Practical No.: 3

AIM:- Working with Web Forms and Controls.

A) Demonstrate the use of Calendar control to perform following operations.

        a) Display messages in a calendar control
        b) Display vacation in a calendar control
        c) Selected day in a calendar control using style
        d) Difference between two calendar dates

Calendar properties:

OnDayRender="Calendar1_DayRender"

OnSelectionChanged="Calendar1_SelectionChanged"

<WeekendDayStyle Height="50px" />

OnClick="btnResult_Click"

OnClick="btnReset_Click"

.aspx.cs

```
protected void btnResult_Click(object sender, EventArgs e)
        {
          Calendar1.Caption = "Welcome";

           Label2.Text = "Todays Date" + Calendar1.TodaysDate.ToShortDateString();
           Label3.Text = "Ganpati Vacation Start: 9-19-2023";
           TimeSpan d = new DateTime(2023, 9, 19) - DateTime.Now;
           Label4.Text = "Days Remaining For Ganpati Vacation:" + d.Days.ToString();
           TimeSpan d1 = new DateTime(2023, 12, 31) - DateTime.Now;
           Label5.Text = "Days Remaining for New Year:" + d1.Days.ToString();
        }

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


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

```
        }

protected void Calendar1_DayRender(object
sender,System.Web.UI.WebControls.DayRenderEventArgs e)
        {
            if (e.Day.Date.Day == 5 && e.Day.Date.Month == 9)
            {
                e.Cell.BackColor = System.Drawing.Color.Yellow;
                Label lbl = new Label();
                lbl.Text = "<br>Teachers Day!";
                e.Cell.Controls.Add(lbl);

            }
            if (e.Day.Date.Day == 19 && e.Day.Date.Month == 9)
            {
                Calendar1.SelectedDate = new DateTime(2023, 9, 19);
                Calendar1.SelectedDates.SelectRange(Calendar1.SelectedDate,
                Calendar1.SelectedDate.AddDays(9));
                Label lbl1 = new Label();
                lbl1.Text = "<br>Ganpati!";
                e.Cell.Controls.Add(lbl1);
            }
        }
```