

**FINOLEX ACADEMY OF MANAGEMENT AND  
TECHNOLOGY, RATNAGIRI**

**DEPARTMENT OF MCA**

**PRACTICAL NO. 02**

**Introduction to ASP.NET**

**Que.1.Design asp.net web form to demonstrate various events in asp.net page life cycle.**

**Ans:**

- **CODE –**

**Page\_Life\_Cycle.aspx**



```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="Page_Life_Cycle.aspx.cs"
Inherits="Page_Life_Cycle" %>
```

```
<!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="lblName" runat="server" ></asp:Label>
      <br/>
      <asp:Button ID="btnSubmit" runat="server" Text="Submit"
        OnClick="btnSubmit_Click" />
    </div>
  </form>
</body>
</html>
```

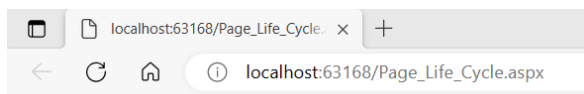
## Page\_Life\_Cycle.aspx.cs

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

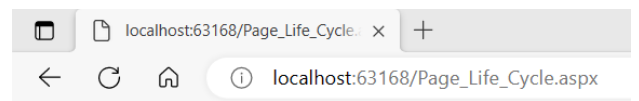
public partial class Page_Life_Cycle : System.Web.UI.Page
{
    protected void Page_PreInit(object sender, EventArgs e)
    {
        lblName.Text = lblName.Text + "<br/>" + "PreInit";
    }
    protected void Page_Init(object sender, EventArgs e)
    {
        lblName.Text = lblName.Text + "<br/>" + "Init";
    }
    protected void Page_InitComplete(object sender, EventArgs e)
    {
        lblName.Text = lblName.Text + "<br/>" + "InitComplete";
    }
    protected override void OnPreLoad(EventArgs e)
    {
        lblName.Text = lblName.Text + "<br/>" + "PreLoad";
    }
    protected void Page_Load(object sender, EventArgs e)
    {
        lblName.Text = lblName.Text + "<br/>" + "Load";
    }
    protected void Page_LoadComplete(object sender, EventArgs e)
    {
        lblName.Text = lblName.Text + "<br/>" + "LoadComplete";
    }
    protected override void OnPreRender(EventArgs e)
    {
        System.Threading.Thread.Sleep(3000);
        lblName.Text = lblName.Text + "<br/>" + "PreRender";
    }
    protected override void OnSaveStateComplete(EventArgs e)
    {
        lblName.Text = lblName.Text + "<br/>" + "SaveStateComplete";
    }
    protected void Page_UnLoad(object sender, EventArgs e)
    {
        lblName.Text = lblName.Text + "<br/>" + "UnLoad";
    }
}
```

```
protected void btnSubmit_Click(object sender, EventArgs e)
{
    lblName.Text = lblName.Text + "<br/>" + "btnSubmit_Click";
}
}
```

## • OUTPUT :



PreInit  
Init  
InitComplete  
PreLoad  
Load  
LoadComplete  
PreRender  
SaveStateComplete  
Submit



PreInit  
Init  
InitComplete  
PreLoad  
Load  
LoadComplete  
PreRender  
PreLoad  
Load  
btnSubmit\_Click  
LoadComplete  
PreRender  
SaveStateComplete  
Submit

**Ans:**

- ## 1) Post Back Posting

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="PostingDemo.aspx.cs"
Inherits="PracticalNo. 2.PostinfDemo" %>
```

&lt;html xmlns="http://www.w3.org/1999/xhtml"&gt;

&lt;title&gt;&lt;/title&gt;

&lt;body&gt;

```
<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
```

```
<asp:Calendar ID="Calendar1" runat="server"></asp:Calendar>
```

```
<asp:Button ID="btnPostBack Posting" runat="server"
```

`<asp:Button ID="btnCrossPage Posting" runat="server"`  
  

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

```

        </div>
    </form>
</body>
</html>

```

## PostingDemo.aspx.cs

```

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

namespace PracticalNo._2
{
    public partial class PostinfDemo : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void btnPostBack_Posting_Click(object sender, EventArgs e)
        {
            lblMsg.Text = " Hi " + TextBox1.Text + ",Here is output of the Same Page post back Button: "
+ Calendar1.SelectedDate.ToString("dd/MM/yyyy");
        }

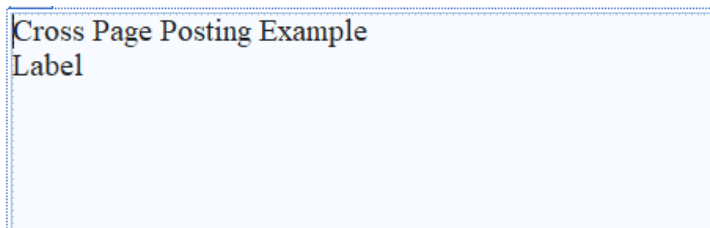
        protected void btnCrossPage_Posting_Click(object sender, EventArgs e)
        {

        }
    }
}

```

## 2) Cross Page Posting

### PostingDemo2.aspx



```

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="PostingDemo2.aspx.cs"
Inherits="PracticalNo._2.PostingDemo2" %>

```

```

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div style="height: 232px">
            <asp:Label ID="Label1" runat="server" Text="Cross Page Posting Example"></asp:Label>
            <br />
            <asp:Label ID="Label2" runat="server" Text="Label"></asp:Label>
        </div>
    </form>
</body>
</html>

