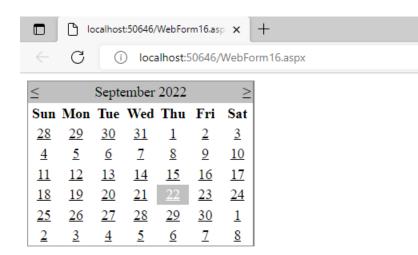**Practical No. 8**

AJAX

Drag and drop a calendar control on a web form and run the program to see the flickering effect on selecting a date in the calendar.

Then

Use the above along with UpdatePanel control to remove the flickering effect.

WebForm1.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="Practical_8.WebForm1" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

    <html xmlns="http://www.w3.org/1999/xhtml">
    <head runat="server">
        <title></title>
    </head>
    <body>
        <form id="form1" runat="server">
        <asp:ScriptManager ID="ScriptManager1" runat="server">
        </asp:ScriptManager>
        <asp:UpdatePanel ID="UpdatePanel1" runat="server">
            <ContentTemplate>
                <asp:Calendar ID="Calendar1" runat="server"></asp:Calendar>
            </ContentTemplate>
        </asp:UpdatePanel>
        </form>
    </body>

    </html>
```
Output+``

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Demonstrate the use of UpdateProgress Control by showing that the loading is in process using a text and a gif file.

WebForm2.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs"
Inherits="Practical_8.WebForm2" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

    <html xmlns="http://www.w3.org/1999/xhtml">
    <head runat="server">
        <title></title>
    </head>
    <body>
        <form id="form1" runat="server">
        <asp:ScriptManager ID="ScriptManager1" runat="server">
        </asp:ScriptManager>
            <asp:UpdateProgress ID="UpdateProgress1" runat="server">
                    <ProgressTemplate>
                        Processing.......
                    </ProgressTemplate>
            </asp:UpdateProgress>
            <asp:UpdatePanel ID="UpdatePanel1" runat="server">
                <ContentTemplate>
                    <asp:Button ID="Button1" runat="server" Text="Click Me"
onclick="Button1_Click" />
                </ContentTemplate>
            </asp:UpdatePanel>
        </form>
    </body>

    </html>
```

WebForm2.aspx.cs

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

namespace Practical_8
{
    public partial class WebForm2 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            System.Threading.Thread.Sleep(3000);
        }
```

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```
        }
}
```

Output

Add the below source to see the effect of gif file.

```
<ProgressTemplate>

        <img src="images/spiffygif_30x30.gif" />

        Processing.......

</ProgressTemplate>
```

Output

Use timer control to display the time details on a web page where it is seen that the time gets updated every 3 seconds
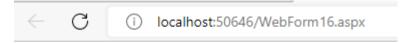
Timer Control

WebForm3.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm3.aspx.cs"
Inherits="Practical_8.WebForm3" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

    <html xmlns="http://www.w3.org/1999/xhtml">
    <head runat="server">
        <title></title>
    </head>
```

```
<body>
    <form id="form1" runat="server">
    <asp:ScriptManager ID="ScriptManager1" runat="server">
    </asp:ScriptManager>
    <asp:Timer ID="Timer1" Interval = "3000" runat="server" ontick="Timer1_Tick">
    </asp:Timer>

        <asp:UpdatePanel ID="UpdatePanel1" runat="server">
            <ContentTemplate>
                <asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>
            </ContentTemplate>
            <Triggers>
                <asp:AsyncPostBackTrigger ControlID="Timer1" EventName="Tick"/> />
</Triggers>
        </asp:UpdatePanel>

    </form>
</body>

</html>
```

WebForm3.aspx.cs

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

namespace Practical_8
{
    public partial class WebForm3 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Timer1_Tick(object sender, EventArgs e)
        {
            Label1.Text = DateTime.Now.ToString();
        }
    }

}
```

Output

localhost:50646/WebForm16.aspx

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