Practical No 04

a) Create a Registration form to demonstrate use of various validation controls.

GUI:

Program Code:
.aspx

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

<!DOCTYPE html>

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

<head runat="server">

  <title></title>

</head>

<body id="txtemail">

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

<div>

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

<asp:TextBox ID="txtid" runat="server" ViewStateMode="Enabled"></asp:TextBox>

<asp:RangeValidator ID="RangeValidator1" runat="server" ControlToValidate="txtid"

ErrorMessage="id must be in 1 to 10" ForeColor="#FF3300" MaximumValue="100"

MinimumValue="1" Type="Integer"></asp:RangeValidator>

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

<asp:TextBox ID="txtname" runat="server" Height="16px" style="margin-left: 2px"
Width="121px"></asp:TextBox>

<asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"

ControlToValidate="txtname" ErrorMessage="name can't be empty"

ForeColor="#FF3300"></asp:RequiredFieldValidator>

<asp:Label ID="Label3" runat="server" Text=" "></asp:Label>

<asp:Label ID="Label4" runat="server" Text="Emp Address:"></asp:Label>

<asp:TextBox ID="txtadr" runat="server" Height="23px" TextMode="MultiLine"

Width="118px"></asp:TextBox>

\<br /\>

\ \ \ \ \ \ \ \ \ \

\<br /\>

\<asp:Label ID="Label6" runat="server" Text="Email:"\>\</asp:Label\>

\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

\<asp:TextBox ID="txte" runat="server" Width="120px"\>\</asp:TextBox\>

\

\<asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server"

ControlToValidate="txte" ErrorMessage="email incorrect" ForeColor="Red"

ValidationExpression="\w+([-+.']\w+)*@\w+([-.]\w+)*\.\w+([-

.]\w+)*"\>\</asp:RegularExpressionValidator\>

   \<br /\>

\<br /\>

\<asp:Label ID="Label7" runat="server" Text="Password:"\>\</asp:Label\>

\ \ \ \ \ \ \ \ \

\<asp:TextBox ID="txtpw" runat="server" TextMode="Password"\>\</asp:TextBox\>

   \<br /\>

\<br /\>

\<asp:Label ID="Label8" runat="server" Text="Re-enter:"\>\</asp:Label\>

\ \ \ \ \ \ \ \ \ \ \ \ \

\<asp:TextBox ID="txttype" runat="server" TextMode="Password"\>\</asp:TextBox\>

\ \<asp:CompareValidator ID="CompareValidator1" runat="server"

ControlToCompare="txtpw" ControlToValidate="txttype" ErrorMessage="password
mismatched" ForeColor="#CC6600"\>\</asp:CompareValidator\>

\ \

   \<br /\>

```
<br />

<asp:Button ID="btn1" runat="server" OnClick="btn1_Click" Text="Submit" />

         

<asp:Button ID="btn2" runat="server" OnClick="btn2_Click" Text="Reset" />

<br />

<br />

<br />

<asp:ValidationSummary ID="ValidationSummary1" runat="server" DisplayMode="List"

ForeColor="#FF3300" HeaderText="Please correct following errors"
ShowMessageBox="True"

/>

<br />

<asp:Label ID="Label9" runat="server" Text="ID"></asp:Label>

<br />

<asp:Label ID="Label10" runat="server" Text="NAME"></asp:Label>

<br />

<asp:Label ID="Label11" runat="server" Text="ADDRESS"></asp:Label>

<br />

<asp:Label ID="Label12" runat="server" Text="EMAIL"></asp:Label>

<br />

<br />

<br />

<br />

<br />

</div>

</form>

</body>
```

</html>

.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)

        {


        }

        protected void btn1_Click(object sender, EventArgs e)

        {

            Label9.Text = "ID" + " : " + txtid.Text;

            Label10.Text = "Name" + " : " + txtname.Text;

            Label11.Text = "Add" + " : " + txtadr.Text;

            Label12.Text = "Email" + " : " + txte.Text;

        }

        protected void btn2_Click(object sender, EventArgs e)

        {
```

```
        txtid.Text = "";

        txtname.Text = "";

        txtadr.Text = "";

        txte.Text = "";

        txtid.Focus();

    }

  }

}
```

Output:

Emp ID: 54

Emp Name: Tanvi

Emp Address: Mumbai

Email: tanvi@gmail.com

Password:

Re-enter:

Submit   Reset

ID : 54
Name : Tanvi
Add : Mumbai
Email : tanvi@gmail.com

b) Create a web form to demonstrate use of Adrotator Control.

GUI:
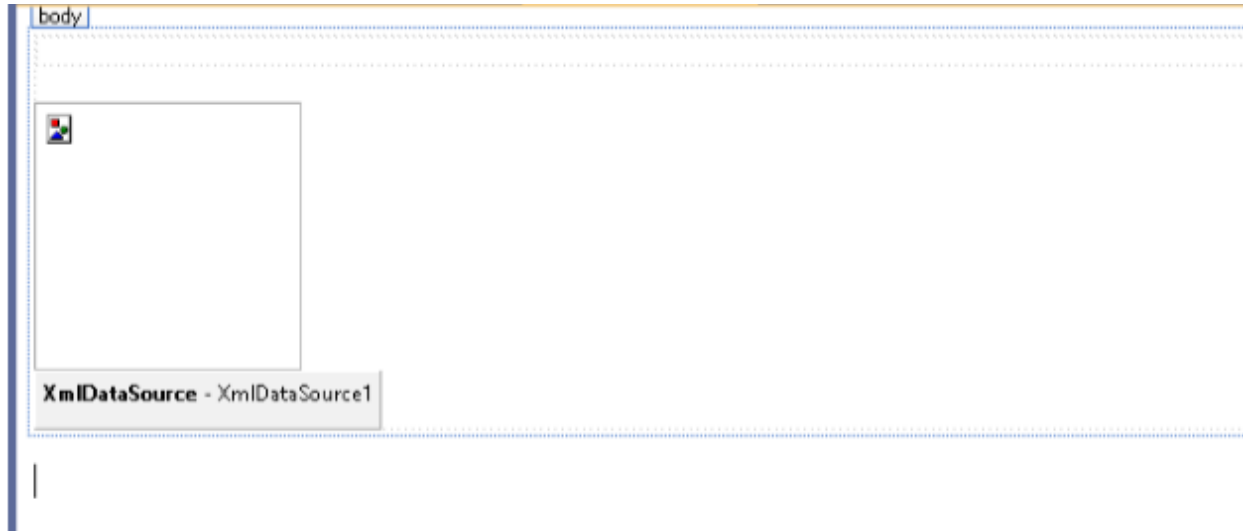
Program Code:

.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="_5216_5244_prac4B.WebForm1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml"><head runat="server">
<title></title></head><body>
<form id="form1" runat="server">
<div>
</div>
<p>
<asp:AdRotator ID="AdRotator1" runat="server" DataSourceID="XmlDataSource1"
Height="150px" OnAdCreated="AdRotator1_AdCreated" Width="150px" /><asp:XmlDataSource
ID="XmlDataSource1" runat="server" DataFile="~/XMLFile1.xml">
</asp:XmlDataSource>
</p>
</form>
</body>
</html>
```

