Preferences
Enter your all-time favorite game:
Preferred Gaming Platform:
Preferred Playstyle:
 Casual
 Competitive
 Story-driven
 Multiplayer

Welcome RIAUHAS
Your Gaming Summary:
 Favorite Game: GTA V
 Preferred Platform: PC
 Playstyle: Competitive, Story-driven

Practical – 8

Aim: Create a website using session state & cookies handling

- **Code of WebForm1.aspx**

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="Practical_8.WebForm1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <style>
        #btn_login, #remeber_me {
            margin: 10px 0 0 138px;
        }
    </style>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Label ID="lb_username" runat="server" Text="Enter your username"></asp:Label>
            <asp:TextBox ID="inp_username" runat="server"></asp:TextBox> <br />
            <asp:Label ID="lb_password" runat="server" Text="Enter your Password"></asp:Label>
            <asp:TextBox ID="inp_password" runat="server"></asp:TextBox> <br />
            <asp:Button ID="btn_login" runat="server" Text="Log In" Width="170px"
                OnClick="btn_login_Click" /> <br />
            <asp:CheckBox ID="remember_me" runat="server" Text="Remember Me"
                OnCheckedChanged="remember_me_CheckedChanged" />
        </div>
    </form>
</body>
</html>
```

- **Design**

<p>Enter your username</p> <input style="width: 100%;" type="text"/>
<p>Enter your Password</p> <input style="width: 100%;" type="password"/>
<input style="width: 100%;" type="button" value="Log In"/>
<input type="checkbox"/> Remember Me

- **Code of 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 Practical_8
{
    public partial class WebForm1 : System.Web.UI.Page {
        protected void Page_Load(object sender, EventArgs e) {
            if (!IsPostBack) {
                if (Request.Cookies["save_user"] != null) {
                    inp_username.Text = Request.Cookies["save_user"].Value;
                    remember_me.Checked = true;
                }
            }
        }

        protected void remember_me_CheckedChanged(object sender, EventArgs e)
        {
            if (remember_me.Checked)
            {
                HttpCookie save_user = new HttpCookie("save_user");
                save_user.Value = inp_username.Text;
                save_user.Expires = DateTime.Now.AddMinutes(30);
                Response.Cookies.Add(save_user);
            } else {
                if (Request.Cookies["save_user"] != null)
                {
                    HttpCookie save_user = new HttpCookie("save_user");
                    save_user.Expires = DateTime.Now.AddDays(-1);
                    Response.Cookies.Add(save_user);
                }
            }
        }

        protected void btn_login_Click(object sender, EventArgs e) {
            Session["email_id"] = inp_username.Text.ToString();
            Response.Redirect("WebForm2.aspx");
        }
    }
}
```

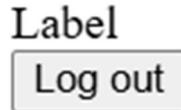
- **WebForm2.aspx**

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs"
Inherits="Practical_8.WebForm2" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>
            <br />
            <asp:Button ID="Button1" runat="server" Text="Log out" OnClick="Button1_Click" />
        </div>
    </form>
</body>
</html>
```

- **Design**



- **Code of WebForm2.aspx.cs**

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

namespace Practical_8 {
    public partial class WebForm2 : System.Web.UI.Page {
        protected void Page_Load(object sender, EventArgs e) {
            if (!IsPostBack) {
                if (Session["email_id"] == null) {
                    if (Request.Cookies["save_user"] != null) {
                        Session["email_id"] = Request.Cookies["save_user"].Value;
                    } else {
                        Response.Redirect("WebForm1.aspx");
                    }
                }
                Label1.Text = "Welcome " + Session["email_id"];
            }
        }
    }
}
```

```
        }
    protected void Button1_Click(object sender, EventArgs e) {
        Session.Abandon();
        if (Request.Cookies["save_user"] != null) {
            HttpCookie save_user = new HttpCookie("save_user");
            save_user.Expires = DateTime.Now.AddDays(-1);
            Response.Cookies.Add(save_user);
        }
        Response.Redirect("WebForm1.aspx");
    }
}
```

