

IT WEEK-5

Question 1:

WebForm1.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="QUES1.WebForm1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <script type="text/javascript">
        function ContactValidation(objSource, objArgs) {
            var number = objArgs.Value;
            if (number.Length == 10)
                objArgs.IsValid = true;
            else
                objArgs.IsValid = false;
        }
    </script>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            Choose a candidate:<br />
            <asp:DropDownList ID="DropDownList1" runat="server"></asp:DropDownList><br />
            Choose a House:<br />
            <asp:RadioButtonList ID="RadioButtonList1"
runat="server"></asp:RadioButtonList><br />
            Enter class(6th-12th)<br />
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br />
            Enter EMAIL ID:<br />
            <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox><br />
            Enter Parent contact number:<br />
            <asp:TextBox ID="TextBox3" runat="server"></asp:TextBox><br /><br /><br />
            <asp:Label ID="Label1" runat="server" Text=""></asp:Label><br />
            <asp:Button ID="Button1" runat="server" Text="Submit"
OnClick="Button1_Click" /><br /><br />
            <asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"
ErrorMessage="Please choose a candidate" ControlToValidate="DropDownList1"
ForeColor="Red" Font-Bold="true" Display="None"></asp:RequiredFieldValidator>
            <asp:RangeValidator ID="RangeValidator1" runat="server"
ErrorMessage="Enter class between 6 and 12" ControlToValidate="TextBox1"
ForeColor="Red" Font-Bold="true" MaximumValue='12' MinimumValue='6' Type='Integer'
Display="None"></asp:RangeValidator>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator2" runat="server"
ErrorMessage="Please choose a house" ControlToValidate="RadioButtonList1" Font-
Bold="true" ForeColor="Red" Display="None"></asp:RequiredFieldValidator>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator4" runat="server"
ErrorMessage="Please enter a class between 6-12" ControlToValidate="TextBox1"
Display="None" ForeColor="Red" Font-Bold="true" ></asp:RequiredFieldValidator>
            <asp:RegularExpressionValidator ID="RegularExpressionValidator1"
runat="server" ErrorMessage="Invalid Email ID" ControlToValidate="TextBox2"
ForeColor="Red" Font-Bold="true" ValidationExpression="\S+@\S+\.\S+"
Display="None"></asp:RegularExpressionValidator>
```

```

        <asp:RequiredFieldValidator ID="RequiredFieldValidator3" runat="server"
ErrorMessage="Enter Email ID" ControlToValidate="TextBox2" ForeColor="Red" Font-
Bold="true" Display="None"></asp:RequiredFieldValidator>
        <asp:CustomValidator ID="CustomValidator1" runat="server"
ErrorMessage="Incorrect contact number, try number with 10 digits"
ControlToValidate="TextBox3" ForeColor="Red" Font-Bold="true"
OnServerValidate="CustomValidator1_ServerValidate" Display="None"
ValidateEmptyText="true"
ClientValidationFunction="ContactValidate"></asp:CustomValidator>
        <asp:ValidationSummary ID="ValidationSummary1" runat="server"
ForeColor="Red" Font-Bold="true" HeaderText="This form contains the following errors:"
ShowSummary="true" />

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

```

WebForm1.aspx.cs

```

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

namespace QUES1
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            if (!this.IsPostBack)
            {
                DropDownList1.Items.Add("");
                DropDownList1.Items.Add("Aneeta");
                DropDownList1.Items.Add("Arushka");
                DropDownList1.Items.Add("Ahana");
                DropDownList1.Items.Add("Riya");
                DropDownList1.Items.Add("Sona");
                DropDownList1.Items.Add("Mitul");
                RadioButtonList1.Items.Add("Gryffindor");
                RadioButtonList1.Items.Add("Sytherin");
                RadioButtonList1.Items.Add("Ravenclaw");
                RadioButtonList1.Items.Add("Hufflepuff");
            }
        }

        protected void CustomValidator1_ServerValidate(object source,
ServerValidateEventArgs e)
        {
            try
            {
                decimal value = decimal.Parse(e.Value.ToString());
                string val = e.Value.ToString();
                if (val.Length == 10)
                {
                    e.IsValid = true;
                }
            }
            catch { }
        }
    }
}

```

