

PRACTICAL NO.4

A. AIM: Create registration form to demonstrate the use of various validation controls.

CODE:

```
using System;
using System.Collections.Generic;using System.Linq;
using System.Web; using System.Web.UI;
using System.Web.UI.WebControls;
namespace WebApplication71
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
        }
        protected void CustomValidator1_ServerValidate(object source, ServerValidateEventArgs args)
        {
            string str = args.Value;args.IsValid = false;
            if (str.Length < 7 || str.Length > 20)
            {
                return;
            }
        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            Response.Write("Submitted");
        }
    }
}
```

SOURCE CODE:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="WebApplication71.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" Text="Enter Name"></asp:Label>
<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
<asp:RequiredFieldValidator ID="RequiredFieldValidator2" runat="server"
ControlToValidate="TextBox1" ErrorMessage="Name Required"></asp:RequiredFieldValidator>
<br />
```

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```
<asp:Label ID="Label2" runat="server" Text="Enter Password"></asp:Label>
<asp:TextBox ID="TextBox2" runat="server" TextMode="Password"></asp:TextBox>
<asp:RequiredFieldValidator ID="RequiredFieldValidator3" runat="server"
ControlToValidate="TextBox2" Display="Dynamic" ErrorMessage="Password
Required"></asp:RequiredFieldValidator>
<br />
<asp:Label ID="Label3" runat="server" Text="Confirm Password"></asp:Label>
<asp:TextBox ID="TextBox3" runat="server" TextMode="Password"></asp:TextBox>
<asp:RequiredFieldValidator ID="RequiredFieldValidator4" runat="server"
ControlToValidate="TextBox3" Display="Dynamic" ErrorMessage="Password
Required"></asp:RequiredFieldValidator>
<asp:CompareValidator ID="CompareValidator1" runat="server" ControlToCompare="TextBox2"
ControlToValidate="TextBox3" Display="Dynamic" ErrorMessage="Enter Same
Password"></asp:CompareValidator>
<br />
<asp:Label ID="Label4" runat="server" Text="Enter Your Age"></asp:Label>
<asp:TextBox ID="TextBox4" runat="server"></asp:TextBox>
<asp:RequiredFieldValidator ID="RequiredFieldValidator5" runat="server"
ControlToValidate="TextBox4" Display="Dynamic" ErrorMessage="Age
Required"></asp:RequiredFieldValidator>
<asp:RangeValidator ID="RangeValidator1" runat="server" ControlToValidate="TextBox4"
Display="Dynamic" ErrorMessage="Age should be between 21 to 30" MaximumValue="30"
MinimumValue="21" Type="Integer"></asp:RangeValidator>
<br />
<asp:Label ID="Label5" runat="server" Text="Enter your Email Id"></asp:Label>
<asp:TextBox ID="TextBox5" runat="server"></asp:TextBox>
<asp:RequiredFieldValidator ID="RequiredFieldValidator6" runat="server"
ControlToValidate="TextBox5" Display="Dynamic" ErrorMessage="Email Id
required"></asp:RequiredFieldValidator>
<asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server"
ControlToValidate="TextBox5" Display="Dynamic" ErrorMessage="Email Id should be proper"
ValidationExpression="\w+([-+.']\w+)*@\w+([-.\w+)*\.\w+([-
.]\w+)*"></asp:RegularExpressionValidator>
<br />
<asp:Label ID="Label6" runat="server" Text="User Id"></asp:Label>
```

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```
<asp:TextBox ID="TextBox6" runat="server"></asp:TextBox>
<asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"
ControlToValidate="TextBox6" Display="Dynamic" ErrorMessage="User Id
required"></asp:RequiredFieldValidator>
<asp:CustomValidator ID="CustomValidator1" runat="server" ControlToValidate="TextBox6"
Display="Dynamic" ErrorMessage="UserId should write properly"
OnServerValidate="CustomValidator1_ServerValidate"
ValidateEmptyText="True"></asp:CustomValidator>
<br />
<asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Button" />
</div>
</form>
<p>
&nbsp;</p>
</body>
</html>
```

OUTPUT:

Registration Form

Name:

User ID:

Password:

Confirm Password:

Age: Age must be between 21 and 30.

Email ID:

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B. AIM: create web form to demonstrate use user control

CODE:

XMLFile1.xml

