

### Practical No.3(a)

**Problem Statements** : Create a simple web page with various **server controls** to demonstrate setting and use of their properties (Examples : **AutoPostBack**).

### Source Code :

### Servercontrol.aspx :

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="servercontrol.aspx.cs"
Inherits="prect_3_a_.servercontrol" %>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
  <title></title>
</head>
<body>
  <form id="form1" runat="server">
    <div>
      <center><h1>Example of AutoPostBack</h1></center>
```

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# Advanced Web Programming With C#

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Sheth N.K.T.T College , Thane
T.Y.B.Sc.IT(2018-2019)

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## Servercontrol.aspx.cs :

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

namespace prect_3_a_
{
    public partial class servercontrol : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            Label4.Text = "Your first name=" + txt_fn.Text;
            Label5.Text = "Your last name=" + txt_ln.Text;
            Label6.Text = "Address is=" + txt_add.Text;
            if (r_male.Checked)
            {
                Label7.Text = "Your gender is=" + r_male.Text;
            }

            else
            {
                Label7.Text = "Your gender is=" + r_female.Text;
            }
        }

        protected void CheckBox1_CheckedChanged(object sender, EventArgs e)
        {
            Label8.Text = "1) subject name =" + CheckBox1.Text;
        }

        protected void CheckBox2_CheckedChanged(object sender, EventArgs e)
        {
            Label9.Text = "2) subject name =" + CheckBox2.Text;
        }
    }
}
```

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```
protected void CheckBox3_CheckedChanged(object sender, EventArgs e)
{
    Label10.Text = "3) subject name =" + CheckBox3.Text;
}

protected void CheckBox4_CheckedChanged(object sender, EventArgs e)
{
    Label11.Text = "4) subject name i=" + CheckBox4.Text;
}

protected void DropDownList1_SelectedIndexChanged(object sender, EventArgs e)
{
    Label12.Text = "Your state name is=" + DropDownList1.SelectedItem;
}

protected void ListBox1_SelectedIndexChanged(object sender, EventArgs e)
{
    Label13.Text = "your language=" + ListBox1.SelectedItem.Value;
}

}

}
```

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## Design :

### Example of AutoPostBack

First name

Last name

Address

Select your gender ☐ Male ☐ Female

select your subject name

☐ Physics ☐ Chemistry ☐ Biology ☐ Math

select your state

Maharashtra

select your language

Hindi

English

Marathi

Gujrati

Label

Label

Label

Label

Label

Label

Label

Label

Label

Label

# Advanced Web Programming With C#

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## Output :

← → ↻ ⓘ localhost:1427/servercontrol.aspx

## Example of AutoPostBack

First name

Last name

Address

Select your gender ☐ Male ☒ Female

select your subject name

☒ Physics ☒ Chemistry ☒ Biology ☐ Math

select your state

select your language

Your first name=sonu  
Your last name=bind  
Address is=gandhi nagar  
Your gender is=Female  
1) subject name =Physics  
2) subject name =Chemistry  
3) subject name =Biology  
Label  
Your state name is=Maharashtra  
your language=English

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## Practical No.3(b)

**Problem statements** : demonstrate the use of Calender control to perform following operations.

- a) Display messages in a calender control
- b) Display vacation in a calender control
- c) Selected day in a calender control using style
- d) Difference between two calender dates

### **Calender Control** :

#### **Source code** :

##### **calenderoperation.aspx** :

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="calenderoperation.aspx.cs"
Inherits="prect3_b_.calenderoperation" %>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
  <title></title>
</head>
<body>
  <form id="form1" runat="server">
    <div>
```

```
      <asp:Calendar ID="Calendar1" runat="server" BackColor="#FFFFCC"
        BorderColor="#FFCC66" BorderWidth="1px" Caption="TYIT Calender"
        Font-Names="Verdana" Font-Size="8pt" ForeColor="#663399" Height="200px"
        NextPrevFormat="ShortMonth" ondayrender="Calendar1_DayRender"
        onselectionchanged="Calendar1_SelectionChanged" ShowGridLines="True"
        Width="220px">
        <DayHeaderStyle BackColor="#FFCC66" Font-Bold="True" Height="1px" />
        <NextPrevStyle Font-Size="9pt" ForeColor="#FFFFCC" />
        <OtherMonthDayStyle ForeColor="#CC9966" />
        <SelectedDayStyle BackColor="#CCCCFF" Font-Bold="True" />
        <SelectorStyle BackColor="#FFCC66" />
        <TitleStyle BackColor="#990000" Font-Bold="True" Font-Size="9pt"
          ForeColor="#FFFFCC" />
        <TodayDayStyle BackColor="#FFCC66" ForeColor="White" />
      </asp:Calendar>
    <br />
    <asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>
```



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**calenderoperation.aspx.cs :**