```

        }
        else
            e.IsValid = false;
    }
    catch
    {
        e.IsValid = false;
    }
}

protected void Button1_Click(object sender, EventArgs e)
{
    if (Page.IsValid)
    {
        Label1.Text = "Successfully Submitted";
    }
}
}
}

```

Input-Output

Choose a candidate:

Choose a House:

- ☐ Gryffindor
☐ Sytherin
☐ Ravenclaw
☐ Hufflepuff

Enter class(6th-12th)

Enter EMAIL ID:

Enter Parent contact number:

Submit

This form contains the following errors:

- Please choose a candidate
- Please choose a house
- Please enter a class between 6-12
- Enter Email ID
- Incorrect contact number, try number with 10 digits

Choose a candidate:

Aneeta ▾

Choose a House:

- ☒ Gryffindor
☐ Sytherin
☐ Ravenclaw
☐ Hufflepuff

Enter class(6th-12th)

15

Enter EMAIL ID:

qnh

Enter Parent contact number:

9820063125

Submit

Choose a candidate:

Aneeta ▾

Choose a House:

- ☒ Gryffindor
☐ Sytherin
☐ Ravenclaw
☐ Hufflepuff

Enter class(6th-12th)

6

Enter EMAIL ID:

abcd@yahoo.com

Enter Parent contact number:

9820063125

Submit

This form contains the following errors:

- Enter class between 6 and 12
- Invalid Email ID

Successfully Submitted

Question 2:

Site1.Master

```
<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="Site1.master.cs"
Inherits="QUES2.Site1" %>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head runat="server">
```

```
  <title></title>
```

```
  <asp:ContentPlaceHolder ID="head" runat="server">
```

```
  </asp:ContentPlaceHolder>
```

```
</head>
```

```
<body style="background-image:url(Images/background.jpeg);">
```

```
  <header>
```

```
    <asp:Image ID="Image1" runat="server" ImageUrl="Images/myntalogo.png"
Height="30%" Width="30%"/>
```

```

        <asp:Label ID="Label1" runat="server" Text="MYNTRA.COM" style="text-align:center;font-weight:bold;margin-left:150px;"></asp:Label><br /><br /><br />
        <asp:HyperLink ID="HyperLink1" runat="server" NavigateUrl="~/Electronics.aspx" style="font-weight:bold;margin-left:400px;">Electronics</asp:HyperLink><br />
        <asp:HyperLink ID="HyperLink2" runat="server" NavigateUrl="~/Baggages.aspx" style="font-weight:bold;margin-left:400px;">Baggages</asp:HyperLink><br />
        <asp:HyperLink ID="HyperLink3" runat="server" NavigateUrl="~/Offers.aspx" style="font-weight:bold;margin-left:400px;">Offers</asp:HyperLink><br /><br />
    </header>
    <form id="form1" runat="server">
        <div>
            <asp:ContentPlaceHolder ID="ContentPlaceHolder1" runat="server">
                </asp:ContentPlaceHolder>
            </div>
        </form>
    </footer>
    <asp:Label ID="Label2" runat="server" Text="Contact:444-999" style="font-weight:bold;margin-left:385px;"></asp:Label>

</footer>
</body>
</html>

```

Site1.Master.cs

```

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

namespace QUES2
{
    public partial class Site1 : System.Web.UI.MasterPage
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }
    }
}

```

Electronics.aspx

```

<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="Electronics.aspx.cs" Inherits="QUES2.Electronics" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <asp:Panel ID="Panel1" runat="server" style="margin-left:380px;height:50%;width:50%;">
        Choose a category:<br />
        <asp:DropDownList ID="DropDownList1" runat="server" AutoPostBack="true"
OnSelectedIndexChanged="DropDownList1_SelectedIndexChanged"></asp:DropDownList><br />
    <asp:Label ID="Label2" runat="server" Text=""></asp:Label><br />
    <asp:DropDownList ID="DropDownList2" runat="server" AutoPostBack="true"
OnSelectedIndexChanged="DropDownList2_SelectedIndexChanged"></asp:DropDownList><br />
    <asp:Label ID="Label1" runat="server" Text=""></asp:Label>

```