- **Output**

Enter your username

Enter your Password

Remember Me

Welcome RIAUHAS

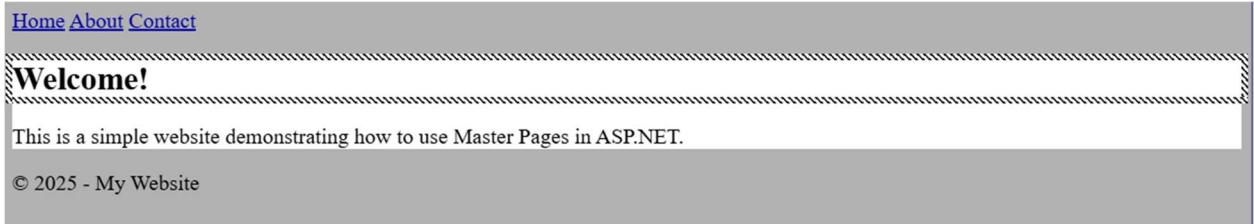
Practical – 9

Aim: Create a website showing implementation of master pages

- **Code of Default.aspx**

```
<%@ Page Title="Home Page" Language="C#" MasterPageFile="~/Site.Master"
AutoEventWireup="true" CodeBehind="Default.aspx.cs" Inherits="Practical_9_V2_.Default"
%>
<asp:Content ID="BodyContent" ContentPlaceHolderID="MainContent" runat="server">
    <h2>Welcome!</h2>
    <p>This is a simple website demonstrating how to use Master Pages in ASP.NET.</p>
    <asp:Button ID="btnAbout" runat="server" Text="Learn More" OnClick="btnAbout_Click" />
</asp:Content>
```

- **Design**



- **Code of Default.aspx.cs**

```
using System;
using System.Web.UI;
namespace Practical_9_V2_
{
    public partial class _Default : Page
    {
        protected void Page_Load(object sender, EventArgs e) { }
        protected void btnAbout_Click(object sender, EventArgs e)
        {
            Response.Redirect("About.aspx");
        }
    }
}
```

- **Code of About.aspx**

```
<%@ Page Title="About" Language="C#" MasterPageFile="~/Site.Master"
AutoEventWireup="true" CodeBehind="About.aspx.cs" Inherits="Practical_9_V2_.About" %>
<asp:Content ID="BodyContent" ContentPlaceHolderID="MainContent" runat="server">
    <main aria-labelledby="title">
        <h2 id="title"><%: Title %></h2>
        <h3>Your application description page.</h3>
        <p>Use this area to provide additional information.</p>
    </main>
</asp:Content>
```

- **Design**

[Home](#) [About](#) [Contact](#)

[Inline Expression].

Your application description page.

Use this area to provide additional information.

© 2025 - My Website

- **Code of About.aspx.cs**

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
namespace Practical_9_V2_
{
    public partial class About : Page {
        protected void Page_Load(object sender, EventArgs e) {
        }
    }
}
```

- **Code of Contact.aspx**

```
<%@ Page Title="Contact" Language="C#" MasterPageFile="~/Site.Master"
AutoEventWireup="true" CodeBehind="Contact.aspx.cs" Inherits="Practical_9_V2_.Contact"%>
<asp:Content ID="BodyContent" ContentPlaceHolderID="MainContent" runat="server">
<main aria-labelledby="title">
<h2 id="title"><%: Title %></h2>
<h3>Your contact page.</h3>
<address>
    Groove Street<br />
    Los Santos, LS 98645-56325<br />
    <abbr title="Phone">P:</abbr>
    +1 562-651-795
</address>
<address>
    <strong>Support:</strong> <a
    href="mailto:Support@example.com">Support@example.com</a><br />
    <strong>Marketing:</strong> <a
    href="mailto:Marketing@example.com">Marketing@example.com</a>
</address>
</main>
</asp:Content>
```

- **Design**

[Home](#) [About](#) [Contact](#)

[Inline Expression].

Your contact page.

*Groove Street
Los Santos, LS 98645-56325
P.: +1 562-651-795
Support: Support@example.com
Marketing: Marketing@example.com*

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- **Code of Contact.aspx.cs**

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
namespace Practical_9_V2_
{
    public partial class Contact : Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
        }
    }
}
```

- **Output**

[Home](#) [About](#) [Contact](#)

[Home](#) [About](#) [Contact](#)

Welcome!

This is a simple website demonstrating how to use Master Pages in ASP.NET.

[Learn More](#)

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[Home](#) [About](#) [Contact](#)

Contact.

Your contact page.

*Groove Street
Los Santos, LS 98645-56325
P.: +1 562-651-795
Support: Support@example.com
Marketing: Marketing@example.com*

© 2025 - My Website

About.

Your application description page.

Use this area to provide additional information.