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```
{
    TimeSpan d = new DateTime(2018, 9, 13) - DateTime.Now;
    Label3.Text = "Ganpati Vacation is after : " + d.Days.ToString();
}

protected void Calendar1_DayRender(object sender, DayRenderEventArgs e)
{
    if (e.Day.Date.Day == 5 && e.Day.Date.Month == 9)
        e.Cell.Controls.Add(new LiteralControl("<br/>Teacher's day"));
    if (e.Day.Date.Day == 18 && e.Day.Date.Month == 9)
        e.Cell.Controls.Add(new LiteralControl("<br/>Holiday"));

    if (e.Day.IsOtherMonth)
    {
        e.Day.IsSelectable = false;
        //e.Cell.BackColor=System.drawing.Color.Red;

        e.Cell.Controls.Clear();
    }

    if (e.Day.Date >= new DateTime(2018, 9, 13) && (e.Day.Date <= new
DateTime(2018, 9, 18)))
    {
        e.Cell.BackColor = System.Drawing.Color.Red;
        e.Cell.BorderColor = System.Drawing.Color.Green;
        e.Cell.BorderWidth = new Unit(3);
    }
}

protected void Button2_Click(object sender, EventArgs e)
{
}
}
```

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Design :

TYIT Calender						
Sep	October 2018					Nov
Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

Label

Label

Label

check vacation ☐

☐

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Output :

TYIT Calender

Aug	September 2018						Oct
Sun	Mon	Tue	Wed	Thu	Fri	Sat	
						1	
2	3	4	5 Teacher's day	6	7	8	
9	10	11	12	13	14	15	
16	17	18 Holiday	19	20	21	22	
23	24	25	26	27	28	29	
30							

Your selected dates : 9/26/2018

Your selected dates : Wednesday, September 26, 2018

Ganpati Vacation is after : -19

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## Practical No.3(c)

**Problem Statement** :-Demonstrate the use of TreeView control perform following operations.

a) Treeview control and datalist

b) Treeview operations

### **Treeview control :**

#### **Xml File :**

##### **stdetail.xml**

```
<?xml version="1.0" encoding="utf-8" ?>
<studentdetail>
  <student>
    <sid>1</sid>
    <sname>sonu</sname>
    <sclass>TYIT</sclass>
  </student>
  <student>
    <sid>2</sid>
    <sname>shruti</sname>
    <sclass>TYCS</sclass>
  </student>
  <student>
    <sid>1</sid>
    <sname>seema</sname>
    <sclass>TYIT</sclass>
  </student>
  <student>
    <sid>1</sid>
    <sname>sweta</sname>
    <sclass>TYCS</sclass>
  </student>
</studentdetail>
```

# Advanced Web Programming With C#

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## Source code :

### Default.aspx :

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Default.aspx.cs"
Inherits="pract_3_c_.Default" %>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
  <title></title>
</head>
<body>
  <form id="form1" runat="server">
    <div>
```

```
      <asp:TreeView ID="TreeView1" runat="server" ForeColor="#FF3300">
        <HoverNodeStyle Font-Underline="True" />
        <Nodes>
          <asp:TreeNode Text="ASP.NET Practs " Value="New Node">
            <asp:TreeNode Text="Calender Control" Value="RED"
              NavigateUrl="~/cal.aspx"></asp:TreeNode>
            <asp:TreeNode Text="Construtor Overloading" Value="GREEN"
              NavigateUrl="~/consover.aspx"></asp:TreeNode>
            <asp:TreeNode Text="Inheritance" Value="BLUE"
              NavigateUrl="~/singleInh.aspx"></asp:TreeNode>
            <asp:TreeNode Text="Class properties" Value="Class properties"
              NavigateUrl="~/clcProp.aspx"></asp:TreeNode>
          </asp:TreeNode>
        </Nodes>
      </asp:TreeView>
```

```
    <br/>
    Fetch Datalist Using Xml data : </div>
    <asp:DataList ID="DataList1" runat="server">
      <ItemTemplate>
        <table class="table" border="1">
          <tr>
            <td>Roll Num:<%# Eval("sid") %><br/>
              Name:<%# Eval("sname") %><br/>
              Class:<%# Eval("sclass") %>
```

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```
</td>
</tr>
</table>
</ItemTemplate>
</asp:DataList>
</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;
using System.Data;

namespace prect_3_c_
{

    public partial class Default : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            if (!IsPostBack)
            {
                BindData();
            }
        }
        protected void BindData()
        {
            DataSet ds = new DataSet();
            ds.ReadXml(Server.MapPath("Stdetail.xml"));
            if (ds != null && ds.HasChanges())
            {
                DataList1.DataSource = ds;
                DataList1.DataBind();
            }
            else
            {
                DataList1.DataBind();
            }
        }
    }
}
```

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```
}  
}
```