```
</asp:Panel>
</asp:Content>
```

Electronics.aspx.cs

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

namespace QUES2
{
    public partial class Electronics : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            if (!this.IsPostBack)
            {
                DropDownList1.Items.Add("");
                DropDownList1.Items.Add("Mobiles");
                DropDownList1.Items.Add("Laptops");
                DropDownList1.Items.Add("Printers");
            }
        }

        protected void DropDownList1_SelectedIndexChanged(object sender, EventArgs e)
        {
            if (DropDownList1.SelectedItem.Text == "Mobiles")
            {
                DropDownList2.Items.Clear();
                DropDownList2.Items.Add("");
                DropDownList2.Items.Add("Motorola");
                DropDownList2.Items.Add("OnePlus");
                DropDownList2.Items.Add("Nokia");
                DropDownList2.Items.Add("Samsung");
            }
            else if (DropDownList1.SelectedItem.Text == "Laptops")
            {
                DropDownList2.Items.Clear();
                DropDownList2.Items.Add("");
                DropDownList2.Items.Add("Dell");
                DropDownList2.Items.Add("HP");
                DropDownList2.Items.Add("Mac");
                DropDownList2.Items.Add("Asus");
            }
            else if (DropDownList1.SelectedItem.Text == "Printers")
            {
                DropDownList2.Items.Clear();
                DropDownList2.Items.Add("");
                DropDownList2.Items.Add("Epson");
                DropDownList2.Items.Add("HP");
                DropDownList2.Items.Add("Canon");
            }
            else
            {
                Label1.Text = "";
            }
            Label2.Text = "Select a vendor";
        }
    }
}
```

```

        protected void DropDownList2_SelectedIndexChanged(object sender, EventArgs e)
        {

            Label1.Text = "You chose category:" + DropDownList1.SelectedItem.Text + "
and vendor name is:" + DropDownList2.SelectedItem.Text;

        }
    }
}

```

Offers.aspx

```

<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="Offers.aspx.cs" Inherits="QUES2.Offers" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <asp:Image ID="Image1" runat="server" ImageUrl="Images/offer1.png" style="margin-
left:80px;" /><br />

    <asp:Image ID="Image2" runat="server" ImageUrl="Images/offer2.png" style="margin-
left:380px;" /><br />
</asp:Content>

```

Offers.aspx.cs

```

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

namespace QUES2
{
    public partial class Offers : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }
    }
}

```

Baggages.aspx

```

<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="Baggages.aspx.cs" Inherits="QUES2.Baggages" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <asp:Panel ID="Panel1" runat="server" >
        <asp:Label ID="Label1" runat="server" Text="Laptop Bag:<hr>Price:Rs. 700"
style="font-weight:bold;"></asp:Label><br />
        <asp:Image ID="Image1" runat="server" ImageUrl="Images/laptopBag.png"/><br /><br />
    </asp:Panel>
</asp:Content>

```

```

        <asp:Label ID="Label2" runat="server" Text="Trolley Bag:<hr>Price:Rs. 3500"
style="font-weight:bold;"></asp:Label><br />
        <asp:Image ID="Image2" runat="server" ImageUrl="Images/trolley.png"/><br /><br />
        <asp:Label ID="Label3" runat="server" Text="Shoulder Bag:<hr>Price:Rs. 1200"
style="font-weight:bold;"></asp:Label><br />
        <asp:Image ID="Image3" runat="server" ImageUrl="Images/backpack.png"/><br /><br />

    </asp:Panel>
</asp:Content>

