

(Assignment-01 ASP.NET)

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Div: (6CEC)

Code:

Login.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Login.aspx.
```

```
<!DOCTYPE html>
```

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

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

```
    <title>Login Page</title>
```

```
    <style>
```

```
        .div {
```

```
            width: 300px;
```

```
            height: 200px;
```

```
            background-color: antiquewhite;
```

```
            margin: auto;
```

```
        }
```

```
        h1 {
```

```
            text-align: center;
```

```
            margin-top: 20px;
```

```
        }
```

```
        #Button1 {
```

```
            margin-left: 150px;
```

```
        }
```

```
        #form1 {
```

```
            margin-top: 250px;
```

```
        }
```

```
#Label1 {
    margin-left: 20px;
}
#Label2 {
    margin-left: 20px;
}
</style>
</head>
<body>
    <form id="form1" runat="server">
        <div class="div">
            <h1>Login Now</h1>
            <asp:Label ID="Label1" runat="server" Text="Username: "></asp:Label>
            <br />
            <asp:Label ID="Label2" runat="server" Text="Password: "></asp:Label>
            <br />
            <asp:Button ID="Button1" runat="server" Text="Login" OnClick="Button1
            <br />
        </div>
    </form>
</body>
</html>
```

Login.aspx.cs

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

```

using System.Web.UI.WebControls;
namespace _22SOECE11108_Assignment_01_
{
    public partial class Welcome : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            string username = TextBox1.Text;
            Session["Username"] = username;
            if (TextBox1.Text != "" && TextBox2.Text != "")
            {
                Server.Transfer("Welcome.aspx");
            }
            else
            {
                Server.Transfer("");
            }
        }
    }
}

```

Welcome.aspx

```

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Welcome.as
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">

```

```

<title>Welcome</title>
<style>
    #h1{
        font-size:40px;
        margin:auto;
        margin-top:250px;
        text-align:center;
    }
</style>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <h1 id="h1">Welcome To <asp:Label ID="lblWelcome" runat="server" Text="Welcome To" />
        </div>
    </form>
</body>
</html>

```

Welcome.aspx.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
namespace _22SOECE11108_Assignment_01_
{
    public partial class Welcome1 : System.Web.UI.Page

```

```

{
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {
            string username = Session["Username"] as string;
            if (!string.IsNullOrEmpty(username))
            {
                lblWelcome.Text += username;
            }
            else
            {
                lblWelcome.Text = "Welcome, Guest!";
            }
        }
    }
}

```

Output:

Code:

```

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

```

```
<body>
```

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

```
        <div style="text-align: center; margin-top: 50px;">
```

```
            <h1>Temperature Conversion</h1>
```

```
            <label for="tempInput">Enter Temperature:</label>
```

```
            <asp:TextBox ID="tempInput" runat="server"></asp:TextBox>
```

```
            <br />
```

```
            <br />
```

```
            <label for="ddlConversion">Convert to:</label>
```

```
            <asp:DropDownList ID="ddlConversion" runat="server">
```

```
                <asp:ListItem Text="Celsius to Fahrenheit" Value="CtoF"></asp:ListIte
```

```
                <asp:ListItem Text="Fahrenheit to Celsius" Value="FtoC"></asp:ListIte
```

```
            </asp:DropDownList>
```

```
            <br />
```

```
            <br />
```

```
            <asp:Button ID="btnConvert" runat="server" Text="Convert" OnClick="bt
```

```
            <br />
```

```
            <br />
```

```
            <asp:Label ID="lblResult" runat="server" ForeColor="Blue" Font-Bold="T
```

```
        </div>
```

```
    </form>
```

```
    <script runat="server">
```

```
        protected void btnConvert_Click(object sender, EventArgs e)
```

```
        {
```

```
            double temperature;
```

```
            if (double.TryParse(tempInput.Text, out temperature))
```

```
            {
```

```
                string conversionType = ddlConversion.SelectedValue;
```

```

        double result = 0.0;
        if (conversionType == "CtoF")
        {
            result = (temperature * 9 / 5) + 32;
            lblResult.Text = $"{temperature} Celsius is {result:F2} Fahrenheit.";
        }
        else if (conversionType == "FtoC")
        {
            result = (temperature - 32) * 5 / 9;
            lblResult.Text = $"{temperature} Fahrenheit is {result:F2} Celsius.";
        }
    }
    else
    {
        lblResult.Text = "Please enter a valid numeric temperature.";
    }
}
</script>
</body>
</html>

