

Name : Bhargavi Pradhan

Class : TYBSc IT

Sem : V

Roll No. : 22032

Date : 29.07.2024

Advanced Web Development

Practical 3

a. Aim : Create a simple web page with various server controls to demonstrate setting and use of their properties. (Example : AutoPostBack)

Code :

```
<% @ Page Title="Home Page" Language="C#"
MasterPageFile="~/Site.master" AutoEventWireup="true"
CodeBehind="Default.aspx.cs" Inherits="WebApplication3._Default" %>

<asp:Content ID="HeaderContent" runat="server"
ContentPlaceHolderID="HeadContent">

</asp:Content>

<asp:Content ID="BodyContent" runat="server"
ContentPlaceHolderID="MainContent">

    <h2>

        Welcome to ASP.NET!

    </h2><br />

        Enter your name :

        <asp:TextBox ID="TextBox1" runat="server"
AutoPostBack="True"></asp:TextBox><br /><br />

        Enter your age :

        <asp:TextBox ID="TextBox2" runat="server"
AutoPostBack="True"></asp:TextBox>

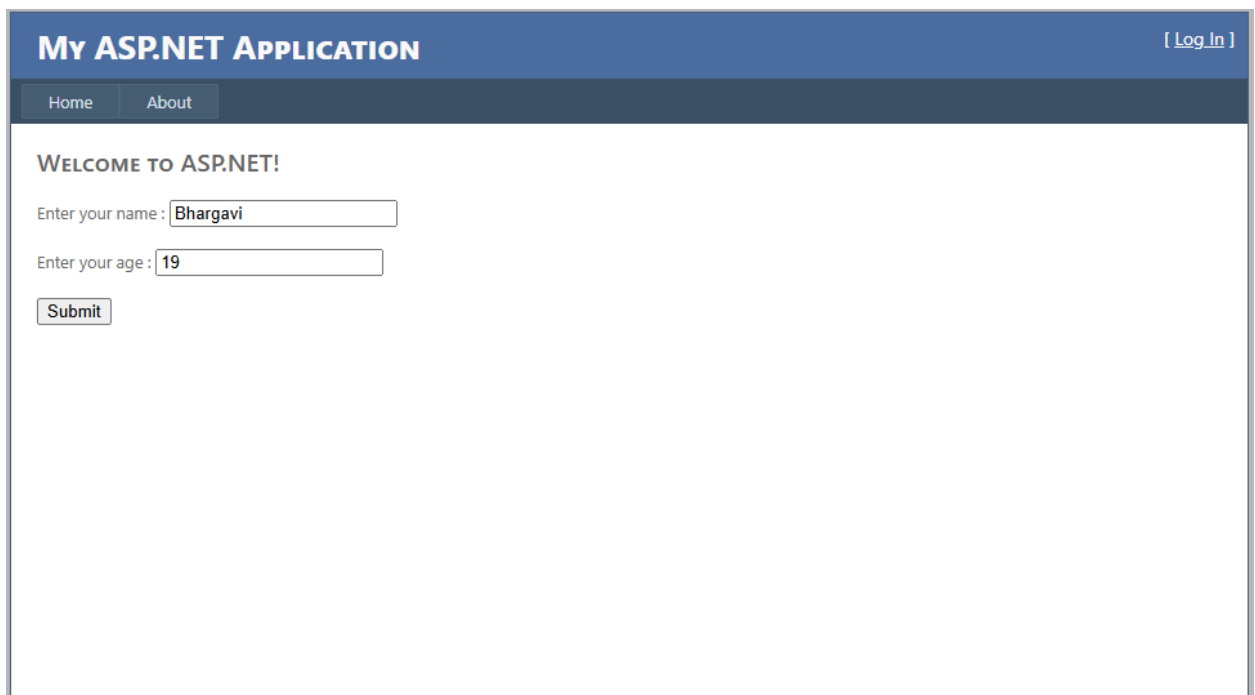
    <br /><br />
```

```
<asp:Button ID="Button1" runat="server" Text="Submit" />

</p>

</asp:Content>
```

Output :



The screenshot displays a web application interface. At the top, a blue header bar contains the text "My ASP.NET APPLICATION" on the left and a "[Log In]" link on the right. Below the header is a dark blue navigation bar with two buttons: "Home" and "About". The main content area is white and features the heading "WELCOME TO ASP.NET!". Below this heading are two input fields: "Enter your name :" with the value "Bhargavi" and "Enter your age :" with the value "19". A "Submit" button is positioned below the age input field.

b. Aim : Create a simple application to demonstrate your vacation using calendar control.

Code :

Default.aspx

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

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
    <head id="Head1" runat="server">
        <title></title>
    </head>
    <body>
        <form id="form1" runat="server">
            <div>
                <asp:Calendar ID="Calendar1" runat="server"
OnSelectionChanged="Calendar1_SelectionChanged"
OnDayRender="Calendar1_DayRender"></asp:Calendar>

                <asp:Calendar ID="Calendar2" runat="server"></asp:Calendar>

                <br />

                <asp:Label ID="Label1" runat="server" Text="No of days is :
"></asp:Label>

                &nbsp;

                <asp:Button ID="Button1" runat="server" OnClick="Button1_Click"
Text="Button" />
            </div>
        </form>
    </body>
</html>
```

```
</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 calendar

{

    public partial class _Default : System.Web.UI.Page

    {

        protected void Page_Load(object sender, EventArgs e)

        {

        }

        protected void Calendar1_SelectionChanged(object sender, EventArgs e)

        {

        }

    }

}
```

```

    }

    protected void Calendar1_DayRender(object sender, DayRenderEventArgs
e)
    {
        if (e.Day.Date.Day == 15)
            e.Cell.Controls.Add(new LiteralControl("</br>Independence Day"));

        if ((e.Day.Date >= new DateTime(2024, 8, 1)) && (e.Day.Date <= new
DateTime(2024, 8, 15)))
        {
            e.Cell.BackColor = System.Drawing.Color.Yellow;
            e.Cell.BorderColor = System.Drawing.Color.Red;
            e.Cell.BorderWidth = new Unit(5);
            if (e.Day.IsOtherMonth)
            {
                e.Cell.Controls.Clear();
            }
        }
    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        TimeSpan t = Calendar2.SelectedDate - Calendar1.SelectedDate;
        Label1.Text += t.Days.ToString();
    }
}

```

Output :

August 2024						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15 Independence Day	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1
2	3	4	5	6	7	8

August 2024						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
29	30	31	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

No of days is : 10