.xml

```
<?xml version="1.0" encoding="utf-8" ?><Advertisements>
<Ad>
<ImageUrl>amazon.jpg</ImageUrl>
<NavigateUrl>https://www.amazon.in/</NavigateUrl>
<AlternateText>graphic card</AlternateText>
<Keyword>graphic card</Keyword>
<Impressions>20</Impressions>
</Ad>
<Ad>
<ImageUrl>meesho.jpg</ImageUrl>
<NavigateUrl>https://www.meesho.com/</NavigateUrl><AlternateText>motherboard</Alternate
Text>
<Keyword>motherboard</Keyword>
<Impressions>20</Impressions>
</Ad>
<Ad>
<ImageUrl>nike.jpg</ImageUrl>
<NavigateUrl>https://www.nike.com/in/</NavigateUrl>
<AlternateText>ram</AlternateText>
<Keyword>ram</Keyword>
<Impressions>20</Impressions>
</Ad>
</Advertisements>
```
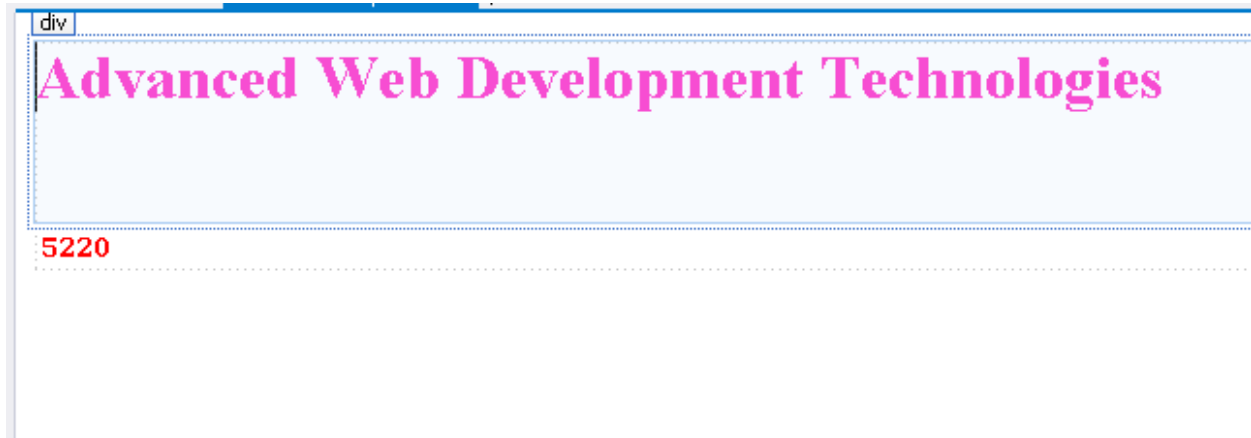
Output:
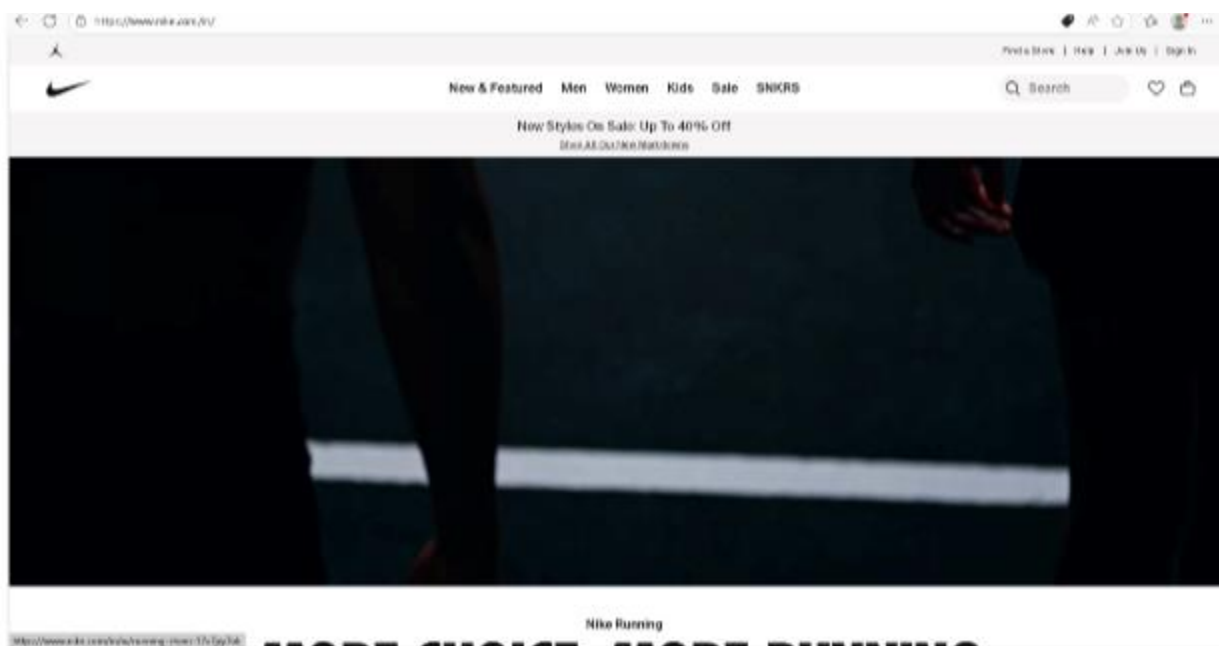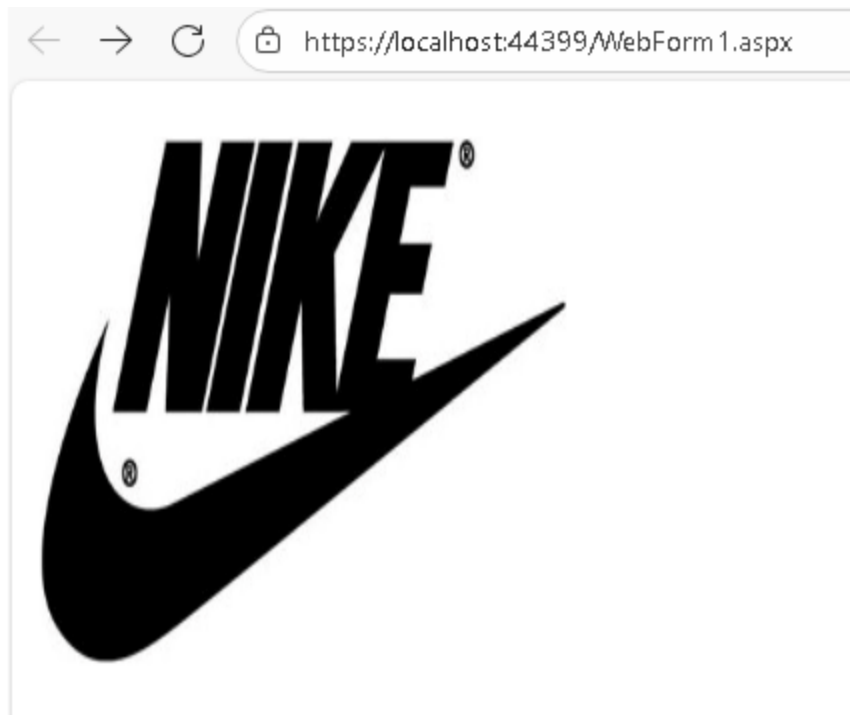
c)Create web form to demonstrate User controls.

