

Practical 3B): Write the following program.

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>
```

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)
```

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```
{
    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