

Internet Technology Lab

Week 5

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Question 1

ElectionForm.aspx

[illegible]

```

        <asp:RangeValidator ID="classRangeValidator" runat="server"
ControlToValidate="classText" ErrorMessage="Enter class from 6 to 9" MaximumValue="9"
MinimumValue="6"></asp:RangeValidator>
        <br />
        <br />
        <asp:TextBox ID="emailText" runat="server" Width="205px">Enter
Email</asp:TextBox>
        &nbsp;<asp:RequiredFieldValidator ID="RequiredFieldValidator3" runat="server"
ControlToValidate="emailText" ErrorMessage="Please enter an email
ID"></asp:RequiredFieldValidator>
        &nbsp;<br />
        &nbsp;&nbsp;&nbsp;<asp:RegularExpressionValidator ID="emailRegExValidator" runat="server"
ControlToValidate="emailText" ErrorMessage="Enter a valid email ID"
ValidationExpression="\w+([-+.']\w+)*@\w+([-+.']\w+)*\.\w+([-+
.]\w+)*"></asp:RegularExpressionValidator>
        <br />
        <br />
        <asp:TextBox ID="phoneText" runat="server" Width="206px">Enter Parent
Phone Number</asp:TextBox>
        &nbsp;&nbsp;&nbsp;<asp:CustomValidator ID="phoneCustomValidator" runat="server"
ControlToValidate="phoneText" ErrorMessage="Enter a valid phone number"
OnServerValidate="phone_Custom_Server_Validator"></asp:CustomValidator>
        <br />
        <br />
        <br />
        <asp:Button ID="Button1" runat="server" style="margin-left: 38px"
Text="Submit" Width="121px" />
        <br />
        <br />
        <asp:ValidationSummary ID="ValidationSummary1" runat="server" />
    </div>
</form>
</body>
</html>

```

ElectionForm.aspx.cs

```

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

namespace IT_LAB_WEEK5_Q1
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            if(!IsPostBack)
            {
                candidateList.Items.Add("Donald Trump");
                candidateList.Items.Add("Narendra Modi");
                candidateList.Items.Add("Joseph R Biden");

                houseList.Items.Add("Gryffindor");
                houseList.Items.Add("Slytherin");
                houseList.Items.Add("Ravenclaw");
            }
        }
    }
}

```

```

    }
}

protected void phone_Custom_Server_Validator(object sender,
ServerValidateEventArgs args)
{
    try
    {
        long phoneNumber;
        long.TryParse(args.Value, out phoneNumber);

        int count = 0;

        while(phoneNumber > 0)
        {
            count += 1;
            phoneNumber /= 10;
        }

        args.IsValid = (count == 10);

    } catch(Exception ex)
    {
        args.IsValid = false;
    }
}
}
}

```

Output

Choose a Candidate

Donald Trump ▼

Student Details

- ☐ Gryffindor
☐ Slytherin
☐ Ravenclaw

Please select a house

Enter class

Enter Email

Enter a valid email ID

Enter Parent Phone Number

Submit

- Please select a house
- Enter class from 6 to 9
- Enter a valid email ID

Choose a Candidate

Donald Trump ▼

Student Details

- ☒ Gryffindor
☐ Slytherin
☐ Ravenclaw

7

haha@gmail.com

5789

Enter a valid phone number

Submit

- Enter a valid phone number

Question 2

SiteMaster.aspx

```
<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="HomePage.master.cs"
Inherits="ECommerce.HomePage" %>
<html>
    <head runat="server">
        <title>Amazon</title>

    </head>
    <body style="padding:0; margin: 0">
        <nav>
            <ul>
                <li class="Company">Pluto's Galaxy</li>
                <li>About Us</li>
                <li>Contact Us</li>
            </ul>
        </nav>
        <h1>Explore Pluto's Galaxy</h1>
        <nav>
            <ul>
                <li class="Company">Exciting Categories for you</li>
                <li><a href="/Electronics.aspx">Electronics.aspx</a></li>
                <li><a href="/Baggage.aspx">Baggages</a></li>
                <li><a href="/Offers.aspx">Offers</a></li>
            </ul>
        </nav>
        <asp:ContentPlaceHolder ID="Electronics" runat="server" />
        <asp:ContentPlaceHolder ID="Baggage" runat="server" />
        <asp:ContentPlaceHolder ID="Offers" runat="server" />
    </body>
</html>
```

Baggage.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/HomePage.master"
AutoEventWireup="true" CodeBehind="Baggage.aspx.cs" Inherits="ECommerce.Baggage" %>
<asp:Content ID="Baggage_Section" ContentPlaceHolderID="Baggage" runat="server">
    
    <div style="z-index:0; color:#fff">
        <h2>
            Welcome to Baggage Section.
        </h2>
        <h1>Look mighty good with the mighty American Tourister.</h1>
        <h3>Deals raining on Polo, AT and Gucci. Visit the nearest Pluto's Galaxy
today!</h3>
        
        
    </div>
</asp:Content>
```

Electronics.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/HomePage.master"
AutoEventWireup="true" CodeBehind="Electronics.aspx.cs"
Inherits="ECommerce.Electronics" %>
<asp:Content ID="Electronics_Section" ContentPlaceHolderID="Electronics"
runat="server">
    
    <div style="z-index:0; color:#fff">
        <h2>
            Welcome to Electronics Section.
        </h2>
        <h1>
            Bag an exciting deal on iPhone 12 Mini! Visit our store near you now!
        </h1>
        <h3>
            Be your best: with a durable OS, you remain safe in a world of constant
            threats to your privacy. <a href="google.com">Read More</a>
        </h3>
        
        
        
        
    </div>
</asp:Content>
```

Offers.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/HomePage.master"
AutoEventWireup="true" CodeBehind="Offers.aspx.cs" Inherits="ECommerce.Offers" %>
<asp:Content ID="Offers_Section" ContentPlaceHolderID="Offers" runat="server">
    
    <div style="z-index:0; color:#000">
        <h2>
            Welcome to Offers Section.
        </h2>
        <h1>You want it? Then buy it and save loads of money!</h1>
        <h3>Deals raining on iPhones, Galaxies, Zara, and Titan. Visit the nearest
            Amazon Go Store today!</h3>
        