## Design :

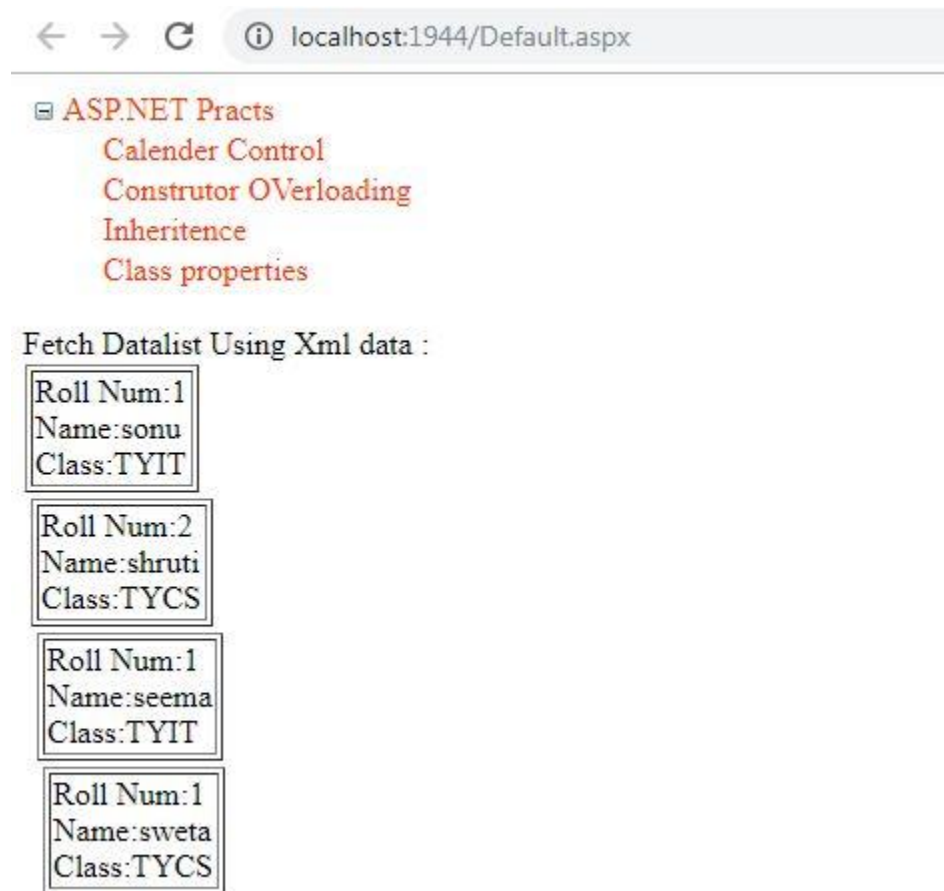
The screenshot displays a web application interface. At the top, there is a menu titled "ASP.NET Practs" with sub-items: "Calender Control", "Construtor OVerloading", "Inheritance", and "Class properties". Below the menu, the text "Fetch Datalist Using Xml data :" is visible. The main content area contains a vertical list of five identical data items. Each item is enclosed in a box and contains the text "Roll Num:Databound", "Name:Databound", and "Class:Databound". A vertical line separates the list of items from the right side of the page.



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**Output :**



## Practical No.4(a)

**Validation control :**

**Source code :**

**validationcontrol.aspx** :

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="validationcontrol.aspx.cs"
Inherits="prect_4_a_.validationcontrol" %>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
  <title></title>
</head>
<body>
  <form id="form1" runat="server">
    <div>
```

[illegible]

# Advanced Web Programming With C#

# Advanced Web Programming With C#

# Advanced Web Programming With C#

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```
<br />
<br />
<br />
<br />
<br />
<br />
<br />

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

## **validationcontrol.aspx.cs :**

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

namespace prect_4_a_
{
    public partial class validationcontrol : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            Label1.Text = "Your name is=" + txt_n.Text;
            Label2.Text = "Your userid is=" + txt_id.Text;
            Label3.Text = "Your age is=" + txt_age.Text;
            Label4.Text = "Your password is=" + txt_pass.Text;
            Label5.Text = "Your confirm password is=" + txt_cnfpass.Text;
            Label6.Text = "Your mobile number is=" + txt_mob.Text;
            Label7.Text = "Your emailid is=" + txt_em.Text;
            if (this.IsValid)
            {
                Label1.Text = "Data Saved";
            }
        }
    }
}
```

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```
        Label1.ForeColor = System.Drawing.Color.Green;

    }
    else
    {
        Label1.Text = "Data not Saved";

        Label1.ForeColor = System.Drawing.Color.Red;

    }

}
}
```

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## Design :

Name	<input type="text"/>	please enter first name
userid	<input type="text"/>	please enter userid
Age	<input type="text"/>	please enter your age Age must be between 15 to 30
password	<input type="password"/>	please enter the password
confirm password	<input type="password"/>	please enter the confirm password password not match
Mobile number	<input type="text"/>	please enter mobile number Enter 10 digits numbers only
EmailId	<input type="text"/>	please enter the EmailId Invalid email
<input type="button" value="Submit"/>		
Label		
Label		
Label		
Label		
Label		
Label		
Label		

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**Output :**

The screenshot shows a web browser window with the address bar displaying "localhost:1169/validationcontrol.aspx". The page contains a form with several input fields and associated error messages:

- Name:** An empty text box with the error message "please enter first name" in red text.
- userid:** A text box containing "a10".
- Age:** A text box containing "34" with the error message "Age must be between 15 to 30" in red text.
- password:** A text box containing "123".
- confirm password:** A text box containing "1234" with the error message "password not match" in red text.
- Mobile number:** A text box containing "asdf" with the error message "Enter 10 digits numbers only" in red text.
- EmailId:** A text box containing "asdf" with the error message "Invalid email" in red text.

Below the input fields is a "Submit" button. At the bottom of the page, there are seven "Label" placeholders arranged vertically.



# Advanced Web Programming With C#

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## Practical No.4(b)

**Problem Statement** : create WebForm to demonstrate use of Adrotator controls.

**Adrotator Control** :

**XML file:**

**XMLFile.xml:**