GUI:

Program Code:

.ascx

```
<%@PageLanguage="C#"AutoEventWireup="true"CodeBehind="WebForm1.aspx.cs"Inherits="prac4c.WebForm1"%>
<%@RegisterSrc="/footer.ascx"TagName="footer"TagPrefix="STfooter"%>
<!DOCTYPEhtml>

<htmlxmlns="http://www.w3.org/1999/xhtml">
<headrunat="server">
<title></title>
</head>
<body>
<formid="form1"runat="server">
<div>
<asp:LabelID="Label1"runat="server"Font-Bold="True"Font-Size="XX-Large"ForeColor="#FF33CC"Text="Advanced Web Development Technologies"></asp:Label>
<br/>
<br/>
<br/>
<br/>
</div>
<STfooter:footerID="footer1"runat="server"/>
</form>
<p>
 </p>
</body>
</html>
```

.footer.ascx

```
<%@ControlLanguage="C#"AutoEventWireup="true"CodeBehind="footer.ascx.cs"Inherits="prac4c.WebUserControl1"%>
<table>
<tr>
```

```
<tdalign="center"style="font-family: Cambria; background-color: #00CCFF font-size: 14px;
text-decoration:
blink; color: #FF0000; font-weight: bold;">5220</td>
</tr>
</table>
```

Output: