

## PRACTICAL NO.10

**Write the program for the following:**

a. Create a web application to demonstrate JS Bootstrap Button.

**Code:**

**Aspx code:**

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

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Arithmetic Operations</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhY6hW+ALEwIH"
crossorigin="anonymous">
</head>
<body>
    <form id="form1" runat="server">
        <div class="container mt-4">
            <div class="row mb-3">
                <div class="col-md-6">
                    <asp:Label ID="Label1" runat="server" Text="Number 1 : " CssClass="form-
label"></asp:Label>
                    <asp:TextBox ID="TextBox1" runat="server" CssClass="form-
control"></asp:TextBox>
                </div>
            </div>

            <div class="row mb-3">
                <div class="col-md-6">
                    <asp:Label ID="Label2" runat="server" Text="Number 2 : " CssClass="form-
label"></asp:Label>
                    <asp:TextBox ID="TextBox2" runat="server" CssClass="form-
control"></asp:TextBox>
                </div>
            </div>

            <div class="row mb-3">
                <div class="col-md-6">
                    <asp:Button ID="Button1" runat="server" Text="Add" CssClass="btn btn-primary
me-2" OnClick="Button1_Click1" />
                    <asp:Button ID="Button2" runat="server" Text="Sub" CssClass="btn btn-
secondary me-2" OnClick="Button2_Click1" />
                    <asp:Button ID="Button3" runat="server" Text="Mul" CssClass="btn btn-success
me-2" OnClick="Button3_Click1" />
                    <asp:Button ID="Button4" runat="server" Text="Div" CssClass="btn btn-danger"
OnClick="Button4_Click1" />
                </div>
            </div>

            <div class="row mb-3">
                <div class="col-md-6">
                    <asp:Label ID="Label3" runat="server" CssClass="form-label fw-
bold"></asp:Label>
                </div>
            </div>
        </form>
    </body>
</html>
```

**C# code:**

```
using System;
namespace bootstrap
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Button1_Click1(object sender, EventArgs e)
        {
            Label3.Text = "Addition is " + (Convert.ToInt32(TextBox1.Text) +
Convert.ToInt32(TextBox2.Text)).ToString();
        }
        protected void Button2_Click1(object sender, EventArgs e)
        {
            Label3.Text = "Substraction is " + (Convert.ToInt32(TextBox1.Text) -
Convert.ToInt32(TextBox2.Text)).ToString();
        }
        protected void Button3_Click1(object sender, EventArgs e)
        {
            Label3.Text = "Multiplication is " + (Convert.ToInt32(TextBox1.Text) *
Convert.ToInt32(TextBox2.Text)).ToString();
        }
        protected void Button4_Click1(object sender, EventArgs e)
        {
            Label3.Text = "Division is " + (Convert.ToInt32(TextBox1.Text) /
Convert.ToInt32(TextBox2.Text)).ToString();
        }
    }
}
```

Output:

Number 1 :

Number 2 :

Add

Sub

Mul

Div

Addition is 18

Number 1 :

Number 2 :

Add

Sub

Mul

Div

Multiplication is 72

b. Create a web application to demonstrate use of various Ajax controls.

Code:

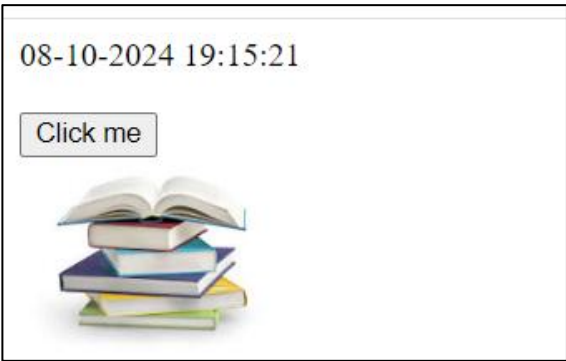
Aspx code:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="Ajaxcontrols.WebForm1" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body style="height: 316px">
    <form id="form1" runat="server">
        <div>
            <asp:ScriptManager ID="ScriptManager1" runat="server">
            </asp:ScriptManager>
            <asp:UpdatePanel ID="UpdatePanel1" runat="server">
                <ContentTemplate>
                    <asp:Label ID="Label1" runat="server"></asp:Label>
                    <br />
                    <asp:Timer ID="Timer1" runat="server" Interval="1000">
                    </asp:Timer>
                    <br />
                    <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Click
me" />
                    <asp:UpdateProgress ID="UpdateProgress1" runat="server">
                        <ProgressTemplate>
                            <asp:Image ID="Image1" runat="server" Height="96px"
ImageUrl="~/books.jpg" Width="126px" />
                        </ProgressTemplate>
                    </asp:UpdateProgress>
                </ContentTemplate>
            </asp:UpdatePanel>
        </div>
    </form>
</body>
</html>
```

C# code:

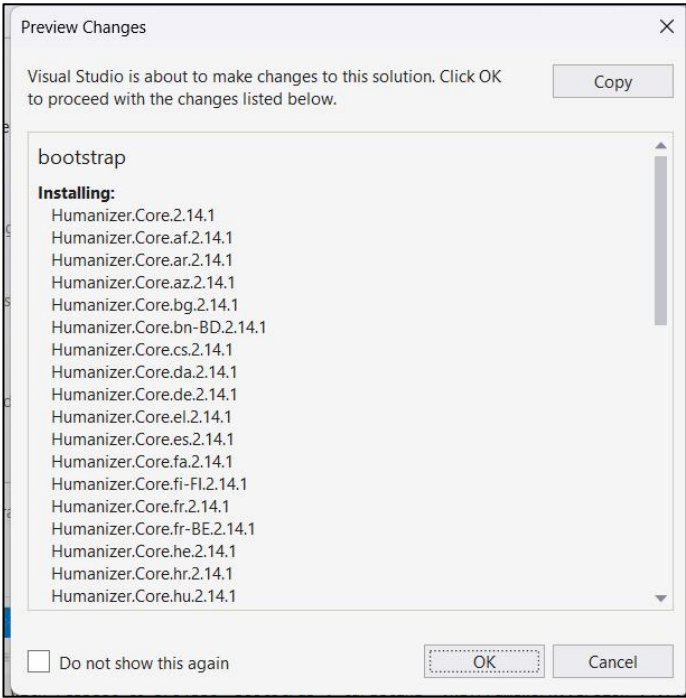
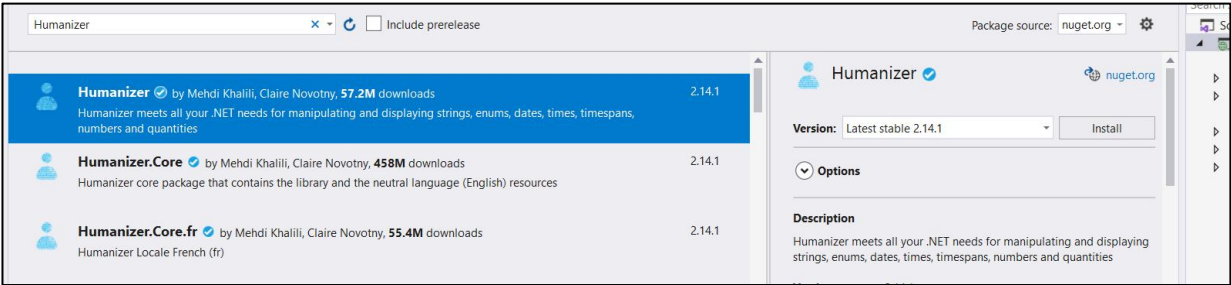
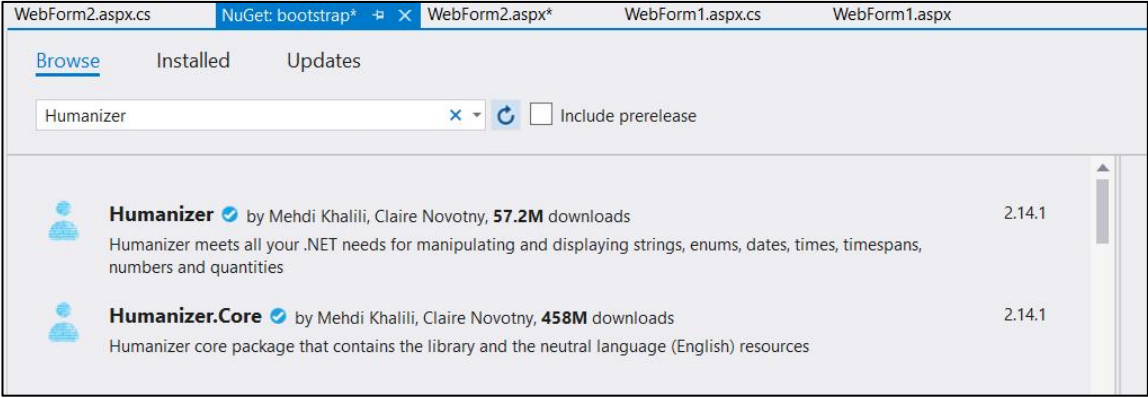
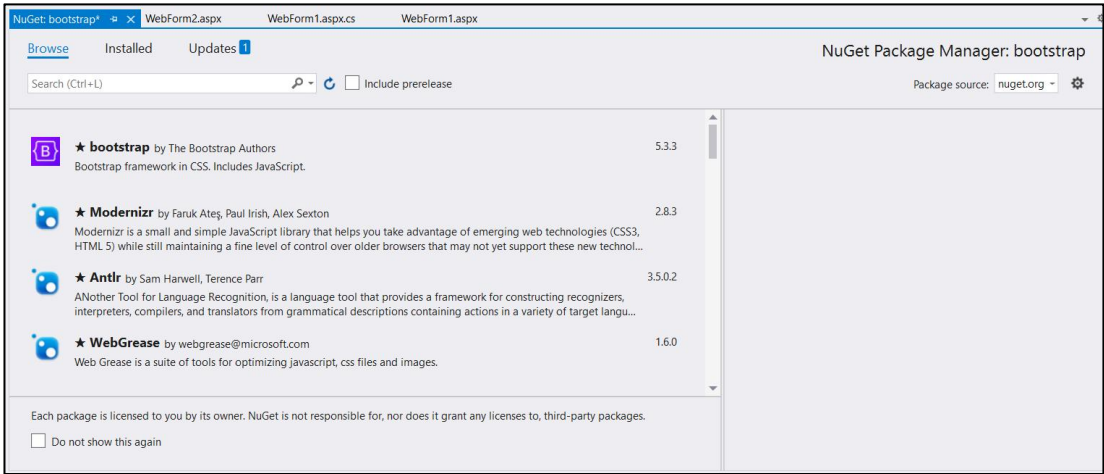
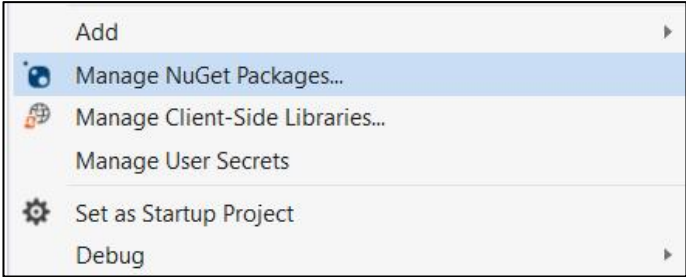
```
using System;
namespace Ajaxcontrols
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            Label1.Text = DateTime.Now.ToString();
        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            System.Threading.Thread.Sleep(3000);
        }
    }
}
```

Output:



c. Create a web application to demonstrate Installation and use of NuGet package.

Installation NuGet package (Humanizer):





Code:  
Aspx code :

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="WebApplication2.WebForm1" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Label ID="Label1" runat="server" style="z-index: 1; left: 243px; top: 11px;
position: absolute" Text="Enter MilliSeconds Here : "></asp:Label>
            <br />
            <asp:TextBox ID="TextBox1" runat="server" style="z-index: 1; left: 207px; top: 47px;
position: absolute"></asp:TextBox>
            <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" style="z-index: 1;
left: 420px; top: 47px; position: absolute" Text="Click" />
            <asp:Label ID="Label2" runat="server" style="z-index: 1; left: 222px; top: 96px;
position: absolute"></asp:Label>
        </div>
    </form>
</body>
</html>
```

```
C# Code :
using System;
using Humanizer;
namespace WebApplication2
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            double num = Convert.ToDouble(TextBox1.Text);
            Label2.Text = TimeSpan.FromMilliseconds(num).Humanize(4);
        }
    }
}
```

Output:

