

AWD Practical 3b – Calendar

Design:

body

<

July 2025

>

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	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	9

Label1

Label2

Label3

Label4

Label5

Submit

Reset

Code:

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

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

        protected void Calendar1_DayRender(object sender, DayRenderEventArgs e)
        {
            if (e.Day.Date.Day == 5 && e.Day.Date.Month == 9) // Teachers' Day
            {
                e.Cell.BackColor = System.Drawing.Color.Yellow;
                Label lbl = new Label();
                lbl.Text = "<br>Teachers Day!";
                e.Cell.Controls.Add(lbl);
                Image gl = new Image();
                gl.ImageUrl = "tg.jpg";
                gl.Height = 20;
                gl.Width = 20;
                e.Cell.Controls.Add(gl);
            }
        }
    }
}
```

```

        if (e.Day.Date.Day == 23 && e.Day.Date.Month == 10) // Diwali Start
        {
            Calendar1.SelectedDate = new DateTime(2022, 10, 23);
            Calendar1.SelectedDates.SelectRange(Calendar1.SelectedDate, Calendar1.Selected
Date.AddDays(5));
            Label lbl1 = new Label();
            lbl1.Text = "<br>Diwali";
            e.Cell.Controls.Add(lbl1);
        }
    }

    protected void Calendar1_SelectionChanged(object sender, EventArgs e)
    {
        Label1.Text = "Your Selected Date: " + Calendar1.SelectedDate.Date.ToString();
    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        Calendar1.Caption = "Zahid Sayyed";
        Calendar1.FirstDayOfWeek = FirstDayOfWeek.Sunday;
        Calendar1.NextPrevFormat = NextPrevFormat.FullMonth;
        Calendar1.TitleFormat = TitleFormat.Month;

        Label2.Text = "Todays Date: " + Calendar1.SelectedDate.ToString();
        Label3.Text = "Diwali Vacation Start: 10-23-2022";

        TimeSpan d = new DateTime(2022, 10, 23) - Calendar1.TodaysDate;
        Label4.Text = "Days Remaining For Diwali Vacation: " + d.Days.ToString();

        TimeSpan d1 = new DateTime(2022, 12, 31) - Calendar1.TodaysDate;
        Label5.Text = "Days Remaining for New Year: " + d1.Days.ToString();

        if (Calendar1.SelectedDate.ToString("MM-dd-yyyy") == "10-23-2022")
        {
            Label3.Text = "<b>Diwali Festival Start</b>";
        }

        if (Calendar1.SelectedDate.ToString("MM-dd-yyyy") == "10-28-2022")
        {
            Label3.Text = "<b>Diwali Festival End</b>";
        }
    }

    protected void Button2_Click(object sender, EventArgs e)
    {
        Label1.Text = "";
        Label2.Text = "";
        Label3.Text = "";
        Label4.Text = "";
        Label5.Text = "";
        Calendar1.SelectedDates.Clear();
    }
}
}

```

Output:

Zahid Sayyed

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

Label1
Todays Date: 15-07-2025
Diwali Vacation Start: 10-23-2022
Days Remaining For Diwali Vacation: -996
Days Remaining for New Year: -927

Submit

Reset