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Practical – 10

Aim: Create a website showing the implementation of dropdownlist different properties usage

- **Code of WebForm1.aspx**

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="practical_10.WebForm1" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <h2>DropDownList Properties Example</h2>
        <asp:DropDownList ID="ddlFruits" runat="server" AutoPostBack="true"
OnSelectedIndexChanged="ddlFruits_SelectedIndexChanged">
            <asp:ListItem Text="Select a Fruit" Value="" />
            <asp:ListItem Text="Apple" Value="Apple" />
            <asp:ListItem Text="Banana" Value="Banana" />
            <asp:ListItem Text="Cherry" Value="Cherry" />
        </asp:DropDownList>      <br /><br />
        <asp:Label ID="lblSelectedFruit" runat="server" Text="Your selection will appear
here."></asp:Label>      <br /><br />
        <asp:DropDownList ID="ddlCities" runat="server" AutoPostBack="true"
OnSelectedIndexChanged="ddlCities_SelectedIndexChanged"></asp:DropDownList>
        <br /><br />
        <asp:Button ID="btnDisable" runat="server" Text="Disable Dropdown"
OnClick="btnDisable_Click" />
        <asp:Button ID="btnEnable" runat="server" Text="Enable Dropdown"
OnClick="btnEnable_Click" />
    </form>
</body>
</html>
```

- **Design**

DropDownList Properties Example

Select a Fruit ▾

Your selection will appear here.

Unbound ▾

Disable Dropdown

Enable Dropdown

- **Code of WebForm1.aspx.cs**

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

namespace practical_10
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            if (!IsPostBack)
            {
                List<string> cities = new List<string> { "New York", "London", "Tokyo", "Mumbai" };
                ddlCities.DataSource = cities;
                ddlCities.DataBind();
                ddlCities.Items.Insert(0, new ListItem("Select a City", ""));
            }
        }

        protected void ddlFruits_SelectedIndexChanged(object sender, EventArgs e)
        {
            lblSelectedFruit.Text = "You selected: " + ddlFruits.SelectedItem.Text;
        }

        protected void btnDisable_Click(object sender, EventArgs e)
        {
            ddlFruits.Enabled = false;
        }

        protected void btnEnable_Click(object sender, EventArgs e)
        {
            ddlFruits.Enabled = true;
        }

        protected void ddlCities_SelectedIndexChanged(object sender, EventArgs e)
        {
            if (!ddlFruits.Enabled)
            {
                lblSelectedFruit.Text = "You selected: " + ddlCities.SelectedItem.Text;
            }
        }
    }
}
```

- Output

DropDownList Properties Example



You selected: Apple



DropDownList Properties Example



You selected: New York



DropDownList Properties Example



You selected: Cherry



Practical – 11

Aim: Create a website showing the implementation of dropdownlist different properties usage

- **Code of WebForm1.aspx**

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="practical_11.WebForm1" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <style>
        .menu-container {
            background-color: #f8f8f8;
            padding: 10px;
            border: 1px solid #ccc;
            width: 300px;
        }
        .menu-container ul {
            list-style: none;
            padding: 0;
        }
        .menu-container li {
            display: inline;
            margin-right: 15px;
        }
        .menu-container a {
            text-decoration: none;
            font-weight: bold;
            color: black;
        }
        .menu-container a:hover {
            color: blue;
        }
    </style>
</head>
<body>
    <form id="form1" runat="server">
        <asp:Menu ID="Menu1" runat="server" Orientation="Horizontal"
            StaticDisplayLevels="2">
            <Items>
                <asp:MenuItem Text="Home" NavigateUrl "~/Home.aspx" ></asp:MenuItem>
                <asp:MenuItem Text="About" NavigateUrl "~/About.aspx" ></asp:MenuItem>
                <asp:MenuItem Text="Services" >
```

```

<asp:MenuItem Text="Web Development"
NavigateUrl("~/WebDev.aspx")></asp:MenuItem>
    <asp:MenuItem Text="App Development"
NavigateUrl "~/AppDev.aspx"></asp:MenuItem>
    </asp:MenuItem>
    <asp:MenuItem Text="Contact" NavigateUrl "~/Contact.aspx"></asp:MenuItem>
</Items>
</asp:Menu>      <br /><br />
<asp:Label ID="lblMessage" runat="server" Text="Select a menu item to
navigate."></asp:Label>
</form>
</body>
</html>
```

- **Design**

[Home](#) [About](#) [Services](#) [Web Development](#) [App Development](#) [Contact](#)

Select a menu item to navigate.

- **Code of WebForm1.aspx.cs**

```
using System;
using System.Web.UI;
```

```
namespace practical_11
{
    public partial class WebForm1 : Page
    {
        protected void Page_Load(object sender, EventArgs e) {
            lblMessage.Text = "Here is the MenuStrip!";
        }
    }
}
```

- **Output**

[Home](#) [About](#) [Services](#) [Web Development](#) [App Development](#) [Contact](#)

Here is the MenuStrip!