```

Baggages.aspx.cs

```

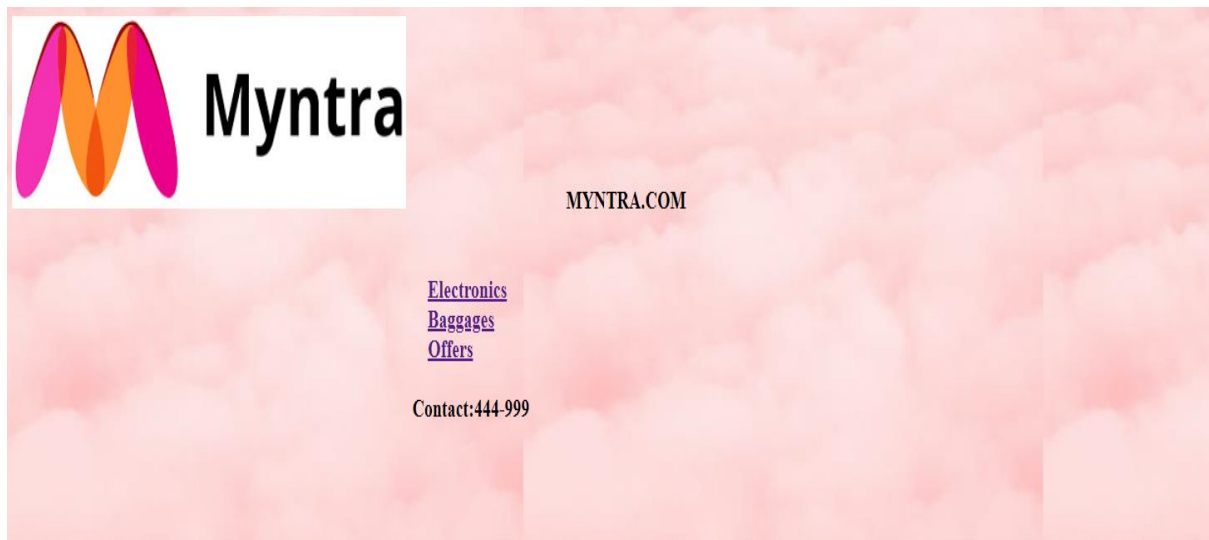
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace QUES2
{
    public partial class Baggages : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }
    }
}

```

Input-Output





Myntra

MYNTRA.COM

[Electronics](#)

[Baggages](#)

[Offers](#)

Choose a category:

Laptops ▾

Select a vendor

Mac ▾

You chose category:Laptops and vendor name is:Mac

Contact:444-999



Myntra

MYNTRA.COM

[Electronics](#)

[Baggages](#)

[Offers](#)

Laptop Bag:

Price:Rs. 700



Trolley Bag:

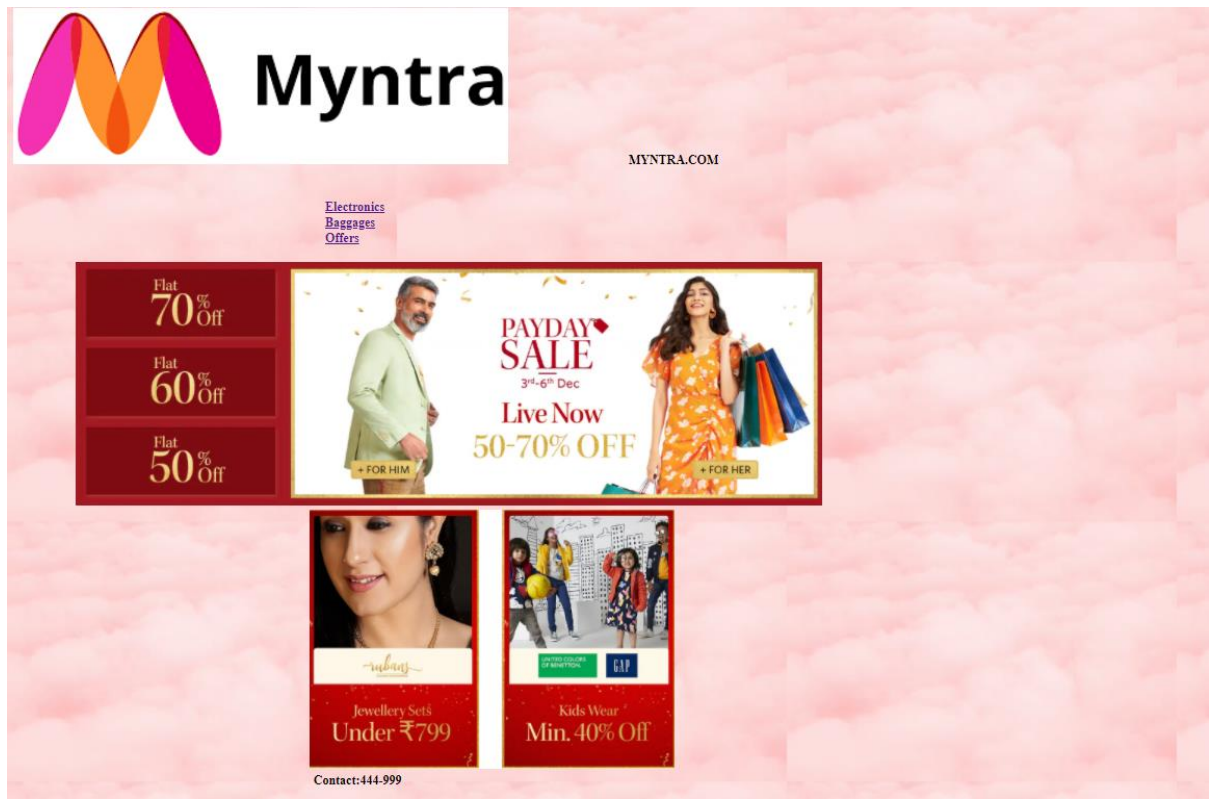
Price:Rs. 3500



Shoulder Bag:

Price:Rs. 1200





Question 3:

Default.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="default.aspx.cs"
Inherits="QUES3._default" %>

<!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"></asp:Image><br /><br />
            <asp:Label ID="Label1" runat="server" Text="Select a
theme:"></asp:Label><br /><br />
            <asp:DropDownList ID="DropDownList1" runat="server" AutoPostBack="true"
OnSelectedIndexChanged="DropDownList1_SelectedIndexChanged"></asp:DropDownList><br
/><br />
            <asp:TextBox ID="TextBox1" runat="server" Text="Hello World"
ReadOnly="true"></asp:TextBox><br />
        </div>
    </form>
</body>
</html>
```

Default.aspx.cs

```

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

namespace QUES3
{
    public partial class _default : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            if (!this.IsPostBack)
            {
                DropDownList1.Items.Add("");
                DropDownList1.Items.Add("Summer");
                DropDownList1.Items.Add("Monsoon");
                if (Session["Theme"] != null)
                {
                    DropDownList1.Items.FindByText(Session["Theme"].ToString()).Selected = true;
                }
            }
            protected void Page_PreInit(object sender, EventArgs e)
            {
                if (Session["Theme"] != null)
                {
                    Page.Theme = Session["Theme"].ToString();
                }
            }
            protected void DropDownList1_SelectedIndexChanged(object sender, EventArgs e)
            {
                Session["Theme"] = DropDownList1.SelectedValue;
                Response.Redirect(Request.FilePath);
            }
        }
    }
}

```

Summer.skin

```

<asp:Image runat="server" ImageUrl="~/summer.jpg" style="width:50%; height:50%" />
<asp:Label runat="server" ForeColor="Red" BackColor="Orange" style="font-
weight:bold;"/>
<asp:DropDownList runat="server" ForeColor="Red" BackColor="Orange" style="font-
weight:bold;"/>
<asp:TextBox runat="server" ForeColor="Red" BackColor="Orange" style="font-
weight:bold;" />

```

Monsoon.skin

```

<asp:Image runat="server" ImageUrl="~/monsoon.jpg" style="width:50%; height:50%" />
<asp:Label runat="server" ForeColor="Yellow" BackColor="Green" style="font-
weight:bold;"/>
<asp:DropDownList runat="server" ForeColor="Yellow" BackColor="Green" style="font-
weight:bold;"/>
<asp:TextBox runat="server" ForeColor="Yellow" BackColor="Green" style="font-
weight:bold;" />

```

Input-Output

Select a theme:

Hello World



Select a theme:

Summer ▾

Hello World



Select a theme:

Monsoon ▾

Hello World

Question 3:

Site1.Master

```
<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="Site1.master.cs" Inherits="QUES4.Site1" %>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head runat="server">
```

```
    <title></title>
```

```
    <link href= "~/StyleSheet1.css" rel ="stylesheet" type="text/css" />
```

```
    <asp:ContentPlaceHolder ID="head" runat="server">
```

```
    </asp:ContentPlaceHolder>
```

```
</head>
```

```
<body>
```

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

```

        <div>
            <div ID="Header" style="margin-left:370px;font-family:'Times New
Roman';font-weight:bold;"> Mobile Shopping Site</div>

            <div ID="Left-Panel" style="margin-left:1px;background-color:darkorange;font-
weight:bold;width=40%;">

