Practical No 03

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

GUI:

JASMINA & TANVI

Enter Name :

Enter Age :

Select Gender
  ○ Male
  ○ Female

Select Hobbies
  ☐ Reading
  ☐ Dancing
  ☐ Playing

asp:image#Image1

Mumbai
Goa
Delhi

Select City :

Program Code:
.aspx

```
<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
<title></title>
</head>
<body>
<form id="form1" runat="server">
<div>
        JASMINA &amp; TANVI<br />
<br />
        Enter Name :<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
<br />
<br />
        Enter Age :<asp:TextBox ID="TextBox2" runat="server" Width="36px"></asp:TextBox>
<br />
<br />
<br />
        Select Gender<asp:RadioButtonList ID="RadioButtonList1" runat="server">
<asp:ListItem>Male</asp:ListItem>
<asp:ListItem>Female</asp:ListItem>
</asp:RadioButtonList>
```

```
<br />
        Select Hobbies<asp:CheckBoxList ID="CheckBoxList1" runat="server">
<asp:ListItem>Reading</asp:ListItem>
<asp:ListItem>Dancing</asp:ListItem>
<asp:ListItem>Playing</asp:ListItem>
</asp:CheckBoxList>
<br />
<asp:Image ID="Image1" runat="server" Height="367px" ImageUrl="~/Sunflower image.jfif"
Width="267px" />
<br />
<br />
<br />
        Select City :<asp:ListBox ID="ListBox1" runat="server">
<asp:ListItem>Mumbai</asp:ListItem>
<asp:ListItem>Goa</asp:ListItem>
<asp:ListItem>Delhi</asp:ListItem>
</asp:ListBox>
<br />
<br />
        Select Country :
<asp:DropDownList ID="DropDownList1" runat="server">
<asp:ListItem>India</asp:ListItem>
<asp:ListItem>London</asp:ListItem>
<asp:ListItem>USA</asp:ListItem>
</asp:DropDownList>
<br />
<br />
<asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Display" />
<br />
<br />
<asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>
<br />
<asp:Label ID="Label2" runat="server" Text="Label"></asp:Label>
<br />
<asp:Label ID="Label3" runat="server" Text="Label"></asp:Label>
<br />
<asp:Label ID="Label4" runat="server" Text="Label"></asp:Label>
<br />
<asp:Label ID="Label5" runat="server" Text="Label"></asp:Label>
<br />
<asp:Label ID="Label6" runat="server" Text="Label"></asp:Label>
</div>
</form>
</body>
```

</html>

.aspx.cs

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

namespace practical3_a
{
    public partial class WebForm1 :System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            Label1.Text = TextBox1.Text;
            Label2.Text = TextBox2.Text;
            Label3.Text = RadioButtonList1.SelectedValue;
            Label4.Text = CheckBoxList1.SelectedValue;
            Label5.Text = ListBox1.SelectedItem.Value;
            Label6.Text = DropDownList1.SelectedItem.Value;


