Week 7

Q1

Default.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="Default.aspx.cs"
Inherits="_Default" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div style="height: 442px">
            <br />
   
            <asp:Label ID="Label1" runat="server" Text="Fruits:"></asp:Label>
            <br />
  

 
            <asp:CheckBoxList ID="CheckBoxList1" runat="server">
            </asp:CheckBoxList>
            <br />
   
            <asp:Label ID="Label2" runat="server" Text="Ice creams:"></asp:Label>
            <br />

   
            <asp:RadioButtonList ID="RadioButtonList1" runat="server">
            </asp:RadioButtonList>
            <br />
   
            <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Make
milkshake" />
            <br />
            <br />
   
            <asp:Label ID="Label3" runat="server" Text="Fruits:"></asp:Label>
   
            <br />
            <br />
   
            <asp:Label ID="Label4" runat="server" Text="Ice cream:"></asp:Label>
            <br />
            <br />
   
            <asp:Label ID="Label5" runat="server" Text="Cost:"></asp:Label>
            <br />
            <p style="margin-left: 40px">
                <br />
                <br />
   
            </p>
        </div>
    </form>
</body>
</html>
```

Default.aspx.cs

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

public partial class _Default : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if(!this.IsPostBack)
        {
            List<String> fruits = new List<String>();

            fruits.Add("Apple");
            fruits.Add("Mango");
            fruits.Add("Orange");
            fruits.Add("Kiwi");
            fruits.Add("Watermelon");

            List<String> ice_cream = new List<String>();

            ice_cream.Add("Chocolate");
            ice_cream.Add("Vanilla");
            ice_cream.Add("Butterscotch");
            ice_cream.Add("Strawberry");

            CheckBoxList1.DataSource = fruits;
            RadioButtonList1.DataSource = ice_cream;

            this.DataBind();


        }
        Label3.Text = "Fruits:";
        Label4.Text = "Ice cream:";
        Label5.Text = "Cost:";
    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        foreach(ListItem item in CheckBoxList1.Items)
        {
            if(item.Selected==true)
            {
                Label3.Text += item.Text + " ";
            }
        }

        Label4.Text += RadioButtonList1.SelectedValue;

        Random r = new Random();

        Label5.Text += r.Next(100, 200).ToString();
    }
}
```

I/O

Q2

First.aspx

```aspx
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="First.aspx.cs"
Inherits="First" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div style="height: 239px">
            
            <br />
            <br />
   
            <asp:Label ID="Label1" runat="server" Text="Travel packages:"></asp:Label>
            <br />
            <br />
   
            <asp:ListBox ID="ListBox1" runat="server" DataSourceID="SqlDataSource1"
DataTextField="place" AutoPostBack="true"></asp:ListBox>
            <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="Data Source=(localdb)\MSSQLLocalDB;Initial Catalog=Test;Integrated
Security=SSPI" SelectCommand="SELECT place FROM Travel" ></asp:SqlDataSource>
            <br />
            <br />
   
            <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Get
Details" />
        </div>
    </form>
</body>
</html>
```

First.aspx.cs

```csharp
using System;
```

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

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

    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        string place = ListBox1.SelectedValue;
        string url = "Second.aspx?place=" + Server.UrlEncode(place);
        Response.Redirect(url);
    }
}
```

Second.aspx