```
<?xml version="1.0" encoding="utf-8" ?>
<Advertisements>
  <Ad>
    <ImageUrl>http://localhost:2932/WebSite4/Images/Fi0D7FGJ_400x400.jpg</ImageUrl>
    <NavigateUrl>http://google.com</NavigateUrl>
    <Alternate-Text>please visit http://www.Google.com</Alternate-Text>
    <Impressions>15</Impressions>
  </Ad>
  <Ad>
    <ImageUrl>http://localhost:2932/WebSite4/Images/aQltRN9T.jpg</ImageUrl>
    <NavigateUrl>http://Utube.com</NavigateUrl>
    <Alternate-Text>please visit http://www.Utube.com</Alternate-Text>
    <Impressions>15</Impressions>
  </Ad>
  <Ad>
    <ImageUrl>http://localhost:2932/WebSite4/Images/fb_icon_325x325.png</ImageUrl>
    <NavigateUrl>http://facebook.com</NavigateUrl>
    <Alternate-Text>please visit http://www.facebook.com</Alternate-Text>
    <Impressions>15</Impressions>
  </Ad>
</Advertisements>
```

# Advanced Web Programming With C#

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## Source code :

### Default.aspx :

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

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:AdRotator ID="AdRotator1" runat="server"
                target="_blank" AdvertisementFile="~/XMLFile.xml"/>
        </div>
    </form>
</body>
</html>
```

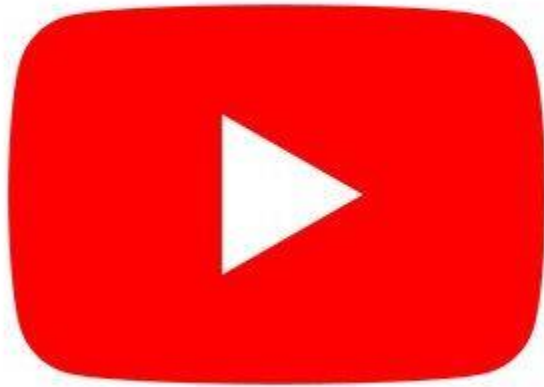
## Design :



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Output :



### Practical No.4(c)

**Problem statements** : -Create WebForm to demonstrate use User Controls.

### UserControl :

### Source Code :

## WebUserControl.ascx :

[illegible]

### WebUserControl.ascx .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 WebUserControl : System.Web.UI.UserControl
{
    protected void Page_Load(object sender, EventArgs e)
    {

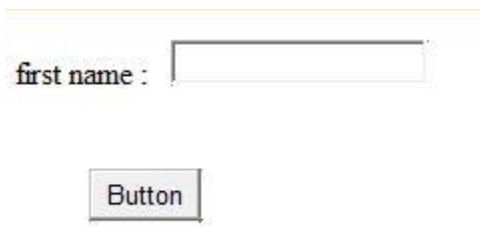
    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        Label1.Text = TextBox1.Text;
    }
}
```

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Design..... WebUsercontrol :



The image shows a design for a WebUserControl. It features a light yellow rectangular area. Inside this area, on the left, is the text "first name :". To the right of this text is a white rectangular text input field with a thin black border. Below the input field, centered horizontally, is a rectangular button with a grey gradient and the word "Button" in black text.

# Advanced Web Programming With C#

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## Source Code :

### Dafault.aspx :

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

```
<%@ Register src="WebUserControl.ascx" tagname="WebUserControl" tagprefix="uc1" %>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <uc1:WebUserControl ID="WebUserControl1" runat="server" />
        <div>

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

### **Design.....Dafault.aspx :**

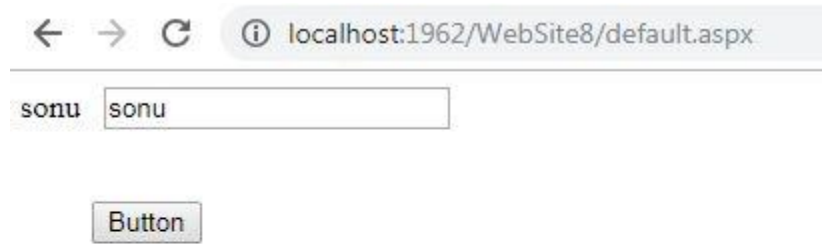


The screenshot shows the design view of the Default.aspx page. It features a text input field with the label "first name : " and a button labeled "Button".

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**Output :**



# Advanced Web Programming With C#

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## Practical No.5(a)

**Problem Statements** :-Create Web Form to demonstrate use of Website Navigation controls and Site Map

**SiteMap** :

**Web.sitemap** :

```
<?xml version="1.0" encoding="utf-8" ?>
<siteMap xmlns="http://schemas.microsoft.com/AspNet/SiteMap-File-1.0" >
  <siteMapNode url="Default2.aspx" title="Home" description="">
    <siteMapNode url="Default3.aspx" title="Second" description="" />
    <siteMapNode url="Default4.aspx" title="Third" description="" />
  </siteMapNode>
</siteMap>
```

**Source Code** :

**Default2.aspx** :

```
<% @ Page Language="C#" AutoEventWireup="true" CodeBehind="Default2.aspx.cs"
Inherits="sitemappath.Default2" %>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
  <title></title>
</head>
<body>
  <form id="form1" runat="server">
    <div>
      <asp:SiteMapPath ID="SiteMapPath1" runat="server" EnableTheming="False">
        </asp:SiteMapPath>
      </div>
      <asp:Menu ID="Menu1" runat="server" DataSourceID="SiteMapDataSource1">
        </asp:Menu>
      <asp:SiteMapDataSource ID="SiteMapDataSource1" runat="server" />
    </form>
  </body>
</html>
```