        }
    }
}
```


Output:

https://localhost:44328/WebForm1.aspx

JASMINA & TANVI

Enter Name : Aditi

Enter Age : 20

Select Gender
- ○ Male
- ● Female

Select Hobbies
- ☐ Reading
- ☐ Dancing
- ☑ Playing

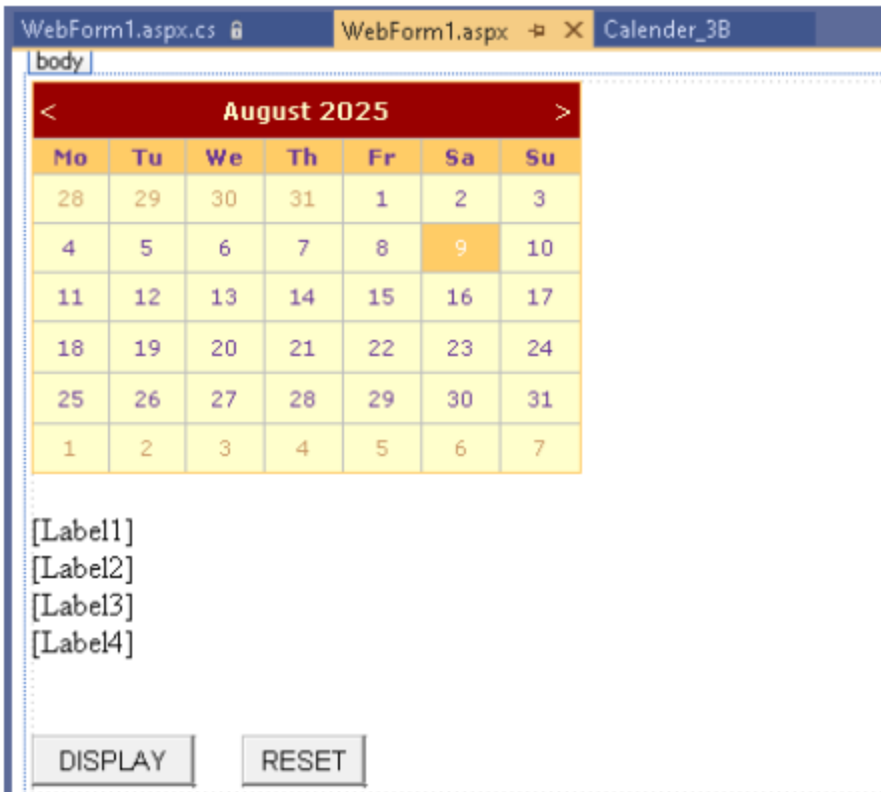Select City :

Mumbai
Goa
Delhi

Select Country : London

Display

Aditi
20
Female
Playing
Goa
London

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

GUI:

Program Code:

.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="Calender_3B.WebForm1" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
<title></title>
</head>
<body>
<form id="form1" runat="server">
<div>
<asp:Calendar ID="Calendar" runat="server" BackColor="#FFFFCC"
BorderColor="#FFCC66"
BorderWidth="1px" DayNameFormat="Shortest" Font-Names="Verdana" FontSize="8pt"
ForeColor="#663399" Height="200px" OnDayRender="Calendar_DayRender"
OnSelectionChanged="Calendar_SelectionChanged" Width="280px" Font-Size="8pt"
ShowGridLines="True">
<DayHeaderStyle BackColor="#FFCC66" Height="1px" Font-Bold="True" />
<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 />
</div>
<asp:Label ID="Label1" runat="server"></asp:Label>
<br />
<asp:Label ID="Label2" runat="server"></asp:Label>
<br />
<asp:Label ID="Label3" runat="server"></asp:Label>
<br />
<asp:Label ID="Label4" runat="server"></asp:Label>
<br />
<br />
<br />
<asp:Button ID="btnDisplay" runat="server" OnClick="btnDisplay_Click" Text="DISPLAY" />
     
<asp:Button ID="btnReset" runat="server" OnClick="Button2_Click" Text="RESET" />
<br />
</form>
</body>
</html>
```

.asps.cs
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
namespace Calender_3B
{
public partial class WebForm1 : System.Web.UI.Page
{
protected void Calendar_SelectionChanged(object sender, EventArgs e)
{
Label1.Text = "You have selected " + Calendar.SelectedDate.ToString();
}
protected void btnDisplay_Click(object sender, EventArgs e)
{
Calendar.Caption = " It's my calender";
```

```csharp
Calendar.TitleFormat = TitleFormat.MonthYear;
Calendar.NextPrevFormat = NextPrevFormat.FullMonth;
Calendar.FirstDayOfWeek = FirstDayOfWeek.Monday;
Label2.Text = "Today's Date: " + Calendar.TodaysDate.ToShortDateString();
TimeSpan d = new DateTime(2025, 8, 27) - DateTime.Now;
Label3.Text = "Days Remaining: " + d.Days.ToString();
TimeSpan b = new DateTime(2025, 1, 1) - DateTime.Now;
Label4.Text = "Days Remaining: " + b.Days.ToString();
}
protected void Calendar_DayRender(object sender, DayRenderEventArgs e)
{
if (e.Day.Date.Day == 5 && e.Day.Date.Month == 9)
{
e.Cell.BackColor = System.Drawing.Color.Crimson;
Label l6 = new Label();
l6.Text = "<br>Teacher's Day!!";
e.Cell.Controls.Add(l6);
}
if (e.Day.Date.Day == 27 && e.Day.Date.Month == 8)
{
Calendar.SelectedDate = new DateTime(2023, 9, 19);
Calendar.SelectedDates.SelectRange(Calendar.SelectedDate,
Calendar.SelectedDate.AddDays(10));
Label l7 = new Label();
l7.Text = "<br>Bappa Morya!!";
e.Cell.Controls.Add(l7);
Image g1 = new Image();
g1.ImageUrl = "bappa.jpg";
g1.Height = 30;
g1.Width = 30;

