CSWP for Boxing and Unboxing

Front code:

```
<form id="form1" runat="server">
    <div>
        <asp:Button ID="ButtonBoxUnbox" runat="server" Text="Box and Unbox"
OnClick="ButtonBoxUnbox_Click" />
        <br/>
        <br/>
        <br/>
        <asp:Label ID="LabelBoxed" runat="server" Text=""></asp:Label>
        <br/>
        <asp:Label ID="LabelUnboxed" runat="server" Text=""></asp:Label>
        </div>
    </form>
```

Backend Code:

```
protected void ButtonBoxUnbox_Click(object sender, EventArgs e)
{
   int valueType = 123;
   object boxedValue = valueType;

LabelBoxed.Text = "Boxed value (stored as object): " + boxedValue.ToString();
   int unboxedValue = (int)boxedValue;

LabelUnboxed.Text = "Unboxed value (cast back to int): " + unboxedValue;
}
```

CSWP for count no of visitor visting an application

Application["x"] = Convert.ToInt32(Application["x"]) + 1;

Label1.Text = Application["x"].ToString();// to use when to count all users as one

Front end:

}

```
<form id="form1" runat="server">
   <asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>
   <br />
   <br />
   <br />
   <br />
   <asp:Button ID="Button1" runat="server" Height="21px" OnClick="Button1_Click" Text="Button"</pre>
/>
   <br />
   <div>
   </div>
 </form>
Backend:
  protected void Button1_Click(object sender, EventArgs e)
  {
    ViewState["x"] = Convert.ToInt32(ViewState["x"])+1;
    Label1.Text = ViewState["x"].ToString();// Using when to get different users
```

CSWP for Country Code And Two Group Of RadioDDI

Front End Code:

```
<form id="form1" runat="server">
  <div>
    <asp:RadioButton ID="RadioButton1" runat="server" AutoPostBack="True" Font-Names="Curlz
MT" GroupName="Fonts" OnCheckedChanged="RadioButton1_CheckedChanged" Text="Curlz MT"
/>
    <asp:RadioButton ID="RadioButton2" runat="server" AutoPostBack="True" Font-
Names="Colonna MT" GroupName="Fonts" OnCheckedChanged="RadioButton1_CheckedChanged"
Text="Colonna MT" />
    <asp:RadioButton ID="RadioButton3" runat="server" AutoPostBack="True" Font-Names="Gill
Sans MT Ext Condensed Bold" GroupName="Fonts"
OnCheckedChanged="RadioButton1_CheckedChanged" Text="Gill Sans MT Ext Condensed Bold" />
    <br />
    <br />
    <br />
    <asp:RadioButton ID="RadioButton4" runat="server" AutoPostBack="True" GroupName="Size"</pre>
OnCheckedChanged="RadioButton4_CheckedChanged" Text="10" />
    <asp:RadioButton ID="RadioButton5" runat="server" AutoPostBack="True" GroupName="Size"
OnCheckedChanged="RadioButton4" CheckedChanged Text="30" />
    <asp:RadioButton ID="RadioButton6" runat="server" AutoPostBack="True" GroupName="Size"</pre>
OnCheckedChanged="RadioButton4 CheckedChanged" Text="50" />
    <br />
    <br />
    <br />
    <asp:Label ID="Label1" runat="server" Font-Names="Curlz MT" Text="Hello"
Friends"></asp:Label>
    <br />
    <br />
    <asp:DropDownList ID="DropDownList1" runat="server" AutoPostBack="True"</pre>
OnSelectedIndexChanged="DropDownList1_SelectedIndexChanged">
      <asp:ListItem Value="91">IND</asp:ListItem>
      <asp:ListItem Value="98">CHI</asp:ListItem>
```

```
<asp:ListItem Value="100">BAN</asp:ListItem>
</asp:DropDownList>
<br/>
<br/>
<br/>
<br/>
<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
<br/>
<br/>
</div>
```

Backend Code:

```
protected void RadioButton1_CheckedChanged(object sender, EventArgs e)
{
    Label1.Font.Name = ((RadioButton)sender).Text;
}

protected void RadioButton4_CheckedChanged(object sender, EventArgs e)
{
    Label1.Font.Size = Convert.ToInt32( ((RadioButton)sender).Text );
}

protected void DropDownList1_SelectedIndexChanged(object sender, EventArgs e)
{
    TextBox1.Text = DropDownList1.SelectedValue.ToString();
}
```