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## **Default3.aspx :**

```
<% @ Page Language="C#" AutoEventWireup="true" CodeBehind="Default3.aspx.cs"
Inherits="sitemappath.Default3" %>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:SiteMapPath ID="SiteMapPath1" runat="server" EnableTheming="False">
            </asp:SiteMapPath>
            <br/>Welcome to online store

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

## **Default4.aspx :**

```
<% @ Page Language="C#" AutoEventWireup="true" CodeBehind="Default4.aspx.cs"
Inherits="sitemappath.Default4" %>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:SiteMapPath ID="SiteMapPath1" runat="server">
            </asp:SiteMapPath>
            <br/>
            Hi welcome to Online shopping :Mobile
        </div>
    </form>
</body>
```

# Advanced Web Programming With C#

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</html>

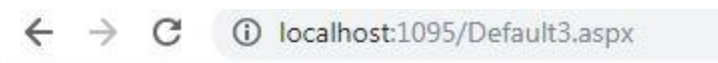
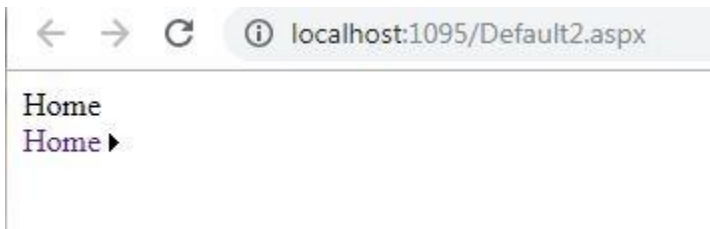
Design .....1)Default2.aspx 2)Default3.aspx 3) Default4.aspx



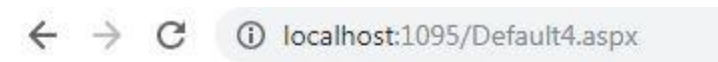
[Home](#) > Second  
Welcome to online store

[Home](#) > Third  
Hi welcome to Online shopping :Mobile

## **Output :**



[Home](#) > Second  
Welcome to online store



[Home](#) > Third  
Hi welcome to Online shopping :Mobile

# Advanced Web Programming With C#

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## Practical No.5(b)

**Problem statements** :-create a web application to demonstrate use of Master Page with applying styles and Themes for page beatification.

### **Stylesheet.css** :

```
body
{
    background-color:Yellow;
    font-family:Cambria;
    font-size:18px;
}
```

### **MasterPage.master** :

```
<% @ Master Language="C#" AutoEventWireup="true" CodeFile="MasterPage.master.cs"
Inherits="MasterPage" %>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <link href="StyleSheet.css" rel="stylesheet" type="text/css" />

    <asp:ContentPlaceHolder id="head" runat="server">
        </asp:ContentPlaceHolder>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:ContentPlaceHolder id="ContentPlaceHolder1" runat="server">

                </asp:ContentPlaceHolder>
            </div>
            <asp:ContentPlaceHolder ID="ContentPlaceHolder2" runat="server">
                </asp:ContentPlaceHolder>
            </form>
        </body>
    </html>
```

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## Source Code :

### Default.aspx :

```
<%@ Page Theme="SkinFile" Title="" Language="C#"
MasterPageFile="~/MasterPage.master" AutoEventWireup="true" CodeFile="Default.aspx.cs"
Inherits="_Default" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">
    <asp:Label ID="Label1" runat="server" Text="AWP"></asp:Label><br/>
</asp:Content>
<asp:Content ID="Content3" ContentPlaceHolderID="ContentPlaceHolder2" Runat="Server">
    <asp:Label ID="Label2" runat="server" Text="Java"></asp:Label><br/>
    <asp:Label ID="Label3" runat="server" Text="IOT"></asp:Label><br/>
    <asp:Button ID="Button1" runat="server" Text="Click" onclick="Button1_Click1" />
</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;

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

    }

    protected void Button1_Click1(object sender, EventArgs e)
    {
        Label3.Text = "student : sonu";
    }
}
```

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## SKINfile :

### SkinFile.skin :

<%--

Default skin template. The following skins are provided as examples only.

1. Named control skin. The SkinId should be uniquely defined because duplicate SkinId's per control type are not allowed in the same theme.

```
<asp:GridView runat="server" SkinId="gridviewSkin" BackColor="White" >  
  <AlternatingRowStyle BackColor="Blue" />  
</asp:GridView>
```

2. Default skin. The SkinId is not defined. Only one default control skin per control type is allowed in the same theme.

```
<asp:Image runat="server" ImageUrl="~/images/image1.jpg" />  
--%>  
<asp:Label runat="server" ForeColor="red" Font-Size="14px" Font-Name="Verdana"/>  
<asp:Button runat="server" Borderstyle="Solid" Border-Style="double" Borderwidth="20px"/>
```

## Design 1)..Masterpage....2) default.aspx



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**Output :**



## Practical No.5(c)

Pages.

**1) view state :**

**Source code :**

## viewstate.aspx :

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

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

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

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

&lt;title&gt;&lt;/title&gt;

&lt;/head&gt;

<body>

&lt;form id="form1" runat="server"&gt;

<div>

```
<asp:Label ID="Label1" runat="server" Text="View State Data : "></asp:Label>
```

```
<asp:Label ID="Label2" runat="server" Text="Label"></asp:Label>
```

  
  
[illegible]

```
<asp:Button ID="Button1" runat="server" onclick="Button1_Click"
```

```
Text="Get Data" />
```

</div>

# Advanced Web Programming With C#

---

## viewstate.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 viewstate : System.Web.UI.Page
{

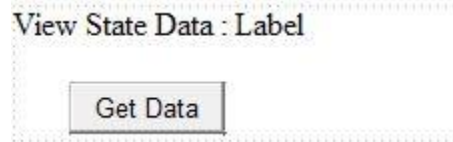
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {
            string str = "Vedshree Sambare";
            if (ViewState["num"] == null)
            {
                ViewState["num"] = str;
            }
        }
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        Label2.Text = ViewState["num"].ToString();
    }
}
```



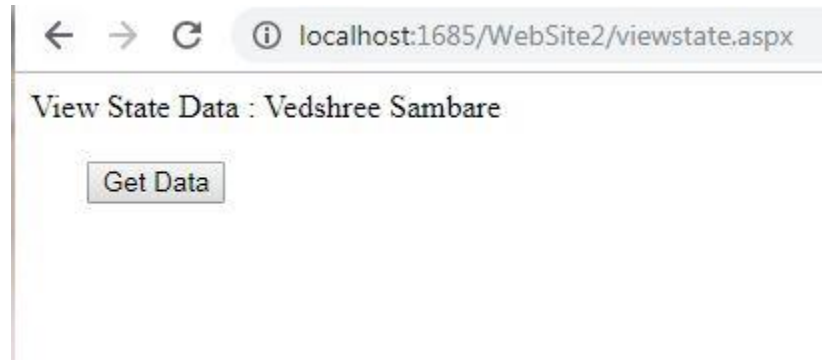
# Advanced Web Programming With C#

---

## Design :



## Output:





# Advanced Web Programming With C#

---

Design.....QueryString:

Query String Example :

UserId :

UserName :

**QueryString.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 QueryString : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {

    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        Response.Redirect("QueryString1.aspx?UserId=" + TextBox1.Text + "&UserName=" +
        TextBox2.Text);
    }
}
```

# Advanced Web Programming With C#

---

## Source Code :

### QueryString1.aspx :

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="QueryString1.aspx.cs"
Inherits="QueryString1" %>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<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="QueryString parameter Values in QueryString1.aspx Page :"></asp:Label>
            <br />
            <br />
            <asp:Label ID="Label2" runat="server" Text="UserId :"></asp:Label>
            &nbsp;<asp:Label ID="Label4" runat="server" Text="Label"></asp:Label>
            <br />
            <br />
            <asp:Label ID="Label3" runat="server" Text="UserName : "></asp:Label>
            &nbsp;<asp:Label ID="Label5" runat="server" Text="Label"></asp:Label>

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

### Design...QueryString1:

```
QueryString parameter Values in QueryString1.aspx Page :

UserId : Label

UserName : Label
```

# Advanced Web Programming With C#

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## QueryString1.aspx.cs :

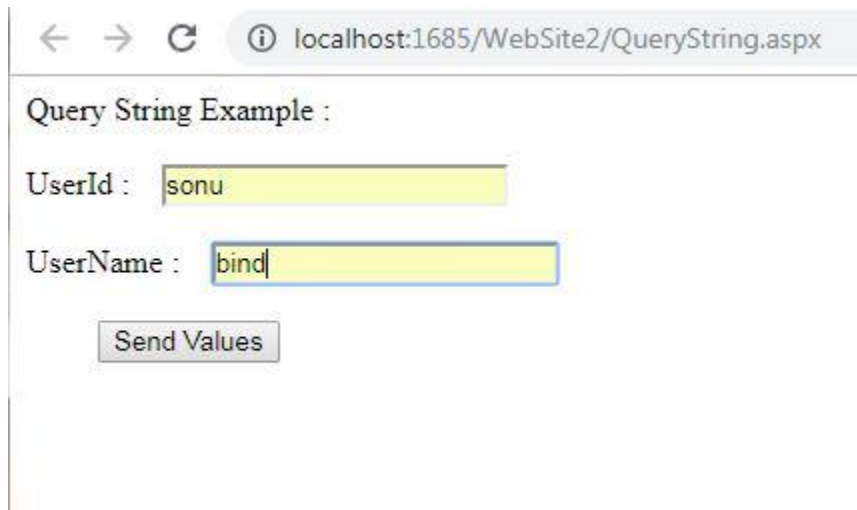
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class QueryString1 : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {
            Label4.Text = Request.QueryString["UserId"];
            Label5.Text = Request.QueryString["UserName"];
        }
    }
}
```

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## Output :



A screenshot of a web browser window. The address bar shows the URL `localhost:1685/WebSite2/QueryString.aspx`. The page content includes the text "Query String Example :". Below this, there are two input fields: "UserId : sonu" and "UserName : bind". A "Send Values" button is located below the input fields.



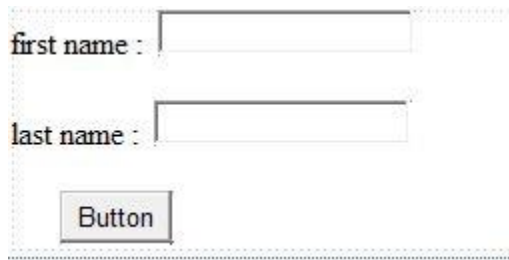
A screenshot of a web browser window. The address bar shows the URL `localhost:1685/WebSite2/QueryString1.aspx?UserId=sonu&UserName=bind`. The page content includes the text "QueryString parameter Values in QueryString1.aspx Page :". Below this, the values are displayed: "UserId : sonu" and "UserName : bind".