```

## PostingDemo2.aspx.cs

```

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

namespace PracticalNo._2
{
    public partial class PostingDemo2 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            if(Page.PreviousPage != null && PreviousPage.IsCrossPagePostBack)
            {

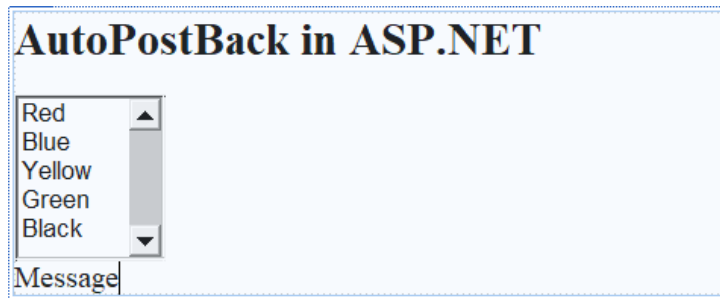
                System.Web.UI.WebControls.Calendar Cal1 = new
System.Web.UI.WebControls.Calendar();
                TextBox textBox1 = new TextBox();
                Cal1 = (System.Web.UI.WebControls.Calendar)(PreviousPage.FindControl("Calendar1"));
                textBox1 = (TextBox)(PreviousPage.FindControl("textBox1"));
                Label2.Text = " <br/>Hii " + textBox1.Text + "Here is output of the Cross Page post back
Button:" + Cal1.SelectedDate.ToString("dd/MM/yyyy");
            }
        }
    }
}

```

```
}  
}  
}
```

### 3) Auto Post Back Posting

#### AutoPostBack.aspx



```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="AutoPostBack.aspx.cs"  
Inherits="PracticalNo. _2.AutoPostBack" %>
```

```
<!DOCTYPE html>
```

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

```
<head runat="server">
```

```
<title>Auto Post Back</title>
```

```
</head>
```

```
<body>
```

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

```
<div>
```

```
<h2>AutoPostBack in ASP.NET</h2>
```

```
<asp:ListBox ID="ListBox1" runat="server"
```

```
OnSelectedIndexChanged="ListBox1_SelectedIndexChanged" AutoPostBack="True"
```

```
Height="110px" Width="100px">
```

```
<asp:ListItem>Red</asp:ListItem>
```

```
<asp:ListItem>Blue</asp:ListItem>
```

```
<asp:ListItem>Yellow</asp:ListItem>
```

```
<asp:ListItem>Green</asp:ListItem>
```

```
<asp:ListItem>Black</asp:ListItem>
```

```
</asp:ListBox>
```

```
<br />
```

```
<asp:Label ID="Label1" runat="server" Text="Message"></asp:Label>
```

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

## AutoPostBack.aspx.cs

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

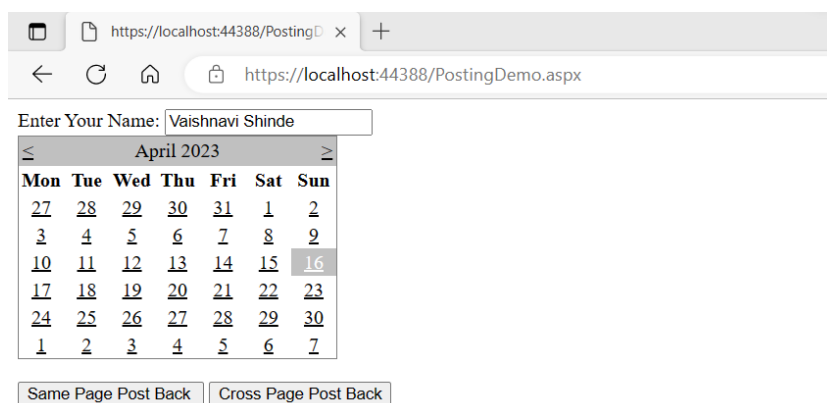
namespace PracticalNo._2
{
    public partial class AutoPostBack : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void ListBox1_SelectedIndexChanged(object sender, EventArgs e)
        {
            if (ListBox1.SelectedItem != null)
            {
                Label1.Text = "You selected " + ListBox1.SelectedItem.ToString();
            }
            else
            {
                Label1.Text = " Select any color from listbox";
            }
        }
    }
}
```

### • OUTPUT :

#### 1) Post Back Posting



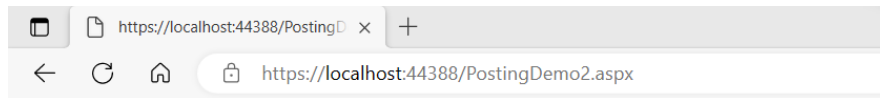
The screenshot shows a web browser window with the address bar displaying `https://localhost:44388/PostingDemo.aspx`. The page content includes a text input field labeled "Enter Your Name:" with the value "Vaishnavi Shinde". Below the input field is a calendar for April 2023, with the date 16 highlighted. At the bottom of the form are two buttons: "Same Page Post Back" and "Cross Page Post Back".

Mon	Tue	Wed	Thu	Fri	Sat	Sun
27	28	29	30	31	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
1	2	3	4	5	6	7

Hi Vaishnavi Shinde, Here is output of the Same Page post back Button: 16-04-2023



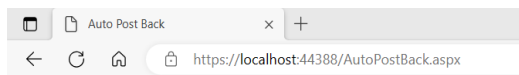
## 2) Cross Page Posting



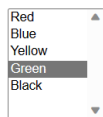
Cross Page Posting Example

Hii Vaishnavi ShindeHere is output of the Cross Page post back Button:16-04-2023

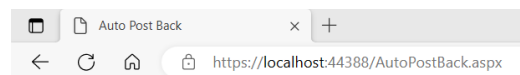
## 3) Auto Post Back Posting



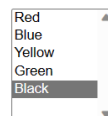
AutoPostBack in ASP.NET



You selected Green



AutoPostBack in ASP.NET



You selected Black

**Que.3. Design asp.net web form to demonstrate FileUpload, Calendar and AdRotator controls.**

**Ans:**

- **CODE –**

**FileUploadPro.aspx**

**File Upload:**

<input type="text"/>	<input type="button" value="Browse..."/>
----------------------	--

<<	April 2023						>>
Mon	Tue	Wed	Thu	Fri	Sat	Sun	
27	28	29	30	31	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	
1	2	3	4	5	6	7	

[lblMessage]

[lbldate]

[Ad-Rotator](#)

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="FileUploadPro.aspx.cs"
Inherits="FileUploadPro" %>
```

```
<!DOCTYPE html>
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <h3> File Upload:</h3>
            <br />
            <asp:FileUpload ID="FileUpload1" runat="server" />
            <br /> <br />
        </div>
    </form>

```

```

        <asp:Calendar ID="Calendar1" runat="server" NextMonthText="&gt;&gt;"
PrevMonthText="&lt;&lt;"></asp:Calendar>
        <br /><br />
        <asp:Button ID="btnSave" runat="server" Text="Save" style="width:85px"
OnClick="btnSave_Click" />
        <br /><br />
        <asp:Label ID="lblMessage" runat="server" />
        <br /><br />
        <asp:Label ID="lbldate" runat="server" />
    </div>
    <p>
        <asp:LinkButton ID="LinkButton1" runat="server"
PostBackUrl="~/AdRotatorExample.aspx">Ad-Rotator</asp:LinkButton>
    </p>
</form>
</body>
</html>

```

## FileUploadPro.aspx.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.IO;
using System.Web;
using System.Text;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class FileUploadPro : System.Web.UI.Page
{
    protected void btnSave_Click(object sender, EventArgs e)
    {
        StringBuilder sb = new StringBuilder();
        if (FileUpload1.HasFile)
        {
            try
            {
                sb.AppendFormat(" Uploading file: {0}", FileUpload1.FileName);
                //saving the file
                string filename = Path.GetFileName(FileUpload1.FileName);
                FileUpload1.SaveAs(Server.MapPath("~/") + filename);
                //Showing the file information
                sb.AppendFormat("<br/> Save As: {0} ",
FileUpload1.PostedFile.FileName);
                sb.AppendFormat("<br/> File type: {0}",
FileUpload1.PostedFile.ContentType);
            }
            catch { }
        }
    }
}

```

```

        sb.AppendFormat("<br/> File length: {0}",
        FileUpload1.PostedFile.ContentLength);

    }
    catch (Exception ex)
    {
        sb.Append("<br/> Error <br/>");
        sb.AppendFormat("Unable to save file <br/> {0}", ex.Message);
    }
}
lblMessage.Text = sb.ToString();

lbldate.Text = "Selected Date: " + Calendar1.SelectedDate.ToString("dd / MM / yyyy");
}
}

```

## AdRotatorExample.aspx



```

<%@ Page Language="C#" AutoEventWireup="true" CodeFile="AdRotatorExample.aspx.cs"
Inherits="AdRotatorExample" %>

```

```

<!DOCTYPE html>

```

```

<html xmlns="http://www.w3.org/1999/xhtml">

```

```

<head runat="server">

```

```

    <title></title>

```

```

</head>

```

```

<body>

```

```

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

```

```

        <div>

```

```

        AdRotator Demo<br />

```

```

        </div>

```

```

        <asp:AdRotator ID="AdRotator1" runat="server" BorderStyle="Solid" Height="500px"
Width="80%" AdvertisementFile="~/ads.xml" />

```