```

Output:

Code:

Calculator.aspx

```

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Calcula
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">

```

```
<title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <h1>Calculator</h1>
            <br />
            <br />
            Enter Your No1: <asp:TextBox ID="TextBox1" runat="server" placeholder="Enter No1" />
            <br />
            Enter Your No2: <asp:TextBox ID="TextBox2" runat="server" placeholder="Enter No2" />
            <br />
            <asp:Button ID="Button2" runat="server" Text="Add" OnClick="Add_Btn_Click" />
            &nbsp;
            <br />
            Result: <asp:Label ID="Label1" runat="server" Text="" />
        </div>
    </form>
</body>
</html>
```

Calculator.aspx.cs

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


namespace _22SOECE11108_Assignment_01_

```
{  
    public partial class Calculator : System.Web.UI.Page  
    {  
        protected void Page_Load(object sender, EventArgs e)  
        {  
        }  
        protected void Add_Btn(object sender, EventArgs e)  
        {  
            int n1 = Convert.ToInt32(TextBox1.Text);  
            int n2 = Convert.ToInt32(TextBox2.Text);  
            int result = n1 + n2;  
            Label1.Text = result.ToString();  
        }  
        protected void Sub_Btn(object sender, EventArgs e)  
        {  
            int n1 = Convert.ToInt32(TextBox1.Text);  
            int n2 = Convert.ToInt32(TextBox2.Text);  
            int result = n1 - n2;  
            Label1.Text = result.ToString();  
        }  
        protected void Mult_Btn(object sender, EventArgs e)  
        {  
            int n1 = Convert.ToInt32(TextBox1.Text);  
            int n2 = Convert.ToInt32(TextBox2.Text);  
            int result = n1 * n2;  
            Label1.Text = result.ToString();  
        }  
    }  
}
```

```

protected void Div_Btn(object sender, EventArgs e)
{
    int n1 = Convert.ToInt32(TextBox1.Text);
    int n2 = Convert.ToInt32(TextBox2.Text);
    int result = n1 / n2;
    Label1.Text = result.ToString();
}
protected void Mod_Btn(object sender, EventArgs e)
{
    int n1 = Convert.ToInt32(TextBox1.Text);
    int n2 = Convert.ToInt32(TextBox2.Text);
    int result = n1 % n2;
    Label1.Text = result.ToString();
}
}
}

```

Output:

Code:

AutoPostBack.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="AutoPostba
```

```
<!DOCTYPE html>
```

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

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

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

```
</head>
```

```
<body>
```

```

<form id="form1" runat="server">
    <div>
        <h1>Autopost Back Page</h1><br /><br />
        <asp:ListBox ID="ListBox1" runat="server" AutoPostBack="True" OnSelectedIndexChanged="AutoPostBack_SelectedIndexChanged">
            <asp:ListItem>India</asp:ListItem>
            <asp:ListItem>China</asp:ListItem>
            <asp:ListItem>Pakistan</asp:ListItem>
            <asp:ListItem>Bangladesh</asp:ListItem>
            <asp:ListItem></asp:ListItem>
        </asp:ListBox><br /><br />
        You Selected: <asp:Label ID="Label1" runat="server" Text=""></asp:Label>
    </div>
</form>
</body>
</html>

```

AutoPostBack.aspx.cs

```

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

namespace _22SOECE11108_Assignment_01_
{
    public partial class AutoPostBack : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

```

```
}  
protected void ListBox1_SelectedIndexChanged(object sender, EventArgs e)  
{  
    Label1.Text = ListBox1.SelectedItem.ToString();  
}  
}  
}
```

Output: