Experiment – 6

Aim: Extend the user Profile Application in which user is Allowed to select the Date of Birth from the Calendar Control.

Procedure:

- Create Calendar Control that allows user to select the date.
- Also has the facility to Put Reminder in calendar control on particular date and that should be displayed when user navigate to that particular date in calendar control.

Code:

Experiment6.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="Experiment6.aspx.cs"</p>
Inherits="Experiment6" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
  <title></title>
  <style type="text/css">
    .auto-style1 {
      margin-left: 30px;
    }
    .auto-style3 {
      margin-left: 174px;
      margin-bottom: 0px;
    </style>
</head>
<body>
  <form id="form1" runat="server">
    <div>
    <br />
      <asp:Label ID="Label1" runat="server" Text="First Name:" Width="112px"></asp:Label>
      <asp:TextBox ID="TextBox1" runat="server" CssClass="auto-style1"></asp:TextBox>
      <asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"</p>
ControlToValidate="TextBox1" ErrorMessage="---Please enter First
Name"></asp:RequiredFieldValidator>
      <br />
      <asp:Label ID="Label2" runat="server" Text="Last Name:" Width="112px"></asp:Label>
      <asp:TextBox ID="TextBox2" runat="server" CssClass="auto-style1"></asp:TextBox>
      <asp:RequiredFieldValidator ID="RequiredFieldValidator2" runat="server"</p>
ControlToValidate="TextBox2" ErrorMessage="---Please enter Last
Name"></asp:RequiredFieldValidator>
      <br />
      <asp:Label ID="Label3" runat="server" Text="Semester:" Width="112px"></asp:Label>
      <asp:TextBox ID="TextBox3" runat="server" CssClass="auto-style1"></asp:TextBox>
```