        
    </div>
</asp:Content>
```

```



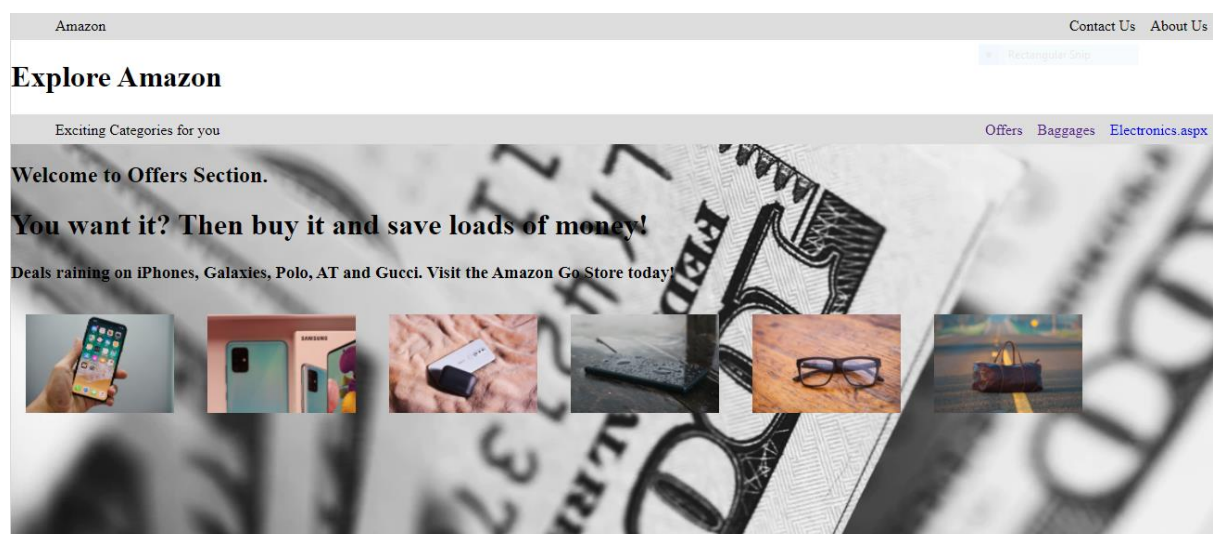
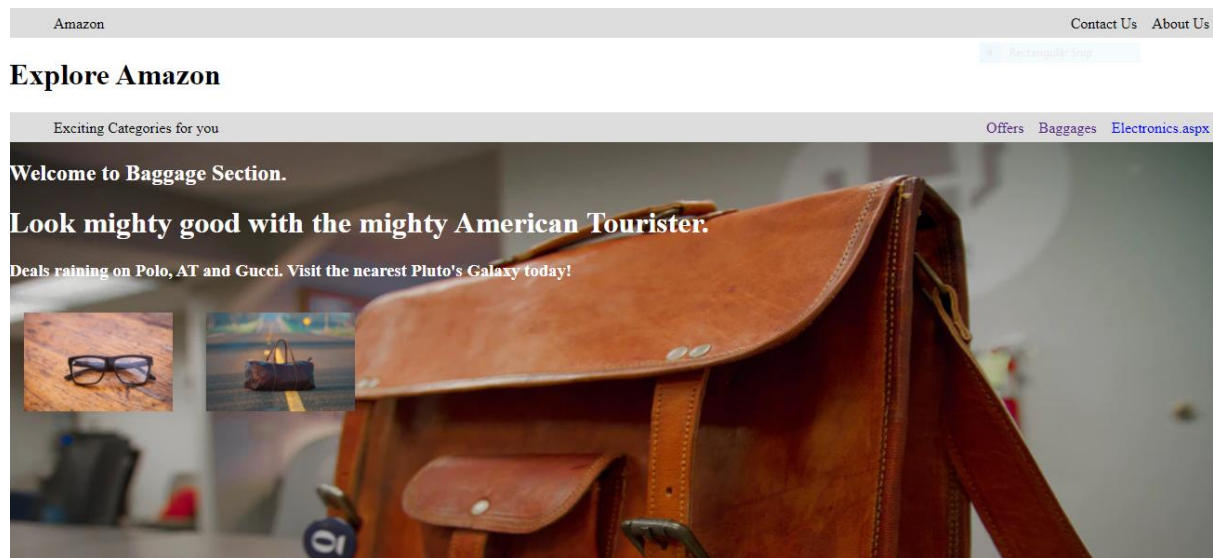


</div>
</asp:Content>

```

All .cs files are empty. Hence, did not include in the file

Output



Question 3

WebForm1.aspx

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

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <style type="text/css">
        .auto-style1 {
            height: 478px;
        }
    </style>
</head>
<body>
    <form id="form1" runat="server">
        <div class="auto-style1">
            <asp:DropDownList ID="DropDownList1" runat="server" Height="17px"
Width="142px" AutoPostBack="true" OnSelectedIndexChanged="ChangedContent">
            </asp:DropDownList>
            <br />
            <h2>Type Anything:</h2><br />
            <asp:TextBox ID="TextBox2" runat="server" Height="22px"
Width="137px"></asp:TextBox>
            <br />
            <br />
            <asp:Label ID="Label1" runat="server" BorderColor="#FFCC00"
BorderStyle="Solid"></asp:Label>
        </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 SummerMonsoon
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            if (!IsPostBack)
            {
                DropDownList1.Items.Add("Monsoon");
                DropDownList1.Items.Add("Summer");
                if(Session["Theme"] != null)
                {
                    DropDownList1.Items.FindByText(Session["Theme"].ToString()).Selected = true;
                }
            }
        }
    }
}
```

```

    }
    Label1.Text = "'" + TextBox2.Text + "'";
}

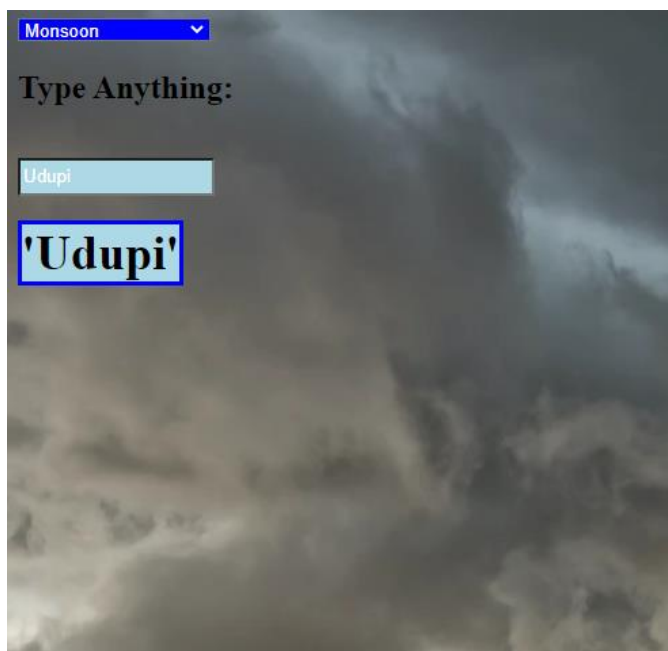
protected void Page_PreInit(object sender, EventArgs e)
{
    if(Session["Theme"] != null)
    {
        Page.Theme = Session["Theme"].ToString();
    }
}

protected void ChangedContent(object sender, EventArgs e)
{
    Session["Theme"] = DropDownList1.SelectedValue;
    Server.Transfer(Request.FilePath);
}

}
}

```

Output

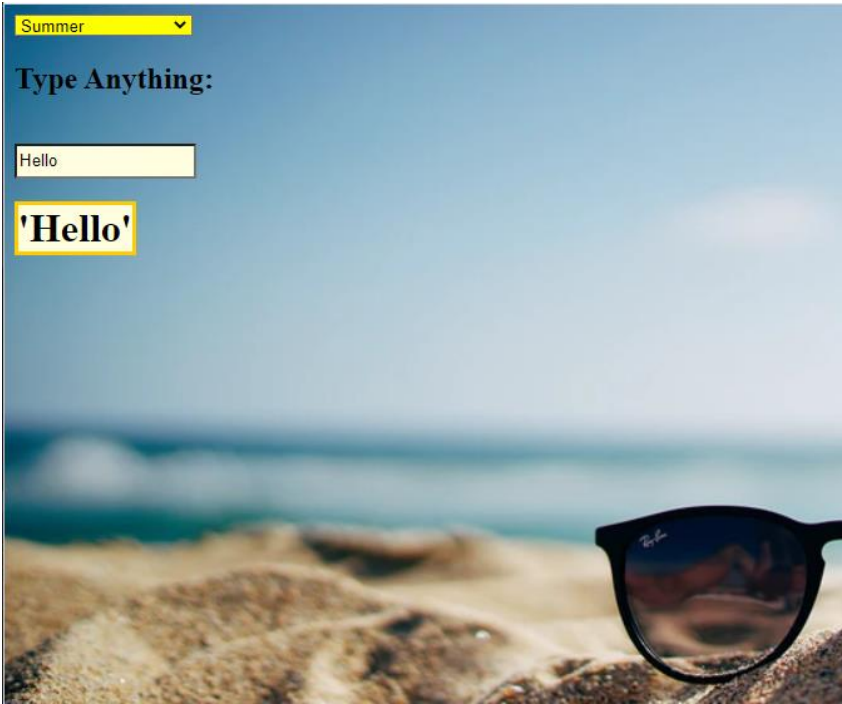


Summer ▼

Type Anything:

Hello

'Hello'



Question 4

HomeMaster.aspx

```
<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="Home.master.cs"
Inherits="MobileSpecs.Home" EnableTheming="true" %>

<!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="LeftPane" runat="server">
            </asp:ContentPlaceHolder>
            <asp:ContentPlaceHolder ID="MainPane" runat="server">
            </asp:ContentPlaceHolder>
        </div>
    </form>
</body>
</html>
```

First.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Home.Master" AutoEventWireup="true"
CodeBehind="First.aspx.cs" Inherits="MobileSpecs.First" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="MainPane" runat="server">
    <asp:DropDownList ID="Mobile_Names" runat="server" AutoPostBack="true"
OnSelectedIndexChanged="Mobile_Names_SelectedIndexChanged" /><br /><br />
    <asp:Button ID="Submit_Choice" runat="server" Text="Check Specs" OnClick="Next" />
</asp:Content>
<asp:Content ID="Content3" ContentPlaceHolderID="LeftPane" runat="server">
    <asp:Label ID="Mobile_Name" runat="server" style="display:block; background:#ddd;
padding:16px; margin-bottom:16px"/>
</asp:Content>

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

namespace MobileSpecs
{
    public partial class First : System.Web.UI.Page
    {
        List<String> mobiles;

        private void Initialize_List()
```

```

{
    mobiles = new List<String>();
    mobiles.Add("iPhone 12 Mini");
    mobiles.Add("Galaxy Z Flip");
    mobiles.Add("OnePlus 8T Pro");
}
protected void Page_Load(object sender, EventArgs e)
{
    Initialize_List();

    foreach (String item in mobiles)
        Mobile_Names.Items.Add(new ListItem(item, item));
}

protected void Mobile_Names_SelectedIndexChanged(object sender, EventArgs e)
{
    Mobile_Name.Text = Mobile_Names.Items[Mobile_Names.SelectedIndex].Value;
}

protected void Next(object sender, EventArgs e)
{
    Response.Redirect("/Second?index=" + Mobile_Names.SelectedIndex);
}
}
}

```

Second.aspx

```

<%@ Page Title="" Language="C#" MasterPageFile="~/Home.Master" AutoEventWireup="true"
CodeBehind="Second.aspx.cs" Inherits="MobileSpecs.Second" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="MainPane" runat="server">
    <asp:Button ID="Back" runat="server" Text="Back" OnClick="Back_Click" /> <br /><br />
    <asp:Table runat="server">
        <asp:TableRow>
            <asp:TableCell>RAM:</asp:TableCell>
            <asp:TableCell ID="RAM">12 Gb</asp:TableCell>
        </asp:TableRow>
        <asp:TableRow>
            <asp:TableCell>Battery:</asp:TableCell>
            <asp:TableCell ID="Battery">5000 mAh</asp:TableCell>
        </asp:TableRow>
        <asp:TableRow>
            <asp:TableCell>Display:</asp:TableCell>
            <asp:TableCell ID="Display">5.7 Inch</asp:TableCell>
        </asp:TableRow>
    </asp:Table>
</asp:Content>
<asp:Content ID="Content3" ContentPlaceHolderID="LeftPane" runat="server">
    <asp:Label ID="Mobile_Name" runat="server" style="display:block; background:#ddd;
padding:16px; margin-bottom:16px"/>
</asp:Content>

using System;
using System.Collections.Generic;
using System.Linq;

```

```

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

namespace MobileSpecs
{
    public partial class Second : System.Web.UI.Page
    {
        List<int> Battery_Caps, RAM_Sizes;
        List<float> Display_Sizes;
        List<String> mobiles;
        private void Initialize_List()
        {
            Battery_Caps = new List<int>();
            Battery_Caps.Add(3000);
            Battery_Caps.Add(4000);
            Battery_Caps.Add(3500);

            RAM_Sizes = new List<int>();
            RAM_Sizes.Add(6);
            RAM_Sizes.Add(8);
            RAM_Sizes.Add(12);

            Display_Sizes = new List<float>();
            Display_Sizes.Add(5.7f);
            Display_Sizes.Add(5.3f);
            Display_Sizes.Add(6.2f);

            mobiles = new List<String>();
            mobiles.Add("iPhone 12 Mini");
            mobiles.Add("Galaxy Z Flip");
            mobiles.Add("OnePlus 8T Pro");
        }

        protected void Back_Click(object sender, EventArgs e)
        {
            Response.Redirect("/First");
        }

        protected void Page_Load(object sender, EventArgs e)
        {
            Initialize_List();
            RAM.Text = RAM_Sizes[Convert.ToInt32(Request.QueryString["index"])] + "
Gb";
            Battery.Text = Battery_Caps[Convert.ToInt32(Request.QueryString["index"])]
+ " mAH";
            Display.Text =
Display_Sizes[Convert.ToInt32(Request.QueryString["index"])] + " inch";
            Mobile_Name.Text = mobiles[Convert.ToInt32(Request.QueryString["index"])]];
        }
    }
}

```

Output

OnePlus 8T Pro

[Back](#)

RAM: 12 Gb

Battery: 3500 mAH

Display: 6.2 inch