```
<?xml version="1.0" encoding="utf-8" ?>
<Advertisements>
  <Ad>
    <ImageUrl>~/Images/coke.jpeg</ImageUrl>
    <Impressions>2</Impressions>
  </Ad>
  <Ad>
    <ImageUrl>~/Images/frooti.jpeg</ImageUrl>
    <Impressions>2</Impressions>
  </Ad>
  <Ad>
    <ImageUrl>~/Images/pepsi.jpeg</ImageUrl>
    <Impressions>2</Impressions>
  </Ad>
</Advertisements>
```

SOURCE CODE:

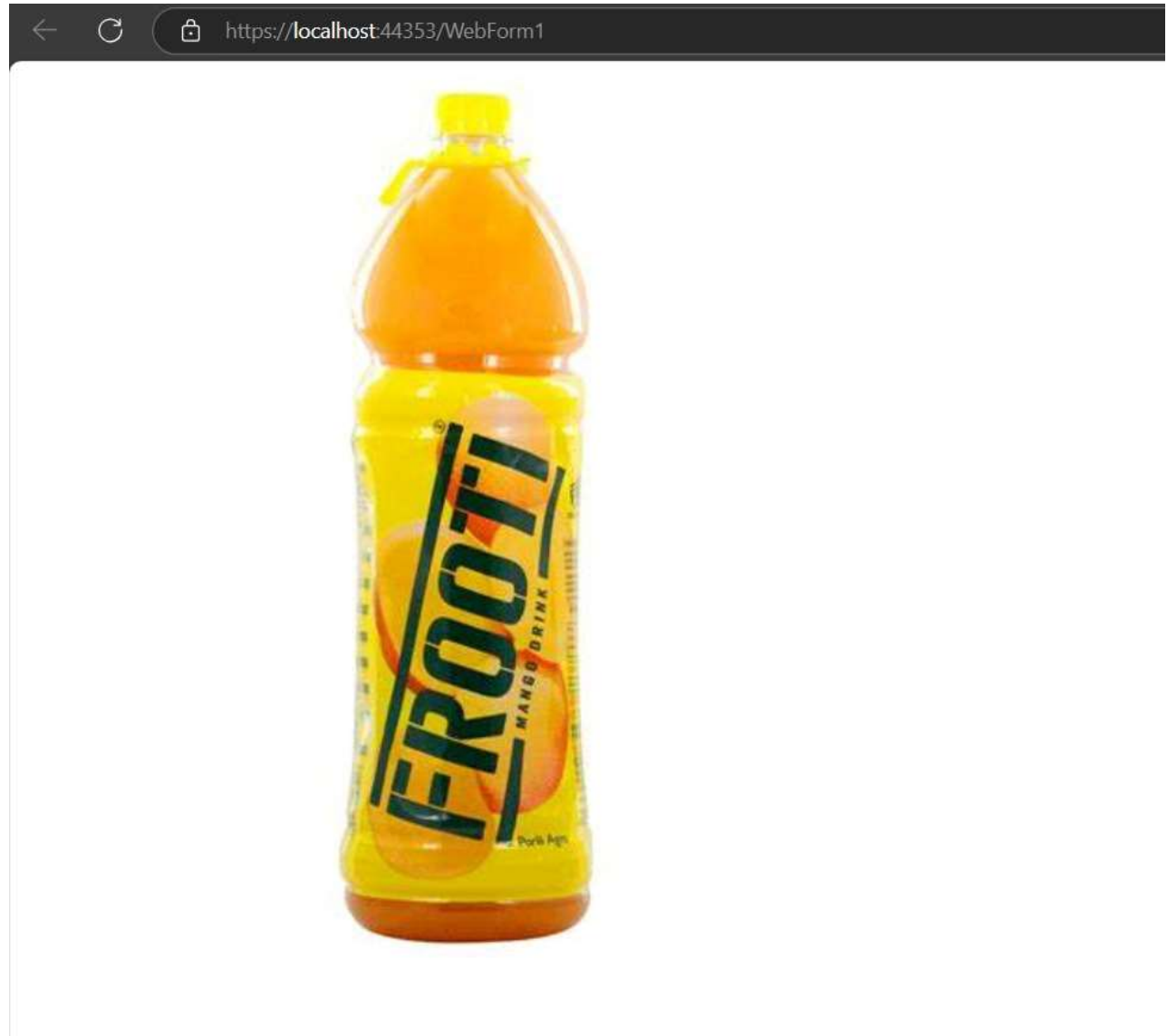
```
@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="pra4b.WebForm1" %>
```

```
<!DOCTYPE html>
```

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

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OUTPUT:



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C. AIM: create web form to demonstrate use user control

CODE:

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

namespace WebApplication80
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            TextBox1.Text = "hello Guest: " + TextBox1.Text;
        }
    }
}
```

SOURCE CODE:

```
<%@ Page Language="C#" AutoEventWireup="true"
CodeBehind="WebForm1.aspx.cs" Inherits="WebApplication81.WebForm1" %>
<%@ Register Src="~/WebUserControl1.ascx" TagName="WebUserControl"
TagPrefix="uc1" %>
<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
<title></title>
</head>
<body>
<form id="form1" runat="server">
<div>
<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
<asp:Button ID="Button1" runat="server" OnClick="Button1_Click"
Text="Button" />
<uc1:WebUserControl id="WebUserControl" runat="server" />
<br />
<br />
<asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
</div>
</form>
</body>
</html>
```

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OUTPUT:

hello Guest: Menu	Button	Menu	Welcome Menu	Button