```
<asp:RequiredFieldValidator ID="RequiredFieldValidator3" runat="server"</p>
ControlToValidate="TextBox3" ErrorMessage="---Please enter
Semester"></asp:RequiredFieldValidator>
      <br />
      <asp:Label ID="Label4" runat="server" Text="Mobile No:" Width="112px"></asp:Label>
      <asp:TextBox ID="TextBox4" runat="server" CssClass="auto-style1"></asp:TextBox>
      <asp:RequiredFieldValidator ID="RequiredFieldValidator7" runat="server"</pre>
ControlToValidate="TextBox4" ErrorMessage="---Please enter Mobile
no"></asp:RequiredFieldValidator>
      <asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server"</p>
ControlToValidate="TextBox4" ErrorMessage="---Please enter correct Mobile No"
ValidationExpression="[0-9]{10}"></asp:RegularExpressionValidator>
      <asp:Label ID="Label5" runat="server" Text="Age:" Width="112px"></asp:Label>
      <asp:TextBox ID="TextBox5" runat="server" CssClass="auto-style1"></asp:TextBox>
      <asp:RequiredFieldValidator ID="RequiredFieldValidator4" runat="server"</p>
ControlToValidate="TextBox5" ErrorMessage="---Please enter Age"></asp:RequiredFieldValidator>
      <br />
      <asp:Label ID="Label6" runat="server" Text="Height:" Width="112px"></asp:Label>
      <asp:TextBox ID="TextBox6" runat="server" CssClass="auto-style1"></asp:TextBox>
      <asp:RequiredFieldValidator ID="RequiredFieldValidator5" runat="server"</pre>
ControlToValidate="TextBox6" ErrorMessage="---Please enter Height"></asp:RequiredFieldValidator>
      <asp:RangeValidator ID="RangeValidator2" runat="server" ControlToValidate="TextBox6"</p>
ErrorMessage="RangeValidator" Type="Double">---Invalid</asp:RangeValidator>
      <br />
      <asp:Label ID="Label7" runat="server" Text="Marital Status:" Width="149px"></asp:Label>
      <asp:RequiredFieldValidator ID="RequiredFieldValidator6" runat="server"</p>
ControlToValidate="RadioButtonList1" ErrorMessage="---Please select Marital
status"></asp:RequiredFieldValidator>
      <asp:RadioButtonList ID="RadioButtonList1" runat="server" CssClass="auto-style3"</pre>
Height="85px" Width="138px">
        <asp:ListItem>Single</asp:ListItem>
        <asp:ListItem>Married</asp:ListItem>
        <asp:ListItem>Divorced</asp:ListItem>
      </asp:RadioButtonList>
      <br />
      <asp:Label ID="Label8" runat="server" Text="Hobbies:" Width="149px"></asp:Label>
      <asp:CheckBoxList ID="CheckBoxList1" runat="server" CssClass="auto-style3" Height="174px"</pre>
Width="138px">
        <asp:ListItem>Singing</asp:ListItem>
        <asp:ListItem>Dancing</asp:ListItem>
        <asp:ListItem>Painting</asp:ListItem>
        <asp:ListItem>Cooking</asp:ListItem>
        <asp:ListItem>Sports</asp:ListItem>
        <asp:ListItem>Others</asp:ListItem>
      </asp:CheckBoxList>
      <br />
      <asp:Label ID="Label9" runat="server" Text="Date of Birth:" Width="112px"></asp:Label>
      <asp:TextBox ID="TextBox7" runat="server" CssClass="auto-style1"</pre>
OnTextChanged="TextBox7_TextChanged" ToolTip="Select date from Calender"></asp:TextBox>
      <asp:RequiredFieldValidator ID="RequiredFieldValidator8" runat="server"</pre>
ControlToValidate="TextBox7" ErrorMessage="---Please select DOB"></asp:RequiredFieldValidator>
      <br />
      <br />
```

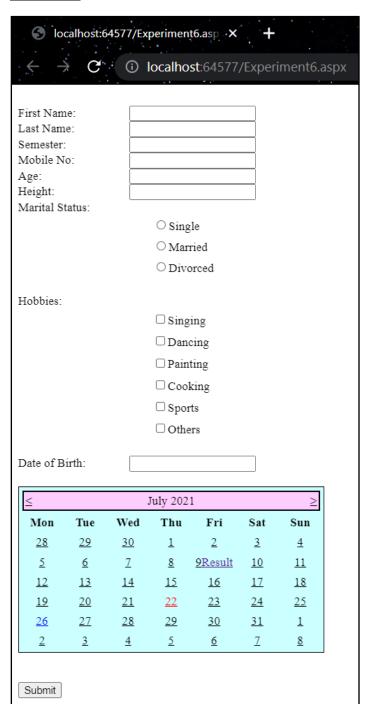
```
<asp:Calendar ID="Calendar1" runat="server" CellPadding="1" CellSpacing="5"</p>
EnableTheming="True" OnSelectionChanged="Calendar1_SelectionChanged" BackColor="#CCFFFF"
BorderColor="Black" BorderStyle="Solid" OnDayRender="Calendar1_DayRender">
        <SelectedDayStyle BackColor="#FFFF66" BorderStyle="Solid" ForeColor="#000066"</p>
BorderWidth="1px"/>
        <TitleStyle BackColor="#FFCCFF" BorderStyle="Solid" BorderWidth="2px" Font-
Overline="False" ForeColor="Black" />
        <TodayDayStyle ForeColor="Red" Font-Underline="True" />
      </asp:Calendar>
      <asp:Label ID="Label10" runat="server" Font-Bold="True" OnLoad="Page_Load"
OnUnload="Calendar1_SelectionChanged"></asp:Label>
      <br />
      <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Submit" />
    </div>
  </form>
</body>
</html>
Experiment6.aspx.cs:
using System;
using System.Collections.Generic;
using System.Ling;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
public partial class Experiment6: System.Web.UI.Page
  protected void Page_Load(object sender, EventArgs e)
  { }
  protected void Button1_Click(object sender, EventArgs e)
    Response.Write("<b>" + "ENTERED DATA: " + "</b>" + "</br>");
    String fn = Convert.ToString(TextBox1.Text);
    Response.Write("First Name: " + fn + "</br>");
    String In = Convert.ToString(TextBox2.Text);
    Response.Write("Last Name: " + In + "</br>");
    String sem = Convert.ToString(TextBox3.Text);
    Response.Write("Semester: " + sem + "</br>");
    String mn = Convert.ToString(TextBox4.Text);
    Response.Write("Mobile No: " + mn + "</br>");
    String age = Convert.ToString(TextBox5.Text);
    Response.Write("Age: " + age + "</br>");
    String hgt = Convert.ToString(TextBox6.Text);
    Response.Write("Height: " + hgt + "</br>");
    string selected Value = Radio Button List 1. Selected Value;
    Response.Write("Marital Status: " + selectedValue + "</br>");
```

