Practical 10

a) Aim: Create a web application to demonstrate JS Bootstrap Button.

Code:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="_10a.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>

    <link rel="Stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css"/>

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1/jquery.min.js"></script>

</head>

<body>

    <form id="form1" runat="server">

    <div>

        <asp:Button ID="Button1" runat="server" Text="btn-primary" CssClass="btn btn-primary"/>

        <asp:Button ID="Button2" runat="server" Text="btn-secondary" CssClass="btn btn-secondary" />

        <asp:Button ID="Button3" runat="server" Text="btn-success" CssClass="btn btn-success"/>
```

```
        <asp:Button ID="Button4" runat="server" Text="btn-danger" CssClass="btn btn-danger" />

    </div>

    </form>

</body>

</html>
```

Output:

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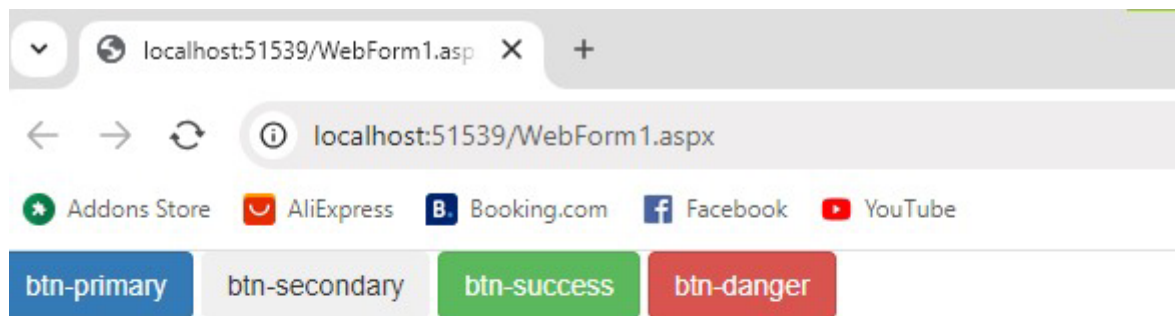**Aim: Create a web application for user defined exception handling.**

Code:

<u>WebForm1.aspx</u>

```
<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" Text="Label"></asp:Label>

    </div>

    <p>

        <asp:Label ID="Label2" runat="server" Text="Label"></asp:Label>

    </p>

    </form>

</body>

</html>
```

<u>WebForm1.aspx.cs</u>

```
using System;

using System.Collections.Generic;
```

```csharp
using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;


namespace WebApplication36

{

    public partial class WebForm1 : System.Web.UI.Page

    {

        protected void Page_Load(object sender, EventArgs e)

        {

            try

            {

                throw new userDefinedException("NEW USER DEFINED EXCEPTION");

            }

            catch (Exception ex)

            {

                Label1.Text = "Exception caught here" + ex.ToString();

            }

            Label2.Text = "Final statement that is executed";}


            class  userDefinedException  : Exception{

                public userDefinedException(string str)
```

```
        {

                Console.WriteLine("userDefinedException");

            }

        }

    class HandledException {

        public static void Main(){}

    }

}
```

Output:

Exception caught hereWebApplication36.WebForm1+userDefinedException: Exception of type 'WebApplication36.WebForm1+userDefinedException' was thrown. at WebApplication36.WebForm1.Page_Load(Object sender, EventArgs e) in C:\Users\ITPc No.7\Documents\Visual Studio 2010\Projects\WebApplication36\WebApplication36\WebForm1.aspx.cs:line 16

Final statement that is executed