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**Design..Cookie :**



first name :

last name :

Button

**Cookie.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 Cookie : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {

    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        HttpCookie cookie=new HttpCookie("User Details");
        cookie["first name"]=TextBox1.Text;
        cookie["last name"] = TextBox2.Text;
        cookie.Expires = DateTime.Now.AddDays(30);
        Response.Cookies.Add(cookie);
        Response.Redirect("Cookie1.aspx");
    }
}
```



# Advanced Web Programming With C#

---

## Source code :

### Cookie1.aspx :

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="Cookie1.aspx.cs"
Inherits="Cookie1" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body text="last name : ">
    <form id="form1" runat="server">
        <div>

            <asp:Label ID="Label1" runat="server" Text="This is Cookie1 Page : "></asp:Label>
            <br />
            <br />
            <asp:Label ID="Label2" runat="server" Text="first name : "></asp:Label>
            &nbsp;
            <asp:Label ID="Label4" runat="server" Text="Label"></asp:Label>
            <br />
            <br />
            <asp:Label ID="Label3" runat="server" Text="last name : "></asp:Label>
            &nbsp;
            <asp:Label ID="Label5" runat="server" Text="Label"></asp:Label>

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

### Design....Cookie1 :



The screenshot shows the design view of the Cookie1.aspx page. It displays a form with the following elements:

- A label "This is Cookie1 Page : " followed by a text box.
- A label "first name : " followed by a text box labeled "Label".
- A label "last name : " followed by a text box labeled "Label".

# Advanced Web Programming With C#

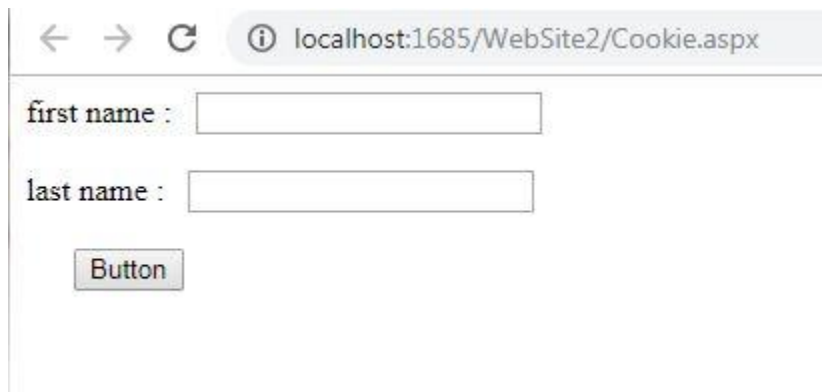
---

## Cookie1.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 Cookie1 : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        HttpCookie cookie = Request.Cookies["User Details"];
        if (cookie != null)
        {
            Label4.Text = cookie["first name"];
            Label5.Text = cookie["last name"];
        }
    }
}
```

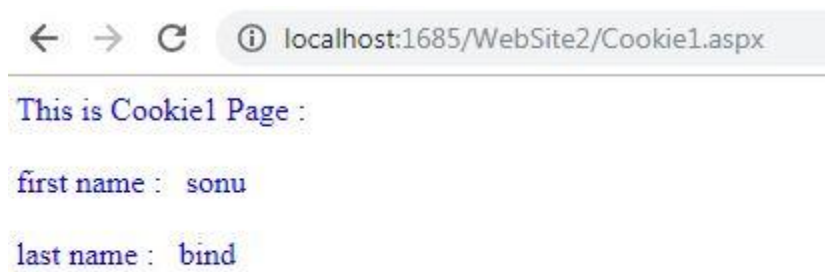
## Output :



first name :

last name :

Button



← → ↻ ⓘ localhost:1685/WebSite2/Cookie1.aspx

This is Cookie1 Page :

first name : sonu

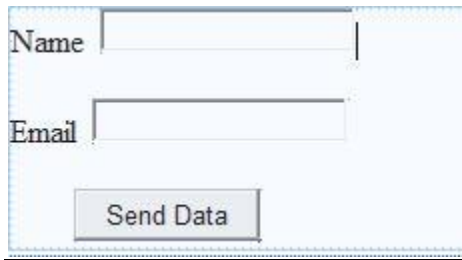
last name : bind



# Advanced Web Programming With C#

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## Design ....Default



The screenshot shows a web form with a light blue background. At the top, there is a text input field labeled 'Name'. Below it is another text input field labeled 'Email'. At the bottom of the form is a button labeled 'Send Data'.

### 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)
    {

    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        Session["Name"] = TextBox1.Text;
        Session["Email"] = TextBox2.Text;
        Response.Redirect("WebForm.aspx");
    }
}
```



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**webForm.aspx.cs** :

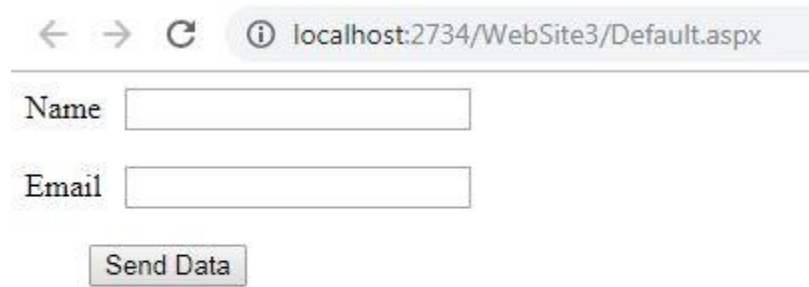
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class webForm : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if (Session["Name"] != null)
        {
            Label1.Text = Session["Name"].ToString();
        }
        if (Session["Email"] != null)
        {
            Label2.Text = Session["Email"].ToString();
        }
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
    }
}
```

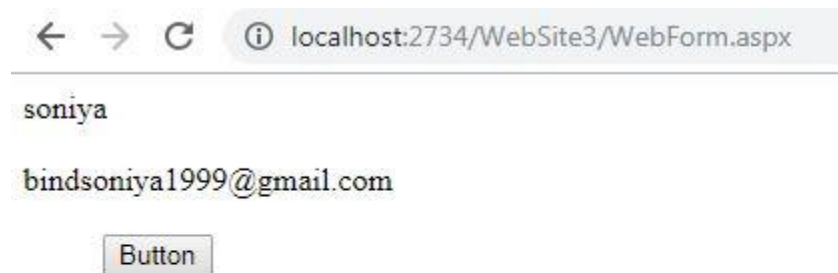
# Advanced Web Programming With C#

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## Output :



A screenshot of a web browser window. The address bar shows 'localhost:2734/WebSite3/Default.aspx'. Below the address bar, there is a form with two text input fields labeled 'Name' and 'Email'. Below these fields is a button labeled 'Send Data'.



A screenshot of a web browser window. The address bar shows 'localhost:2734/WebSite3/WebForm.aspx'. Below the address bar, the text 'soniya' is displayed. Below 'soniya', the text 'bindsoniya1999@gmail.com' is displayed. Below this text is a button labeled 'Button'.





# Advanced Web Programming With C#

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## Design...webform1



The screenshot shows a web form with a light blue background. At the top, there is a label 'Name : ' followed by a text input box. Below this, there is a label 'Email : ' followed by another text input box. At the bottom of the form, there is a button with the text 'Send Data'.

### webform1.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 webform1 : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {

    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        Application["Name"] = TextBox1.Text;
        Application["Email"] = TextBox2.Text;
        Response.Redirect("WebForm2.aspx");
    }
}
```



# Advanced Web Programming With C#

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## webform2.aspx.cs

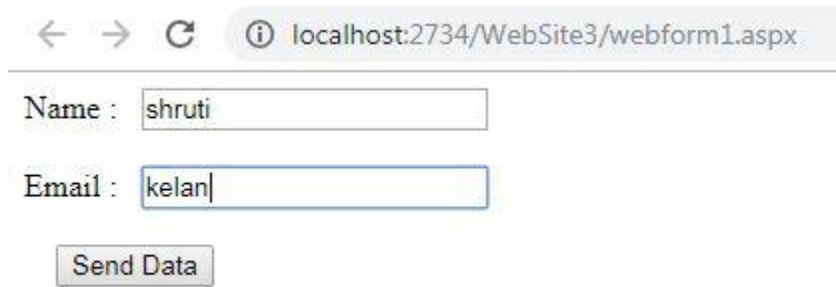
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class webform2 : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if (Application["Name"] != null)
        {
            Label1.Text = Application["Name"].ToString();
        }
        if (Application["Email"] != null)
        {
            Label2.Text = Application["Email"].ToString();
        }
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
    }
}
```

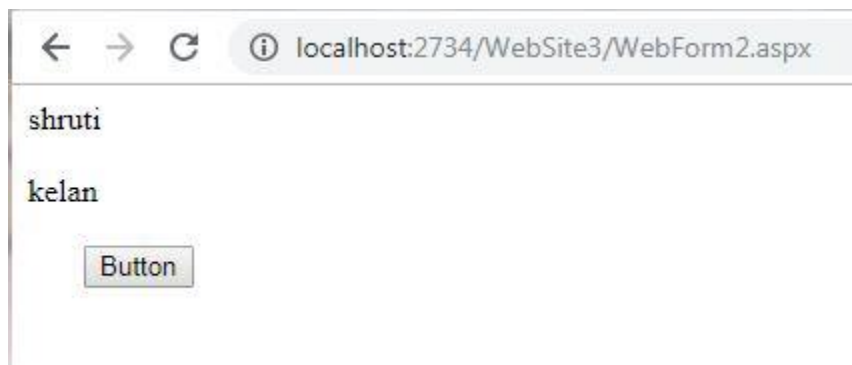
# Advanced Web Programming With C#

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## Output :



A screenshot of a web browser window. The address bar shows the URL `localhost:2734/WebSite3/webform1.aspx`. Below the address bar, there is a form with two text input fields. The first field is labeled "Name :" and contains the text "shruti". The second field is labeled "Email :" and contains the text "kelan". Below these fields is a button labeled "Send Data".



A screenshot of a web browser window. The address bar shows the URL `localhost:2734/WebSite3/WebForm2.aspx`. The page content displays the text "shruti" and "kelan" stacked vertically. Below the text is a button labeled "Button".