CSWP For disconnented data access in grid view

```
<form id="form1" runat="server">
  <div>
    <asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="True">
    </asp:GridView>
    <br />
    <br />
    <br />
  </div>
</form>
Back End:
  public partial class WebForm1 : System.Web.UI.Page
  {
    string con = ConfigurationManager.ConnectionStrings["AspConnectionString"].ConnectionString;
    protected void Page_Load(object sender, EventArgs e)
      if (!IsPostBack)
        BindGridView();
      }
    }
    private void BindGridView()
    {
```

```
SqlConnection conn = new SqlConnection(con);
      try
      {
        string query = "SELECT * FROM tbl_student";
        SqlDataAdapter da = new SqlDataAdapter(query, conn);
        DataSet ds = new DataSet();
        da.Fill(ds);
        GridView1.DataSource = ds;
        GridView1.DataBind();
      }
      catch (Exception ex)
      {
        Response.Write("Error: " + ex.Message);
      }
    }
 }
}
```

CSWP to Create Master Page with Indian Culture

```
<html>
<head runat="server">
<title>Indian Culture Web Application</title>
```

```
<asp:ContentPlaceHolder ID="head" runat="server">
 </asp:ContentPlaceHolder>
</head>
<body>
 <header>
   <h1 style="text-align: center;">Welcome to Indian Culture</h1>
   <nav>
     style="display:inline; margin-right: 20px;"><a href="Home.aspx">Home</a>
       <|ii style="display:inline; margin-right: 20px;"><a href="Festivals.aspx">Festivals</a>
       style="display:inline; margin-right: 20px;"><a href="Cuisine.aspx">Cuisine</a>
       <a href="Art.aspx">Art</a>
     </nav>
 </header>
   <main>
   <asp:ContentPlaceHolder id="MainContent" runat="server"></asp:ContentPlaceHolder>
 </main>
 <footer>
   © 2024 Indian Culture. All rights reserved.
 </footer>
</body>
</html>
Home.aspx
<asp:Content ID="Content1" ContentPlaceHolderID="MainContent" runat="server">
 <h2>Welcome to the Incredible Culture of India</h2>
 India is a country with a rich heritage, diverse traditions, and vibrant culture.
 Explore the various facets of Indian culture, including its festivals, cuisine, and art forms.
```

```
</asp:Content>
Festivals.aspx
<asp:Content ID="Content1" ContentPlaceHolderID="MainContent" runat="server">
 <h2>Festivals of India</h2>
 India is known for its colorful and vibrant festivals celebrated throughout the year. Some of the
most famous festivals are:
 Diwali - The Festival of Lights
   Holi - The Festival of Colors
   Urga Puja - Celebrating Goddess Durga
   Eid - A day of celebration and prayer
   Christmas - Celebrating the birth of Jesus Christ
 </asp:Content>
Cuisine.aspx:
<asp:Content ID="Content1" ContentPlaceHolderID="MainContent" runat="server">
 <h2>Indian Cuisine</h2>
 Indian cuisine is a delightful fusion of flavors, spices, and cooking techniques. Some popular
Indian dishes include:
 Biryani
   Butter Chicken
   Paneer Tikka
   Samosa
   Masala Dosa
 </asp:Content>
Art.aspx:
<asp:Content ID="Content1" ContentPlaceHolderID="MainContent" runat="server">
 <h2>Indian Art</h2>
 India has a rich tradition of art and craft. Some renowned Indian art forms are:
```

```
            Adhubani Painting
            Tanjore Painting
            Art
            Pattachitra

            Content>
```

CSWP for Server Controls all controls such as checkbox radio button and many more:

Frontend code:

```
<body>
  <form id="form1" runat="server">
    <div>
      <asp:ListBox ID="ListBox1" runat="server">
        <asp:ListItem>item1</asp:ListItem>
        <asp:ListItem>item2</asp:ListItem>
        <asp:ListItem>item3</asp:ListItem>
        <asp:ListItem>item4</asp:ListItem>
        <asp:ListItem>item5</asp:ListItem>
        <asp:ListItem>item6</asp:ListItem>
        <asp:ListItem>item7</asp:ListItem>
      </asp:ListBox>
      <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Button" />
      <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
      <br />
      <br />
      <asp:DropDownList ID="DropDownList1" runat="server" AutoPostBack="True"</pre>
OnSelectedIndexChanged="DropDownList1_SelectedIndexChanged">
        <asp:ListItem>item1</asp:ListItem>
```

```
<asp:ListItem>item3</asp:ListItem>
        <asp:ListItem>item4</asp:ListItem>
        <asp:ListItem>item5</asp:ListItem>
        <asp:ListItem>item6</asp:ListItem>
        <asp:ListItem>item7</asp:ListItem>
      </asp:DropDownList>
      <asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>
      <br />
      <br />
      <asp:DropDownList ID="DropDownList2" runat="server" AutoPostBack="True"</pre>
OnSelectedIndexChanged="DropDownList2_SelectedIndexChanged">
        <asp:ListItem>10</asp:ListItem>
        <asp:ListItem>20</asp:ListItem>
        <asp:ListItem>30</asp:ListItem>
        <asp:ListItem>40</asp:ListItem>
        <asp:ListItem>50</asp:ListItem>
        <asp:ListItem>60</asp:ListItem>
      </asp:DropDownList>
      <br />
      <br />
      <br />
      <br />
      <asp:Image ID="Image1" runat="server" ImageUrl="~/p1.jpg" Width="100px" />
      <br />
      <br />
      <br />
       <asp:Label ID="Label2" runat="server" Text="Hello Friends"></asp:Label><br />
      <br />
      <br />
      <asp:CheckBox ID="CheckBox2" runat="server" Text="Bold"
OnCheckedChanged="CheckBox2_CheckedChanged" AutoPostBack="True" />
      <br />
```

<asp:ListItem>item2</asp:ListItem>

```
<asp:CheckBox ID="CheckBox1" runat="server"
OnCheckedChanged="CheckBox1_CheckedChanged" Text="UnderLine" AutoPostBack="True" />
 
      <asp:CheckBox ID="CheckBox3" runat="server" Text="Italic"
OnCheckedChanged="CheckBox3_CheckedChanged" AutoPostBack="True" />
      <br />
      <asp:RadioButton ID="RadioButton1" runat="server" Text="RED" AutoPostBack="True"</pre>
GroupName="Color" OnCheckedChanged="RadioButton1_CheckedChanged" />
      <asp:RadioButton ID="RadioButton2" runat="server" Text="Green" AutoPostBack="True"</pre>
GroupName="Color" OnCheckedChanged="RadioButton2_CheckedChanged" />
      <br />
      <br />
      <br />
    </div>
  </form>
Backend code:
public partial class WebForm1: System.Web.UI.Page
{
  protected void Page_Load(object sender, EventArgs e)
  {
    if (!IsPostBack)
    {
      UpdateLabelStyle();
    }
  }
  protected void Button1_Click(object sender, EventArgs e)
    TextBox1.Text = ListBox1.SelectedValue;
  }
```

```
protected void DropDownList1_SelectedIndexChanged(object sender, EventArgs e)
{
  Label1.Text = DropDownList1.SelectedValue.ToString();
}
protected void DropDownList2_SelectedIndexChanged(object sender, EventArgs e)
  Label1.Font.Size = Convert.ToInt32(DropDownList2.SelectedValue);
}
protected void CheckBox1_CheckedChanged(object sender, EventArgs e)
{
  if (CheckBox1.Checked)
    Label2.Font.Underline = true;
  }
  else
    Label2.Font.Underline = false;
  }
}
protected void CheckBox2_CheckedChanged(object sender, EventArgs e)
{
  if (CheckBox2.Checked)
  {
    Label2.Font.Bold = true;
  }
  else
    Label2.Font.Bold = false;
  }
```

```
}
  protected void CheckBox3_CheckedChanged(object sender, EventArgs e)
  {
    if (CheckBox3.Checked)
    {
      Label2.Font.Italic = true;
    }
    else
      Label2.Font.Italic = false;
    }
  }
  protected void RadioButton1_CheckedChanged(object sender, EventArgs e)
    Label2.ForeColor = System.Drawing.Color.Red;
  }
  protected void RadioButton2_CheckedChanged(object sender, EventArgs e)
    Label2.ForeColor = System.Drawing.Color.Green;
  }
}
```