                <asp:ContentPlaceHolder ID="mobileLabel"
runat="server"></asp:ContentPlaceHolder>

            </div>
            <div id="Footer">
                <pre>
                    Contact:444-999
                    Email:oneplusnord@mobile123.in
                </pre>
            </div>
        </div>
    </form>
</body>
</html>

```

Site1.Master.cs

```

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

namespace QUES4
{
    public partial class Site1 : System.Web.UI.MasterPage
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }
    }
}

```

Default.aspx

```

<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="default.aspx.cs" Inherits="QUES4._default" Theme="DefaultTheme" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="mobileLabel" runat="server">

    Select a mobile:<br />
    <asp:DropDownList ID="DropDownList1" runat="server" AutoPostBack="true"
OnSelectedIndexChanged="DropDownList1_SelectedIndexChanged"
    ></asp:DropDownList><br /><br />
    <asp:Label ID="Label1" runat="server" Text=""></asp:Label><br />
    <asp:Button ID="Button1" runat="server" Text="Confirm" OnClick="Button1_Click"/>

</asp:Content>

```

Default.aspx.cs

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

namespace QUES4
{
    public partial class _default : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            if (!this.IsPostBack)
            {
                DropDownList1.Items.Add("");
                DropDownList1.Items.Add("OnePlus Nord");
                DropDownList1.Items.Add("Iphone 12");
            }
        }

        protected void DropDownList1_SelectedIndexChanged(object sender, EventArgs e)
        {
            Label1.Text = "You've selected " + DropDownList1.SelectedItem.Text;
        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            if (DropDownList1.SelectedIndex == 0)
            {
                Label1.Text = "You must select a phone";
            }
            else
            {
                string phone = DropDownList1.SelectedItem.Text;
                Session["Mobile"] = phone;
                Response.Redirect("Page2.aspx");
            }
        }
    }
}
```

Page2.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="Page2.aspx.cs" Inherits="QUES4.Page2" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="mobileLabel" runat="server">
    <asp:Image ID="Image" runat="server" /><br /><br />
    <asp:Label ID="Screen" runat="server" Text=""></asp:Label><br />
    <asp:Label ID="Memory" runat="server" Text=""></asp:Label><br />
    <asp:Label ID="Camera" runat="server" Text=""></asp:Label><br />
    <asp:Label ID="Battery" runat="server" Text=""></asp:Label><br />
    <asp:Button ID="Button1" runat="server" Text="BACK" OnClick="Button1_Click" />
</asp:Content>
```

Page2.aspx.cs


```

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

namespace QUES4
{
    public partial class Page2: System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            if (Session["Mobile"].ToString() == "OnePlus Nord")
            {
                Screen.Text = "SCREEN:6.44-inch (1080x2400)<hr>";
                Memory.Text = "MEMORY:RAM-12GB<hr>";
                Camera.Text = "CAMERA:Rear Camera-48MP + 8MP + 5MP + 2MP Front Camera-32MP + 8MP<hr>";
                Battery.Text = "BATTERY:4115mAh<hr>";
                Image.ImageUrl = "Images/Oneplus.png";
            }
            else if (Session["Mobile"].ToString() == "Iphone 12")
            {
                Screen.Text = "SCREEN:6.1 1170x2532 pixels<hr>";
                Memory.Text = "MEMORY:4GB RAM<hr>";
                Camera.Text = "CAMERA:12MP<hr>";
                Battery.Text = "BATTERY:2815mAh<hr>";
                Image.ImageUrl = "Images/Iphone.png";
            }
            else
            {
                Screen.Text = "BL0000P";
                Memory.Text = "";
                Camera.Text = "";
                Battery.Text = "";
            }
        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            Response.Redirect("default.aspx");
        }
    }
}

```

Input-Output

Mobile Shopping Site

Select a mobile:

Confirm

Contact:444-999
Email:oneplusnord@mobile123.in

Mobile Shopping Site

Select a mobile:

You've selected Iphone 12

Confirm

Contact:444-999
Email:oneplusnord@mobile123.in

Mobile Shopping Site



SCREEN:6.1 1170x2532 pixels

MEMORY:4GB RAM

CAMERA:12MP

BATTERY:2815mAh

BACK

Contact:444-999
Email:oneplusnord@mobile123.in