```aspx
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="Second.aspx.cs"
Inherits="Second" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div style="height: 238px">
            <asp:GridView ID="GridView1" runat="server" DataSourceID="SqlDataSource1">
            </asp:GridView>
            <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="Data Source=(localdb)\MSSQLLocalDB;Initial Catalog=Test;Integrated
Security=SSPI" SelectCommand="SELECT * FROM Travel WHERE place=@place">
                <SelectParameters>
                    <asp:QueryStringParameter Name="place" QueryStringField="place"/>
                </SelectParameters>
            </asp:SqlDataSource>
        </div>
    </form>
</body>
</html>
```

I/O

localhost:49686/q1.aspx

Select Fruit:
- ☑ Mango
- ☐ Chikku
- ☐ Papaya
- ☐ Litchi
- ☐ Avocado
- ☐ Watermelon

Select Icecream:
- ◉ vanilla
- ○ chocolate
- ○ strawberry
- ○ coffee
- ○ litchi
- ○ coconut

[Order Milkshake]

Selected fruit: Mango and Selected Icecream flavor: vanilla
Total Milkshake Price: 75

---

dbo.TourPackages [Data]   dbo.TourPackages [Design]

Max Rows: 1000

Id	Location	Days	Cost
1	Kulu Manali	5	20000
3	Shimla Darjeeling	6	15000
4	Ooty Kodaikanal	4	20000
NULL	NULL	NULL	NULL

Place	Days	Cost
Shimla Darjeeling	6	15000

Q3

Default.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="Default.aspx.cs"
Inherits="_Default" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
```
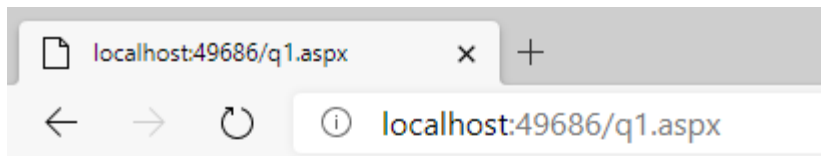
```
        <div style="height: 304px">
             
            <br />
            <br />
   
            <asp:Label ID="Label1" runat="server" Text="States:"></asp:Label>
            <br />
            <br />
   
            <asp:DropDownList ID="DropDownList1" runat="server"
OnSelectedIndexChanged="DropDownList1_SelectedIndexChanged" AutoPostBack="true">
            </asp:DropDownList>
            <br />
            <br />
   
            <asp:Label ID="Label2" runat="server" Text="Cities:"></asp:Label>
            <br />
            <br />
   
            <asp:DropDownList ID="DropDownList2" runat="server"
DataSourceID="SqlDataSource1" DataTextField="CityName">
            </asp:DropDownList>
            <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="Data Source=(localdb)\MSSQLLocalDB;Initial Catalog=Test;Integrated
Security=SSPI" SelectCommand="SELECT CityName FROM City WHERE StateID=@StateID">
                <SelectParameters>
                    <asp:ControlParameter ControlID="DropDownList1" Name="StateID"
PropertyName="SelectedValue"/>
                </SelectParameters>
            </asp:SqlDataSource>
        </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;

public partial class _Default : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if(!this.IsPostBack)
        {
            Dictionary<int, string> state = new Dictionary<int, string>();

            state.Add(1, "Maharashtra");
            state.Add(2, "Karnataka");
            state.Add(3, "Kerala");
            state.Add(4, "Gujarat");
            state.Add(5, "Rajasthan");

            DropDownList1.DataSource = state;

            DropDownList1.DataTextField = "Value";
            DropDownList1.DataValueField = "Key";
```

```
            this.DataBind();
        }
    }


}
```

I/O

Q4

Default.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="Default.aspx.cs"
Inherits="_Default" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div style="height: 519px">
           
            <br />
            <br />
   
            <asp:Label ID="Label1" runat="server" Text="Categories:"></asp:Label>
            <br />
   
            <br />
   
            <asp:DropDownList ID="DropDownList1" runat="server" AutoPostBack="true">
            </asp:DropDownList>
            <br />
            <br />
   
            <asp:Label ID="Label2" runat="server" Text="Actors:"></asp:Label>
            <br />
            <br />
   
```

```
            <asp:ListBox ID="ListBox1" runat="server" DataSourceID="SqlDataSource1"
DataTextField="name" AutoPostBack="true"></asp:ListBox>
            <br />
            <br />
   
            <asp:Label ID="Label3" runat="server" Text="Actor details:"></asp:Label>
            <br />
            <br />
   
            <asp:GridView ID="GridView1" runat="server" DataSourceID="SqlDataSource2">
            </asp:GridView>
            <br />
            <br />
            <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="Data Source=(localdb)\MSSQLLocalDB;Initial Catalog=Test;Integrated
Security=SSPI" SelectCommand="SELECT name FROM Legends WHERE category=@category">
                <SelectParameters>
                    <asp:ControlParameter ControlID="DropDownList1" Name="category"
PropertyName="SelectedValue"/>
                </SelectParameters>
            </asp:SqlDataSource>
            <asp:SqlDataSource ID="SqlDataSource2" runat="server"
ConnectionString="Data Source=(localdb)\MSSQLLocalDB;Initial Catalog=Test;Integrated
Security=SSPI" SelectCommand="SELECT name,age FROM Legends WHERE name=@name">
                <SelectParameters>
                    <asp:ControlParameter ControlID="ListBox1" Name="name"
PropertyName="SelectedValue"/>
                </SelectParameters>
            </asp:SqlDataSource>

   
        </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;

public partial class _Default : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if(!this.IsPostBack)
        {
            List<String> category = new List<String>();

            category.Add("comedy");
            category.Add("romance");
            category.Add("action");

            DropDownList1.DataSource = category;
            this.DataBind();
        }
    }
}
```

I/O

dbo.Actors [Data]

Id	name	age	category
1	Amitabh	78	Bollywood
2	Prakash	76	Kannada
3	Tom cruise	57	Hollywood
4	Angelina	43	Hollywood
5	Tom Hanks	67	Hollywood
6	Aishwarya	48	Bollywood
NULL	NULL	NULL	NULL

dbo.Actors [Design]

Update | Script File: dbo.Table_1.sql

Name	Data Type	Allow Nulls	Default
Id	nchar(10)	☐	
name	varchar(10)	☐	
age	nchar(10)	☐	
category	varchar(10)	☐	
		☐	

localhost:49686/q4.aspx

Select Category: Hollywood ⌄ Select Category

Select Actor:
Tom cruise
Angelina
Tom Hanks
Brad Pitt
  Select Actor

Actor Details:

name	age	category
Tom cruise	57	Hollywood