```

    </form>

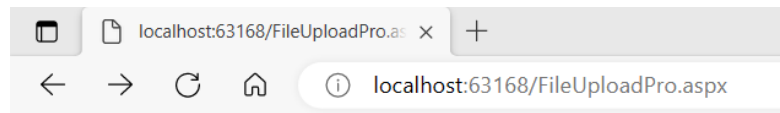
```

```
</body>
</html>
```

## **ads.xml**

```
<?xml version="1.0" encoding="utf-8" ?>
<Advertisements>
  <Ad>
    <ImageUrl>Images/A.jpg</ImageUrl>
    <NavigateUrl>https://www.amazon.in</NavigateUrl>
    <AlternateText>
      Amazon India online Shopping Site.
    </AlternateText>
    <Impressions>5</Impressions>
    <Keyword>shopping</Keyword>
  </Ad>
  <Ad>
    <ImageUrl>Images/B.jpg</ImageUrl>
    <NavigateUrl>https://www.flipkart.com</NavigateUrl>
    <AlternateText>
      Flipkart online Shopping Site.
    </AlternateText>
    <Impressions>5</Impressions>
    <Keyword>shopping</Keyword>
  </Ad>
  <Ad>
    <ImageUrl>Images/C.jpg</ImageUrl>
    <NavigateUrl>https://www.snapdeal.com</NavigateUrl>
    <AlternateText>
      Snapdeal online Shopping Site.
    </AlternateText>
    <Impressions>5</Impressions>
    <Keyword>shopping</Keyword>
  </Ad>
</Advertisements>
```

- **OUTPUT :**



### File Upload:

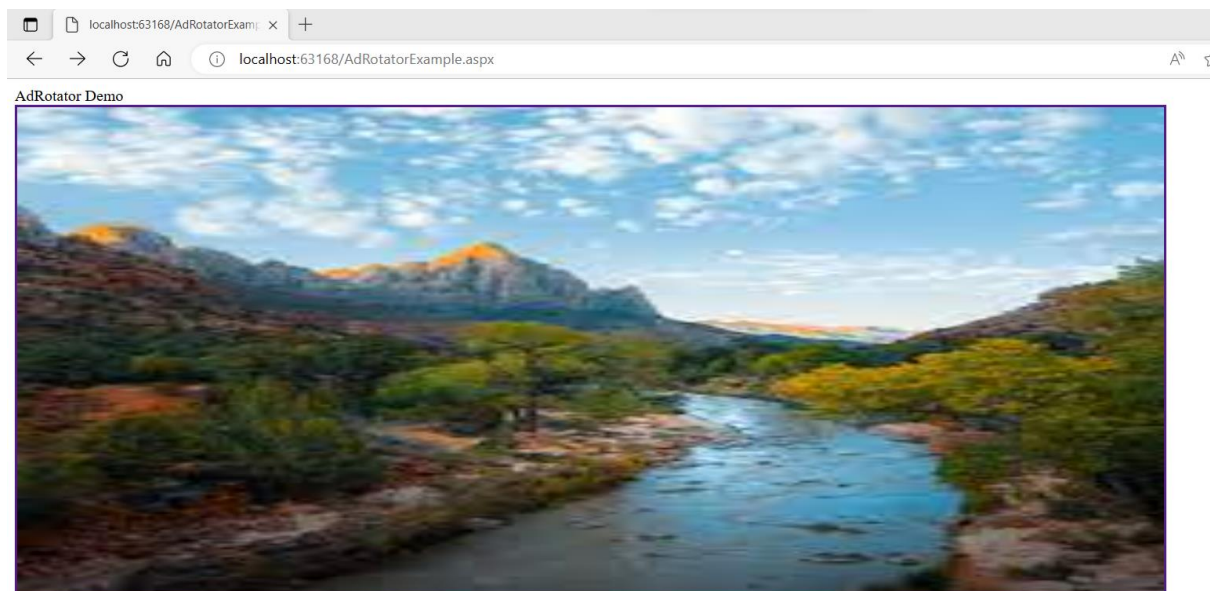
No file chosen

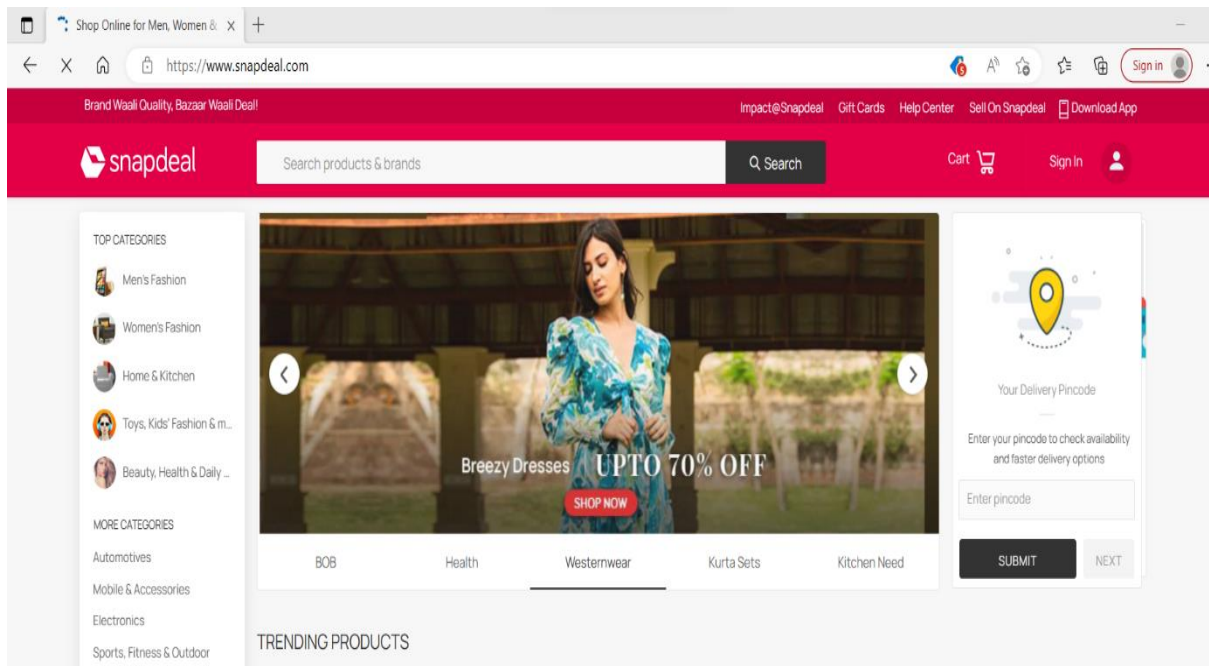
April 2023						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
1	2	3	4	5	6	7

Uploading file: APPLICATION.pdf  
Save As: APPLICATION.pdf  
File type: application/pdf  
File length: 1018794

Selected Date: 16 - 04 - 2023

[Ad-Rotator](#)





**Que.4. Design asp.net web form to demonstrate Validation controls in asp.net. After successful submission of data, show same data on another page.**

**Ans:**

- **CODE** –

## 1) Validation Control Form

### WebForm1.aspx

Validation Controls Form

Enter your name :  Name is Mandatory

Password  Password Required!!

Confirm Password  Confirm Password Password and confirm password are not matched

Enter Your Age  Age must be in range >= 18 and <= 50!

Enter your Email id  please enter proper email-id

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

```
<!DOCTYPE html>
```

[illegible]



[illegible]

## WebForm1.aspx.cs

```
using System;
using System.Collections.Generic;
using System.Linq;
```

```

using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace Validation
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            this.UnobtrusiveValidationMode = System.Web.UI.UnobtrusiveValidationMode.None;
        }

        protected void Submit_Click(object sender, EventArgs e)
        {
            Server.Transfer("WebForm2.aspx");
        }
    }
}

```

## 2) Validation Control Demo

### WebForm2.aspx

Validation Control Demo

Name : Label

Password : Label

Confirm Password : Label

Age : Label

Email-id : Label

```

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

```

```

<!DOCTYPE html>

```

```

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

```

```

<body>
  <form id="form1" runat="server">
    <div style="height: 568px">
      Validation Control Demo<br />
      <br />
      <br />
      <asp:Label runat="server" Text="Name : "></asp:Label>
      <asp:Label ID="lblName" runat="server" Text="Label"></asp:Label>
      <br />
      <br />
      <asp:Label ID="Label8" runat="server" Text="Password : "></asp:Label>
      <asp:Label ID="lblPass" runat="server" Text="Label"></asp:Label>
      <br />
      <br />
      <asp:Label ID="Label10" runat="server">Confirm Password : </asp:Label>
      <asp:Label ID="lblConPass" runat="server" Text="Label"></asp:Label>
      <br />
      <br />
      <asp:Label ID="Label12" runat="server" Text="Age : "></asp:Label>
      <asp:Label ID="lblAge" runat="server" Text="Label"></asp:Label>
      <br />
      <br />
      <asp:Label ID="Label13" runat="server" Text="Email-id : "></asp:Label>
      <asp:Label ID="lblMail" runat="server" Text="Label"></asp:Label>
    </div>
  </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 Validation
{
    public partial class WebForm2 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            Page lastPage = (Page)Context.Handler;
            lblName.Text = ((TextBox)lastPage.FindControl("TxtName")).Text;
            lblPass.Text = ((TextBox)lastPage.FindControl("TxtPass")).Text;
            lblConPass.Text = ((TextBox)lastPage.FindControl("TxtConPass")).Text;
        }
    }
}

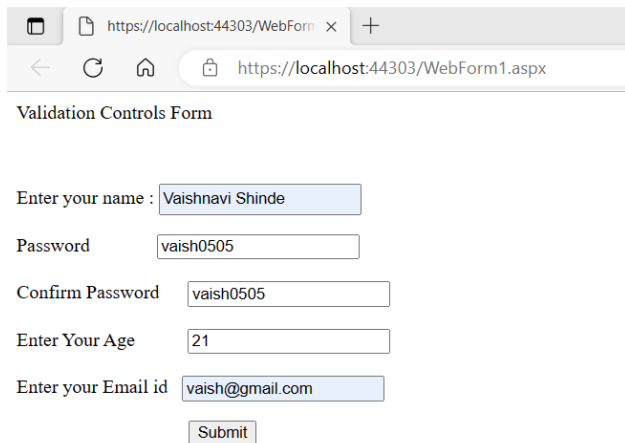
```

```

        lblAge.Text = ((TextBox)lastPage.FindControl("TxtAge")).Text;
        lblMail.Text = ((TextBox)lastPage.FindControl("TxtMail")).Text;
    }
}
}

```

## • OUTPUT :



Validation Controls Form

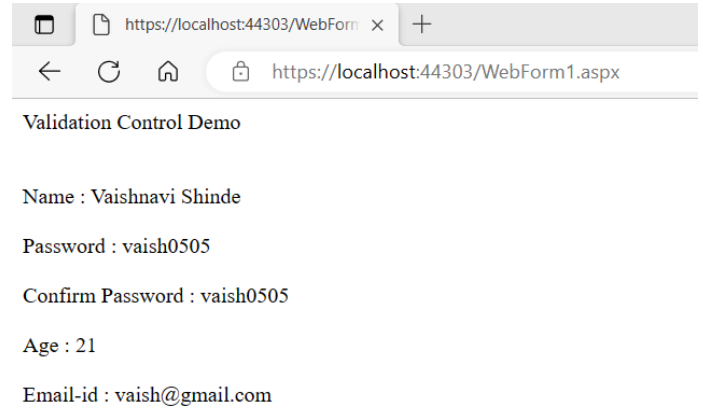
Enter your name :

Password

Confirm Password

Enter Your Age

Enter your Email id



Validation Control Demo

Name : Vaishnavi Shinde

Password : vaish0505

Confirm Password : vaish0505

Age : 21

Email-id : vaish@gmail.com

## Que.5.Design asp.net web application to demonstrate Master Page and Content Pages in asp.net.

Ans:

- CODE –

### Site1.Master

```
<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="Site1.master.cs"
Inherits="PracticalNo._2.Site1" %>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head runat="server">
```

```
    <title>Master Page Demonstartion</title>
```

```
    <link href="css/StyleSheet1.css" rel="stylesheet" />
```

```
    <asp:ContentPlaceHolder ID="head" runat="server">
```

```
    </asp:ContentPlaceHolder>
```

```
</head>
```

```
<body>
```

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

```
        <div id="header">
```

```
            <h1>Master Page Demonstration</h1>
```

```
        </div>
```

```
        <div id="nav">
```

```
            <ul>
```

```
                <li><a href="home.aspx">Home</a></li>
```

```
                <li><a href="#">About</a></li>
```

```
                <li><a href="#">Article</a></li>
```

```
                <li><a href="#">Contact</a></li>
```

```
            </ul>
```

```
        </div>
```

```
        <div id="right">
```

```
            <h1>News</h1>
```

```
            <a href="#">
```

```
                <p>Creating a asp.net website</p>
```

```
            </a>
```

```
            <a href="#">
```

```
                <p>Learn MVC</p>
```

```
            </a>
```

```
            <a href="#">
```

```
                <p>Learn Web Services</p></a>
```

```
        </div>
```

```
        <div id="con">
```

```
            <asp:ContentPlaceHolder ID="ContentPlaceHolder1" runat="server">
```

```
            </asp:ContentPlaceHolder>
```

```
        </div>
```

```
        <div id="footer">
```

```
            copyright @asp.net
```

```
        </div>
```

```
    </form>
```

```
</body>
```

</html>

## StyleSheet1.css

```
#header {
  color: #b91a1a;
  text-align: center;
  font-size: 20px;
}

#nav {
  background-color: #ff0000;
  color: #ff0000;
  text-align: center;
  padding: 5px;
}

ul {
  list-style-type: none;
}

li a {
  color: #F1FAEE;
  font-size: 30px;
  column-width: 5px;
}
li {
  display: inline;
  padding-left: 2px;
  column-width: 20px;
}
a {
  text-decoration: none;
  margin-left: 20px;
}
li a:hover {
  background-color: #F3FFBD;
  padding: 1%;
  color: #FF1654;
}
#news {
  text-align: right;
  padding-right: 2em;
  width: 25%;
  padding-bottom: 79%;
  background-color: #C7EFCF;
}

#footer {
  background-color: #C7EFCF;
  padding-bottom: 5%;
  text-align: center;
  font-size: 20px;
}
```

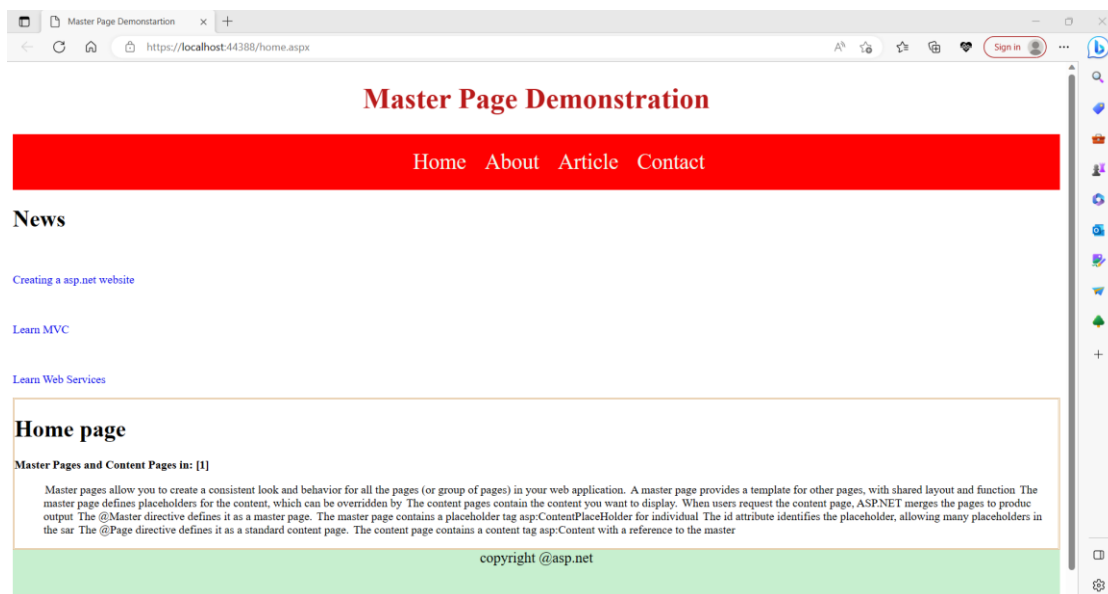
```
#con {
    border: double;
    border-color: burlywood;
}
```

## home.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="home.aspx.cs" Inherits="PracticalNo._2.home" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <h1>Home page</h1>
<b>Master Pages and Content Pages in: [1]</b>
<br />
<ul>
    <li>Master pages allow you to create a consistent look and behavior for all the pages (or group of
pages) in your web application.</li>
    <li>A master page provides a template for other pages, with shared layout and function</li>
    <li>The master page defines placeholders for the content, which can be overridden by</li>
    <li>The content pages contain the content you want to display.</li>
    <li>When users request the content page, ASP.NET merges the pages to produce output</li>
    <li>The @Master directive defines it as a master page. </li>
    <li>The master page contains a placeholder tag asp:ContentPlaceHolder for individual</li>
    <li>The id attribute identifies the placeholder, allowing many placeholders in the page</li>
    <li>The @Page directive defines it as a standard content page.
</li>
    <li>The content page contains a content tag asp:Content with a reference to the master</li>
</ul>

</asp:Content>
```

## • OUTPUT :



**Que.6. Design asp.net web form to demonstrate JQuery (use CDN JQuery library).**

**Ans:**

- **CODE –**

### **JQueryDemo.aspx**

S. No.	Student Name	Total Marks	Grade
1	Vaishnavi Shinde	500	5
2	Rupesh Ghadage	600	6
3	Suraj Koli	500	5
4	Nimish Aware	600	6
5	Vedant Jadhav	300	3
6	Shubham Waikar	500	5
7	Shraddha Khatavkar	600	6
8	Aditya Gaikwad	400	4

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="JQueryDemo.aspx.cs"
Inherits="JQueryDemo" %>
```

```
<!DOCTYPE html>
```

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

```
<head runat="server">
```

```
<title></title>
```

```
<style type="text/css">
```

```
body{font-family:Arial; font-size:14px;}
```

```
</style>
```

```
<script type="text/javascript"
```

```
src="http://ajax.googleapis.com/ajax/libs/jquery/1.3.2/jquery.min.js"></script>
```

```
<script type="text/javascript" >
```

```
$(document).ready(function () {
```

```
$("#tblStudents").css("font-style", "Arial");
```

```
$("#tblStudents tr:even").not('thead tr').css("background-color", "#ccc");
```

```
<%-- even row formatting --%>
```

```
$("#tblStudents tr:odd").css("background-color", "#f5f5f5"); <%-- odd row formatting --%>
```

```
$("#tblStudents th").css({ "padding": "5px 10px", "color": "#fff" }); <%--table heading font
formatting --%>
```

```
$("#tblStudents td").css("padding", "5px 10px");
```

```
$("#tblStudents tr th").css("background-color", "gray"); <%-- table heading row formatting --%>
});
```

```
</script>
```

```
</head>
```

```
<body>
```

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

```
<div>
```

```
<table id="tblStudents" runat="server">
```

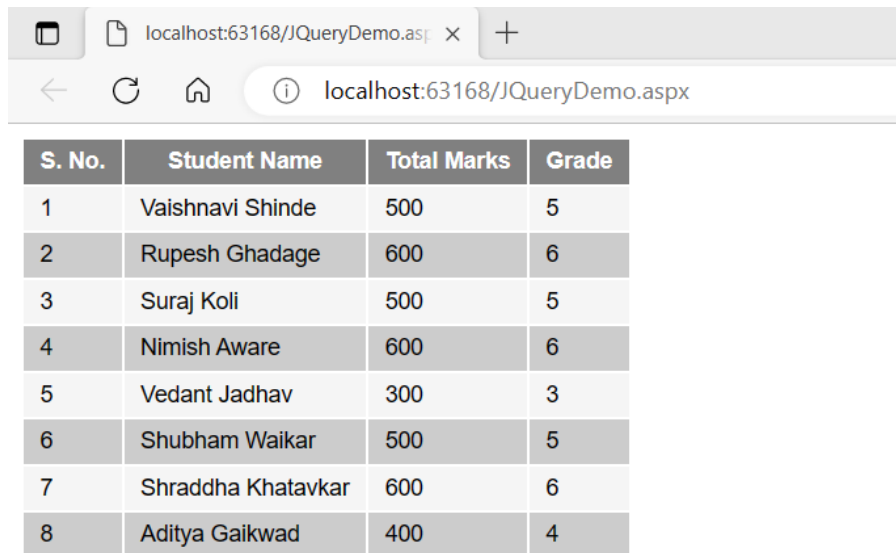
```
<thead>
```



```
<tr>
  <th>S. No. </th>
  <th> Student Name</th>
  <th>Total Marks</th>
  <th>Grade</th>
</tr>
</thead>
<tr>
  <td> 1 </td>
  <td> Vaishnavi Shinde</td>
  <td>500</td>
  <td>5</td>
</tr>
<tr>
  <td>2</td>
  <td>Rupesh Ghadage</td>
  <td> 600</td>
  <td>6 </td>
</tr>
<tr>
  <td>3</td>
  <td>Suraj Koli </td>
  <td>500</td>
  <td>5</td>
</tr>
<tr>
  <td>4 </td>
  <td>Nimish Aware </td>
  <td>600</td>
  <td>6</td>
</tr>
<tr>
  <td>5</td>
  <td>Vedant Jadhav </td>
  <td>300</td>
  <td>3</td>
</tr>
<tr>
  <td>6</td>
  <td>Shubham Waikar</td>
  <td>500</td>
  <td>5</td>
</tr>
<tr>
  <td>7</td>
  <td>Shraddha Khatavkar</td>
  <td>600</td>
  <td>6</td>
</tr>
<tr>
  <td>8</td>
  <td>Aditya Gaikwad</td>
  <td>400</td>
  <td> 4</td>
</tr>
```

```
</table>
</div>
</form>
</body>
</html>
```

- **OUTPUT :**



The screenshot shows a web browser window with the address bar displaying 'localhost:63168/JQueryDemo.aspx'. The browser window contains a table with 4 columns: 'S. No.', 'Student Name', 'Total Marks', and 'Grade'. The table has 8 rows of data.

S. No.	Student Name	Total Marks	Grade
1	Vaishnavi Shinde	500	5
2	Rupesh Ghadage	600	6
3	Suraj Koli	500	5
4	Nimish Aware	600	6
5	Vedant Jadhav	300	3
6	Shubham Waikar	500	5
7	Shraddha Khatavkar	600	6
8	Aditya Gaikwad	400	4

**Que.7.Design asp.net web form to demonstrate JQuery (download and use local JQuery library).**

**Ans:**

- **CODE –**

### **JQueryLocal.aspx**

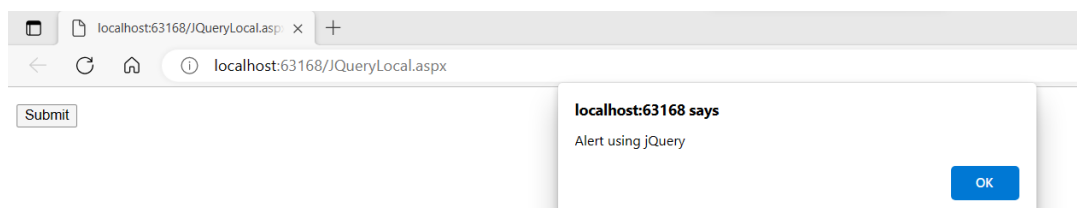


```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="JQueryLocal.aspx.cs" Inherits="JQueryLocal" %>
```

```
<!DOCTYPE html>
<script type="text/javascript" src="/Scripts/jquery-3.6.0.min.js"></script>
<script type="text/javascript" >
$(document).ready(function ()
{
$("#btnSubmit").click(function ()
{ alert("Alert using jQuery"); });
});

</script>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
<title></title>
</head>
<body>
<form id="form1" runat="server">
<div>
</div>
<p>
<asp:Button ID="btnSubmit" runat="server" Text="Submit" />
</p>
</form>
</body>
</html>
```

- **OUTPUT :**



**Que.8. Design asp.net web form to demonstrate AngularJS (use CDN).**

**Ans:**

- **CODE –**

**AngularJsCDN.aspx**



Name :

**Hello {{name}}**

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="AngularJsCDN.aspx.cs" Inherits="AngularJsCDN" %>
```

```
<!DOCTYPE html>
```

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

```
<head runat="server">
```

```
<title>AngularJS Demo</title>
```

```
</head>
```

```
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>
```

```
<body>
```

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

```
<div ng-app="">
```

```
<p>Name : <input type="text" ng-model="name"></p>
```

```
<h1>Hello {{name}}</h1>
```

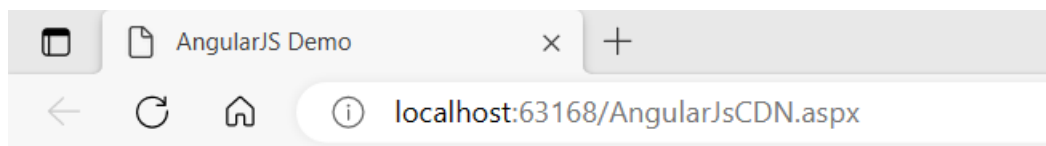
```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

- **OUTPUT :**



Name :

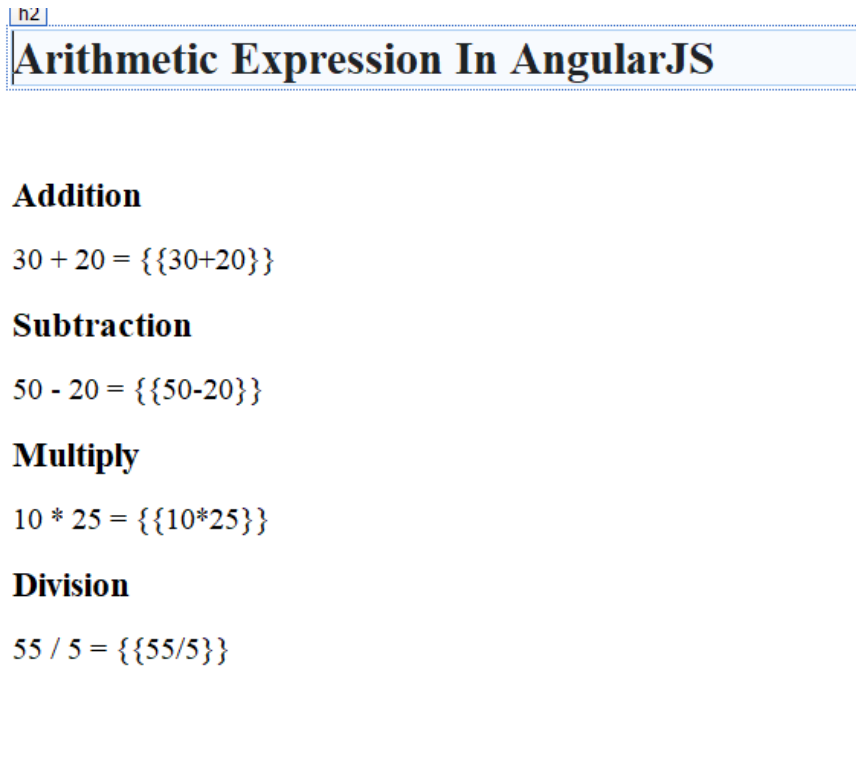
**Hello Ravindra Sir!!**

**Que.9. Design asp.net web form to demonstrate AngularJS (download and use local library).**

**Ans:**

- **CODE –**

**AngularJSLocal.aspx**



```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="AngularJsLocal.aspx.cs" Inherits="AngularJsLocal" %>
```

```
<!DOCTYPE html>
```

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

```
<head runat="server">
```

```
<title>Angular Js Demo</title>
```

```
<script src="Scripts/angular.min.js"></script>
```

```
</head>
```

```
<body ng-app="">
```

```
<h2>Arithmetic Expression In AngularJS</h2>
```

```
<br />
```

```
<h3>Addition</h3>
```

```
30 + 20 = {{30+20}}
```

```
<br />
```

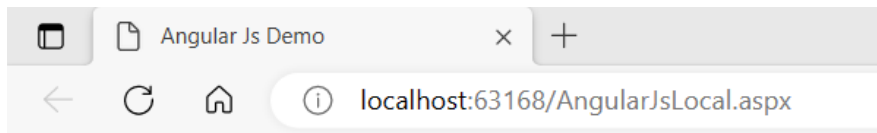
```
<h3>Subtraction</h3>
```

```
50 - 20 = {{50-20}}
```

```
<br />
<h3>Multiply</h3>
10 * 25 = {{10*25}}

<br />
<h3>Division</h3>
55 / 5 = {{55/5}}
</body>
</html>
```

- **OUTPUT :**



## **Arithmetic Expression In AngularJS**

### **Addition**

30 + 20 = 50

### **Subtraction**

50 - 20 = 30

### **Multiply**

10 \* 25 = 250

### **Division**

55 / 5 = 11

### Que.10. Design asp.net web form to demonstrate NodeJS.

Ans:

- **CODE –**

#### **index.pug**

extends layout

block content

h1= title

p Welcome to #{title}

script.

```
var f1 = function() { document.getElementById('myImage').src='#{data.item1}' }
```

script.

```
var f2 = function() { document.getElementById('myImage').src='#{data.item2}' }
```

script.

```
var f3 = function() { document.getElementById('myImage').src='#{data.item3}' }
```

button(onclick='f1()') One!

button(onclick='f2()') Two!

button(onclick='f3()') Three!

p

a: img(id='myImage' height='300' width='300' src=')

#### **index.js**

```
'use strict';
```

```
var express = require('express');
```

```
var router = express.Router();
```

```
/* GET home page. */
```

```
var getData = function () {
```

```
  var data = {
```

```
    'item1': 'https://images.unsplash.com/photo-1563422156298-c778a278f9a5',
```

```
    'item2': 'https://images.unsplash.com/photo-1620173834206-c029bf322dba',
```

```
    'item3': 'https://images.unsplash.com/photo-1602491673980-73aa38de027a'
```

```
  }
```

```
  return data;
```

```
}
```

```
router.get('/', function (req, res) {
```

```
  res.render('index', { title: 'Flowers Gallery', "data":getData() });
```

```
});
```

```
module.exports = router;
```

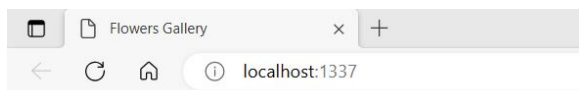
## users.js

```
'use strict';
var express = require('express');
var router = express.Router();

/* GET users listing. */
router.get('/', function (req, res) {
  res.send('respond with a resource');
});

module.exports = router;
```

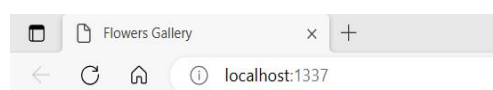
### • OUTPUT :



## Flowers Gallery

Welcome to Flowers Gallery

One! Two! Three!



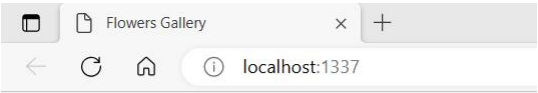
## Flowers Gallery

Welcome to Flowers Gallery

One! Two! Three!







# Flowers Gallery

Welcome to Flowers Gallery

One! Two! Three!