<u>Create a simple application for Furniture class with 3 data members:</u>

Front end code:

```
<body>
<form id="form1" runat="server">
<div>
```

```
<asp:ListBox ID="ListBox1" runat="server" Height="238px" Width="93px"></asp:ListBox>
 
      <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Show Info" />
      <br />
      <br />
      <asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>
      <br />
      <asp:Label ID="Label2" runat="server" Text="Label"></asp:Label>
      <br />
    </div>
  </form>
</body>
Backend Code:
    protected void Page_Load(object sender, EventArgs e)
    {
      if (!IsPostBack)
      {
        Session["s1"] = new Furniture("chair1", "xyz1", "1001");
        Session["s2"] = new Furniture("chair2", "xyz2", "1002");
        Session["s3"] = new Furniture("chair3", "xyz3", "1003");
        ListBox1.Items.Add((((Furniture)Session["s1"]).name));
        ListBox1.Items.Add((((Furniture)Session["s2"]).name));
        ListBox1.Items.Add((((Furniture)Session["s3"]).name));
      }
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
```

```
if (ListBox1.SelectedIndex != -1)
    {
      if(ListBox1.SelectedIndex == 0)
      {
         Label1.Text = ((Furniture)Session["s1"]).manu;
         Label2.Text = ((Furniture)Session["s1"]).cost;
      }
      else if (ListBox1.SelectedIndex == 1)
      {
         Label1.Text = ((Furniture)Session["s2"]).manu;
         Label2.Text = ((Furniture)Session["s2"]).cost;
      }
      else if (ListBox1.SelectedIndex == 2)
         Label1.Text = ((Furniture)Session["s3"]).manu;
         Label2.Text = ((Furniture)Session["s3"]).cost;
      }
    }
  }
class Furniture
  public string name;
  public string manu;
  public string cost;
  public Furniture(string name, string manu, string cost)
  {
    this.name = name;
    this.manu = manu;
```

```
this.cost = cost;
}
}
```

CSWP For Fibonacci series and test of prime number

```
<body>
  <form id="form1" runat="server">
  <div>
    Enter Number:
    <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
    <br />
    <br />
    <asp:Button ID="Button1" runat="server" Text="Fibonacci"
      onclick="Button1_Click"/>
    <br />
    <br />
    <asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>
    <br />
    <br />
    <asp:Button ID="Button2" runat="server" Text="Prime" onclick="Button2_Click" />
    <br />
```

```
<br />
    <asp:Label ID="Label2" runat="server" Text="Label"></asp:Label>
  </div>
  </form>
</body>
Backend:
    protected void Button1_Click(object sender, EventArgs e)
    {
      int a, b, c, i, n;
      a = 0;
      b = 1;
      Label1.Text = a.ToString() + b.ToString();
      n = Convert.ToInt32(TextBox1.Text);
      for (i = 1; i <= n; ++i)
         c = a + b;
         Label1.Text = Label1.Text + c.ToString();
         a = b;
         b = c;
      }
    }
    protected void Button2_Click(object sender, EventArgs e)
    {
      int n, i, s = 0; // s is used to track if the number is prime
      n = Convert.ToInt32(TextBox1.Text);
      if (n <= 1) // Check for numbers less than or equal to 1
      {
        s = 1; // Not prime
      }
```

```
else
       {
         for (i = 2; i \le n / 2; ++i) // Check for factors from 2 to n/2
         {
            if (n \% i == 0) // If n is divisible by i, it's not prime
            {
              s = 1; // Not prime
              break; // Exit the loop if a factor is found
            }
         }
       }
       if (s == 0)
         Label2.Text = "The given number is prime";
       else
         Label2.Text = "The given number is not prime";
    }
  }
}
```