e.Cell.Controls.Add(g1);
}
}
protected void Button2_Click(object sender, EventArgs e)
{
Label1.Text = " ";
Label2.Text = " ";
Label3.Text = " ";
Label4.Text = " ";
Calendar.SelectedDates.Clear();
        }
    }
}
```

Output:

c) Demonstrate the use of treeview operations on the web form.

GUI:
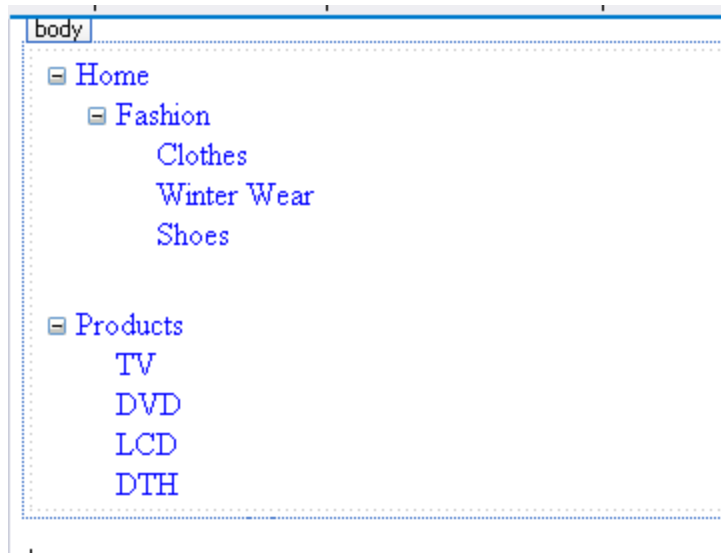
Program Code:

.aspx (Parent Node)

```
<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">
                <Nodes>
                    <asp:TreeNode Text="Home" Value="Home">
                        <asp:TreeNode Text="Fashion" Value="Fashion"
NavigateUrl="~/Fashion.aspx">
                            <asp:TreeNode Text="Clothes" Value="Clothes"></asp:TreeNode>
                            <asp:TreeNode Text="Winter Wear" Value="Winter
Wear"></asp:TreeNode>
                            <asp:TreeNode Text="Shoes" Value="Shoes"></asp:TreeNode>
                        </asp:TreeNode>
                    </asp:TreeNode>
                </Nodes>
            </asp:TreeView>
            <br />
            <asp:TreeView ID="TreeView2" runat="server">
                <Nodes>
                    <asp:TreeNode Text="Products" Value="Products">
                        <asp:TreeNode Text="TV" Value="TV"></asp:TreeNode>
                        <asp:TreeNode Text="DVD " Value="DVD "></asp:TreeNode>
                        <asp:TreeNode Text="LCD" Value="LCD"
NavigateUrl="~/LCD.aspx"></asp:TreeNode>
                        <asp:TreeNode Text="DTH" Value="DTH"></asp:TreeNode>
                    </asp:TreeNode>
                </Nodes>
            </asp:TreeView>
        </div>
    </form>
</body>
```

```html
</html>
```

.aspx (Child Node)

```html
<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Image ID="Image1" runat="server" ImageUrl="~/LCDs (1).jpeg"
Width="297px" />
        </div>
    </form>
</body>
</html>
```

Output:

https://localhost:44333/WebForm1.aspx

```
⊟ Home
    ⊟ Fashion
            Clothes
            Winter Wear
            Shoes

    ⊟ Products
        TV
        DVD
        LCD
        DTH
```

https://localhost:44333/LCD.aspx