```
string hb = "";
    foreach (ListItem L1 in CheckBoxList1.Items)
      if (L1.Selected == true)
        hb = hb + L1.Text + ", ";
    Response.Write("Hobbies: " + hb);
    Response.Write("</br>");
  }
  protected void Calendar1_SelectionChanged(object sender, EventArgs e)
    TextBox7.Text = (Convert.ToString(Calendar1.SelectedDate.ToLongDateString()));
    if(Convert.ToString(Calendar1.SelectedDate.ToShortDateString())=="26-07-2021")
      Label10.Text = ("26 July : Aash's Birthday!!!");
    }
    else
      Label10.Text = ("");
    }
  }
  protected void Calendar1_DayRender(object sender, DayRenderEventArgs e)
    String a = Calendar1.SelectedDate.ToLongDateString();
    if (e.Day.Date.ToShortDateString() == "09-07-2021")
      HyperLink I = new HyperLink();
      I.NavigateUrl = "~/exp6_1.aspx";
      I.Text = "Result";
      e.Cell.Controls.Add(I);
      e.Day.IsSelectable = true;
    if (e.Day.Date == new DateTime(2021, 7, 26))
      e.Cell.ForeColor = System.Drawing.Color.Blue;
    }
  }
  protected void TextBox7_TextChanged(object sender, EventArgs e)
  { }
exp6_1.aspx:
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="exp6_1.aspx.cs" Inherits="exp6_1" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
  <title></title>
</head>
<body>
  <form id="form1" runat="server">
```

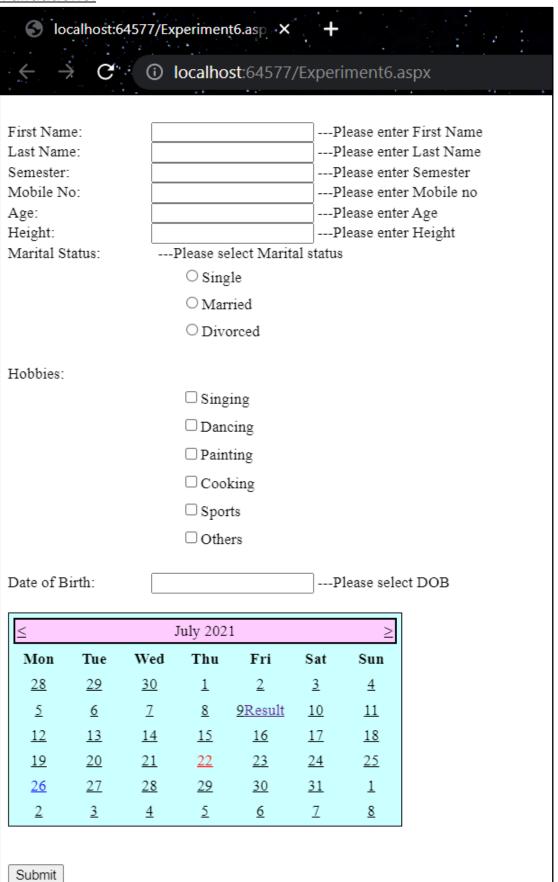
}

Output Screenshots:

Preview:

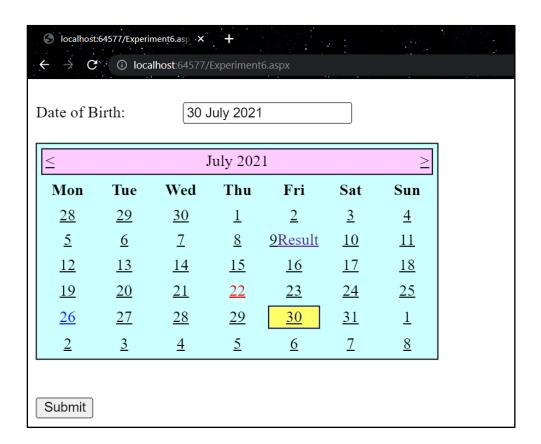


Validations:



Calender Control:

1. Selected Date will be displayed in the Textbox.



2. For Date: 09-07-2021 - New Web-Form will be loaded.



3. For Only Date: 26-07-2021 – Message will be displayed in the label. After selecting other Date message will be erased.