CSWP IndexoutOfRange And DivideByZeroException

Front End Code:

```
       
    <asp:Label ID="Label2" runat="server" Text=" "></asp:Label>
    <br />
    <br />
    <br />
    <asp:Label ID="Label3" runat="server" Text="Enter Numerator:"></asp:Label>
    <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
    <br />
    <br />
    <asp:Label ID="Label4" runat="server" Text="Enter Denominator:"></asp:Label>
    <asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>
    <br />
    <br />
        
    <asp:Button ID="Button2" runat="server" Text="Button" OnClick="Button2_Click" />
         
 
    <asp:Label ID="Label5" runat="server" Text=" "></asp:Label>
    <br />
   </div>
 </form>
BackEnd Code:
protected void Button1_Click(object sender, EventArgs e)
{
 try
 {
   int[] numbers = { 10, 20, 30 };
   int index = int.Parse(TextBox1.Text);
```

```
int value = numbers[index];
    Label2.Text = "Value at index " + index + " is: " + value;
  }
  catch (IndexOutOfRangeException ex)
  {
    Label2.Text = "Error: Index out of range! Please enter a valid index between 0 and 2.";
  }
  catch (FormatException ex)
  {
    Label2.Text = "Error: Please enter a valid number.";
  }
}
protected void Button2_Click(object sender, EventArgs e)
{
  try
  {
    int numerator = int.Parse(TextBox2.Text);
    int denominator = int.Parse(TextBox3.Text);
    int result = numerator / denominator;
```

```
Label5.Text = "Result: " + result;
}

catch (DivideByZeroException)
{

Label5.Text = "Error: Cannot divide by zero!";
}

catch (FormatException)
{

Label5.Text = "Error: Please enter valid numbers for both numerator and denominator.";
}
```

CSWP For Student details in tabular format in connected data base using datareader to read:

Front end code:

Backend Code:

```
string query = "insert into tbl_student values("+ TextBox1.Text +","+ TextBox2.Text +"',"+
TextBox3.Text +"',""+ TextBox5.Text +"',""+ TextBox6.Text +"')";
        SqlCommand cmd = new SqlCommand(query, con);
        con.Open();
        cmd.ExecuteNonQuery();
      }
      catch (Exception ex)
        Response.Write(ex.ToString());
      }
      finally
      {
        con.Close();
      }
    }
    protected void Button2_Click(object sender, EventArgs e)
    {
      try
      {
        string squery = "select * from tbl_student";
        SqlCommand cmd = new SqlCommand(squery, con);
        con.Open();
        SqlDataReader dr = cmd.ExecuteReader();
        string optop = "";
        if(dr.HasRows)
          while(dr.Read())
          {
```

```
optop += "" + dr[0] + "" + dr[1] + "" + dr[2] + " " +
dr[3] + " " + dr[4] + " ";
        }
      }
      optop += "";
      Response.Write(optop);
     }
     catch(Exception ex)
      Response.Write(ex.Message);
     }
     finally
     {
      con.Close();
     }
   }
 }
```

CSWP TreeVIEW Control

```
<asp:TreeNode NavigateUrl="~/AboutUs.aspx" Text="AboutUs"
Value="Address"></asp:TreeNode>
          </asp:TreeNode>
        </Nodes>
      </asp:TreeView>
      <br />
      <br />
      <br />
      <br />
      <br />
    </div>
  </form>
</body>
Employee.aspx:
<body>
  <form id="form1" runat="server">
    <div>
      <asp:Label ID="Label1" runat="server" Text="Employee"></asp:Label>
      <br />
    </div>
  </form>
Resume.apsx:
<body>
  <form id="form1" runat="server">
    <div>
      <asp:Label ID="Label1" runat="server" Text="Upload your Resume"></asp:Label>
    </div>
  </form>
</body>
```

```
About US:
<body>
  <form id="form1" runat="server">
    <asp:Label ID="Label1" runat="server" Text="About Us"></asp:Label>
    <div>
    </div>
  </form>
</body>
CSWP for User Defined Exception:
FrontEnd:
<form id="form1" runat="server">
  <div>
    <h2>User-Defined Exception Demo</h2>
    <label for="inputNumber">Enter a number greater than 0:</label>
    <asp:TextBox ID="inputNumber" runat="server"></asp:TextBox>
    <br /><br />
```

<asp:Button ID="btnCheckNumber" runat="server" Text="Check Number"

<asp:Label ID="lblResult" runat="server" ForeColor="Red"></asp:Label>

protected void btnCheckNumber_Click(object sender, EventArgs e)

OnClick="btnCheckNumber_Click" />

</div>

</form>

Backend:

try

{

{

```
int number = int.Parse(inputNumber.Text);
  if (number <= 0)
  {
    throw new Exception("The number must be greater than zero.");
  }
  lblResult.ForeColor = System.Drawing.Color.Green;
  lblResult.Text = "Success! You entered a valid number.";
}
catch (FormatException)
{
  lblResult.Text = "Error: Please enter a valid number.";
}
catch (Exception ex)
{
  lblResult.Text = $"Error: {ex.Message}";
}
```

CSWP For Multiple inheritance:

Code:

```
public interface IPrintable
{
```

```
void Print();
}
public interface IScannable
{
  void Scan();
}
public class MultifunctionPrinter: IPrintable, IScannable
{
  public void Print()
  {
    Console.WriteLine("Printing...");
  }
  public void Scan()
    Console.WriteLine("Scanning...");
  }
}
internal class Program
  static void Main(string[] args)
  {
    MultifunctionPrinter mfp = new MultifunctionPrinter();
    mfp.Print();
    mfp.Scan();
  }
}
```

CSWP For CalenDar Control

Frontend:

```
<form id="form1" runat="server">
  <asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>
  <br />
  <asp:Button ID="Button2" runat="server" Text="Button" OnClick="Button2_Click" />
  <asp:Calendar ID="Calendar1" runat="server" BackColor="White" BorderColor="Black"
DayNameFormat="Shortest" Font-Names="Times New Roman" Font-Size="10pt" ForeColor="Black"
Height="220px" NextPrevFormat="FullMonth" OnDayRender="Calendar1 DayRender"
OnSelectionChanged="Calendar1 SelectionChanged" TitleFormat="Month" Width="400px">
    <DayHeaderStyle BackColor="#CCCCCC" Font-Bold="True" Font-Size="7pt"</pre>
ForeColor="#333333" Height="10pt" />
    <DayStyle Width="14%" />
    <NextPrevStyle Font-Size="8pt" ForeColor="White" />
    <OtherMonthDayStyle ForeColor="#999999" />
    <SelectedDayStyle BackColor="#CC3333" ForeColor="White" />
    <SelectorStyle BackColor="#CCCCCC" Font-Bold="True" Font-Names="Verdana" Font-Size="8pt"</pre>
ForeColor="#333333" Width="1%" />
    <TitleStyle BackColor="Black" Font-Bold="True" Font-Size="13pt" ForeColor="White"
Height="14pt"/>
    <TodayDayStyle BackColor="#CCCC99" />
  </asp:Calendar>
  <br />
  <asp:Button ID="Button1" runat="server" OnClick="Button1 Click" Text="Button" />
  <asp:Calendar ID="Calendar2" runat="server"></asp:Calendar>
  <asp:Label ID="lblVacationDates" runat="server" Text="Vacation Dates:"></asp:Label>
  <br />
  <asp:Label ID="Label2" runat="server" Text="Label"></asp:Label>
  <br />
  <br />
  <br />
  <br />
  <div>
```

```
</div>
</form>
Backend:
  protected void Page_Load(object sender, EventArgs e)
  {
    if (!IsPostBack)
    {
      Calendar1.TodaysDate = DateTime.Now;
    }
  }
  protected void Calendar1_DayRender(object sender, DayRenderEventArgs e)
  {
    if (e.Day.Date.Year == 2024 && e.Day.Date.Month == 10 && e.Day.Date.Day == 28)
      Label |1 = new Label();
      l1.Text = "Diwali";
      e.Cell.Controls.Add(I1);
    }
  }
  protected void Calendar1_SelectionChanged(object sender, EventArgs e)
  {
    Calendar1.SelectedDayStyle.BackColor = System.Drawing.Color.Red;
    Calendar1.SelectedDayStyle.ForeColor = System.Drawing.Color.Yellow;
    lblVacationDates.Text = "Selected Date: " + Calendar1.SelectedDate.ToString("yyyy-MM-dd
HH:mm:ss");
```

```
protected void Button1_Click(object sender, EventArgs e)
  {
    TimeSpan ts = Calendar1.SelectedDate - Calendar2.SelectedDate;
    Label1.Text = ts.TotalDays.ToString();
  }
  protected void Button2_Click(object sender, EventArgs e)
  {
    DateTime selectedDate = Calendar1.SelectedDate;
    DateTime currentTime = DateTime.Now;
    DateTime finalDateTime = new DateTime(selectedDate.Year, selectedDate.Month,
selectedDate.Day,
                         currentTime.Hour, currentTime.Minute, currentTime.Second);
    Label2.Text = "Formatted Date and Time: " + finalDateTime.ToString();
 }
```