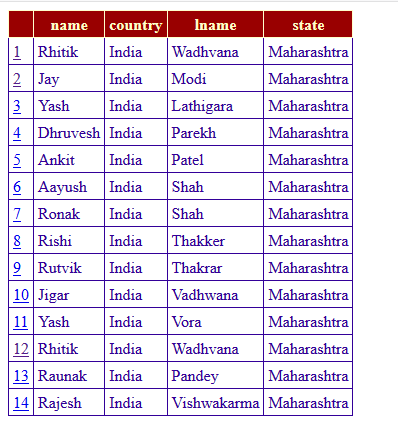
**OUTPUT:**



**9A. Create a web application to demonstrate use of GridView control template and GridView hyperlink.**

**CODE:**

***Default.aspx***

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

<!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>

</head>

<body>

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

<div>

<asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="False"

BackColor="White" BorderColor="#CC9966" BorderStyle="None" BorderWidth="1px"

CellPadding="4" DataSourceID="SqlDataSource1">

<Columns>

<asp:HyperLinkField DataNavigateUrlFields="name"

DataNavigateUrlFormatString="~/Default2.aspx?name={0}" DataTextField="id" />

<asp:BoundField DataField="name" HeaderText="name" SortExpression="name" />

<asp:BoundField DataField="country" HeaderText="country"

SortExpression="country" />

<asp:BoundField DataField="lname" HeaderText="lname" SortExpression="lname" />

<asp:BoundField DataField="state" HeaderText="state" SortExpression="state" />

</Columns>

<FooterStyle BackColor="#FFFFCC" ForeColor="#330099" />

<HeaderStyle BackColor="#990000" Font-Bold="True" ForeColor="#FFFFCC" />

<PagerStyle BackColor="#FFFFCC" ForeColor="#330099" HorizontalAlign="Center" />

<RowStyle BackColor="White" ForeColor="#330099" />

<SelectedRowStyle BackColor="#FFCC66" Font-Bold="True" ForeColor="#663399" />

<SortedAscendingCellStyle BackColor="#FEFCEB" />

<SortedAscendingHeaderStyle BackColor="#AF0101" />

<SortedDescendingCellStyle BackColor="#F6F0C0" />

<SortedDescendingHeaderStyle BackColor="#7E0000" />

</asp:GridView>

<asp:SqlDataSource ID="SqlDataSource1" runat="server"

ConnectionString="<%$ ConnectionStrings:ConnectionString %>"

SelectCommand="SELECT \* FROM [test2]"></asp:SqlDataSource>

</div>

</form>

</body>

</html>

***Default.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 \_Default : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

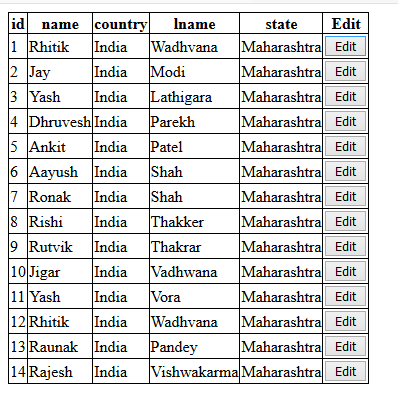
GridView1.PageIndex = e.NewPageIndex;

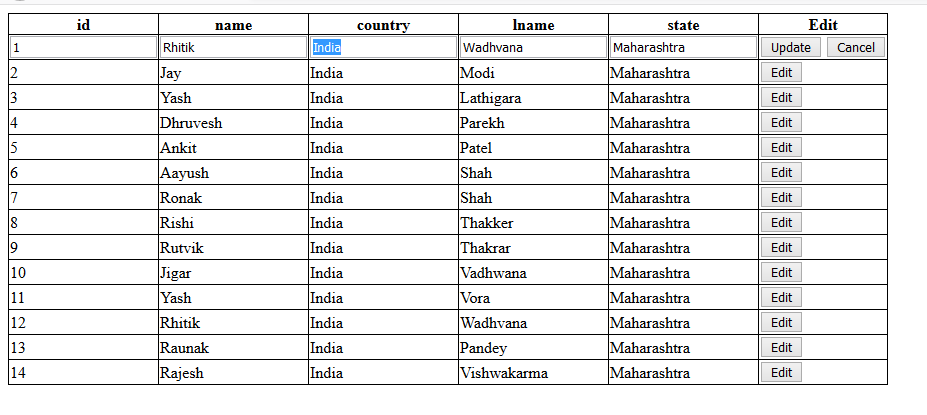
methodname();

}

}

**OUTPUT:**





**9B. Create a web application to demonstrate use of GridView button column and GridView events.**

**CODE:**

***Default.aspx***

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

<!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>

</head>

<body>

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

<asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="False"

DataSourceID="SqlDataSource1">

<Columns>

<asp:BoundField DataField="id" HeaderText="id" SortExpression="id" />

<asp:BoundField DataField="name" HeaderText="name" SortExpression="name" />

<asp:BoundField DataField="country" HeaderText="country"

SortExpression="country" />

<asp:BoundField DataField="lname" HeaderText="lname" SortExpression="lname" />

<asp:BoundField DataField="state" HeaderText="state" SortExpression="state" />

<asp:CommandField ButtonType="Button" HeaderText="Edit" ShowEditButton="True"

ShowHeader="True" />

</Columns>

</asp:GridView>

<asp:SqlDataSource ID="SqlDataSource1" runat="server"

ConnectionString="<%$ ConnectionStrings:ConnectionString %>"

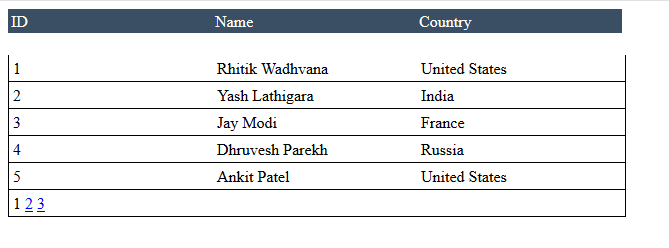
SelectCommand="SELECT \* FROM [test2]"></asp:SqlDataSource>

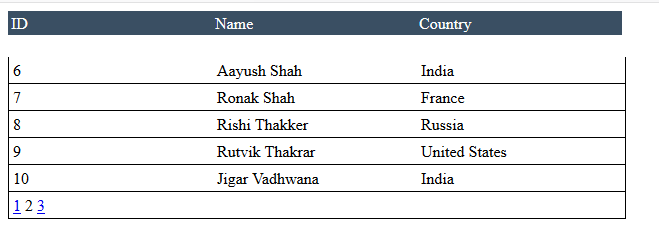
</form>

</body>

</html>

**OUTPUT:**





**9C. Create a web application to demonstrate use of GridView paging and creating own table format using GridView.**

**CODE:**

***Default.aspx***

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

<!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 id="Head1" runat="server">

<title></title>

</head>

<body>

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

<div>

<table runat="server" style="color: White; background-color: #3A4F63;"

id="headerTable">

<tr>

<td style="width: 200px; background-color: #3A4F63; color: White;">

ID

</td>

<td style="width: 200px;">

Name

</td>

<td style="width: 200px;">

Country

</td>

</tr>

</table>

<!-- These are the actual data items -->

<!-- Bind to your specific properties i.e. Employees. -->

<asp:GridView ID="GridView1" runat="server" HeaderStyle-ForeColor="White"

AutoGenerateColumns="false" AllowPaging="True"

onpageindexchanging="GridView1\_PageIndexChanging" PageSize="5">

<columns>

<asp:TemplateField>

<ItemTemplate>

<table>

<tr>

<td style="width: 200px;"> <asp:Label ID="lblid" runat="server" Text='<%#Eval("Id") %>'></asp:Label>

</td>

<td style="width: 200px;"> <asp:Label ID="lblName" runat="server" Text='<%#Eval("Name") %>'></asp:Label>

</td>

<td style="width: 200px;"> <asp:Label ID="Country" runat="server" Text='<%#Eval("Country") %>'></asp:Label>

</td>

</tr>

</table>

</ItemTemplate>

</asp:TemplateField>

</columns>

</asp:GridView>

</div>

</form>

</body>

</html>

***Default.aspx.cs***

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data;

public partial class \_Default : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

if (!this.IsPostBack)

{

methodname();

}

}

public void methodname()

{

DataTable dt = new DataTable();

dt.Columns.AddRange(new DataColumn[3] { new DataColumn("Id", typeof(int)),

new DataColumn("Name", typeof(string)),

new DataColumn("Country",typeof(string)) });

dt.Rows.Add(1, "Dhruvesh Parekh", "United States");

dt.Rows.Add(2, "Yash Lathigara", "India");

dt.Rows.Add(3, "Jay Modi", "France");

dt.Rows.Add(4, "Dhruvesh Parekh", "Russia");

dt.Rows.Add(5, "Ankit Patel", "United States");

dt.Rows.Add(6, "Aayush Shah", "India");

dt.Rows.Add(7, "Ronak Shah", "France");

dt.Rows.Add(8, "Rishi Thakker", "Russia");

dt.Rows.Add(9, "Rutvik Thakrar", "United States");

dt.Rows.Add(10, "Jigar Vadhwana", "India");

dt.Rows.Add(11, "Yash Vora", "France");

dt.Rows.Add(12, "Raunak Pandey", "Russia");

dt.Rows.Add(11, "Rajesh Vishwakarma", "France");

GridView1.DataSource = dt;

GridView1.DataBind();

}

protected void GridView1\_PageIndexChanging(object sender, GridViewPageEventArgs e)

{

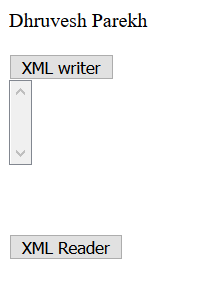
GridView1.PageIndex = e.NewPageIndex;

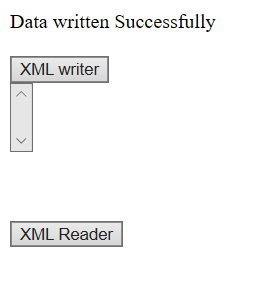
methodname();

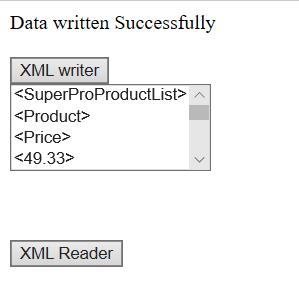
}

}

**OUTPUT:**







**10A. Create a web application to demonstrate reading and writing operation with XML.**

**CODE:**

***Default.aspx***

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

<!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 id="Head1" runat="server"> <title></title> </head>

<body>

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

<div>

<asp:Label ID="Label1" runat="server" Text="Dhruvesh Parekh"></asp:Label> <br /> <br />

<asp:Button ID="Button1" runat="server" Text="XML writer" onclick="Button1\_Click" />

<br />

<asp:ListBox ID="ListBox1" runat="server"></asp:ListBox>

<br /> <br /> <br /> <br />

<asp:Button ID="Button2" runat="server" Text="XML Reader" onclick="Button2\_Click" />

</div>

</form>

</body>

</html>

***Default.aspx.cs***

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Xml;

public partial class \_Default : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void Button1\_Click(object sender, EventArgs e)

{

String fs = "C:\\Users\\asus\\Documents\\Visual Studio 2010\\WebSites\\WebSite1\\XMLFile.xml";

XmlTextWriter w = new XmlTextWriter(fs, null);

w.WriteStartDocument();

w.WriteStartElement("SuperProProductList");

w.WriteComment("This file generated by the XmlTextWriter class."); // Write the first product.

w.WriteStartElement("Product");

w.WriteAttributeString("ID", "1");

w.WriteAttributeString("Name", "Chair");

w.WriteStartElement("Price");

w.WriteString("49.33");

w.WriteEndElement();

w.WriteEndElement();

// Write the second product.

w.WriteStartElement("Product");

w.WriteAttributeString("ID", "2");

w.WriteAttributeString("Name", "Car");

w.WriteStartElement("Price");

w.WriteString("43399.55");

w.WriteEndElement();

w.WriteEndElement();

// Write the third product.

w.WriteStartElement("Product");

w.WriteAttributeString("ID", "3");

w.WriteAttributeString("Name", "Fresh Fruit Basket");

w.WriteStartElement("Price");

w.WriteString("49.99");

w.WriteEndElement();

w.WriteEndElement();

// Close the root element.

w.WriteEndElement();

w.WriteEndDocument();

w.Close();

Label1.Text = "Data written Successfully";

}

protected void Button2\_Click(object sender, EventArgs e)

{

String fs = "C:\\Users\\asus\\Documents\\Visual Studio 2010\\WebSites\\WebSite1\\XMLFile.xml";

XmlTextReader reader = new XmlTextReader(fs); while (reader.Read())

{

switch (reader.NodeType)

{

case XmlNodeType.Element: ListBox1.Items.Add("<" + reader.Name + ">"); break;

case XmlNodeType.Text: ListBox1.Items.Add("<" + reader.Value + ">"); break;

case XmlNodeType.EndElement: ListBox1.Items.Add("<" + reader.Name + ">"); break;

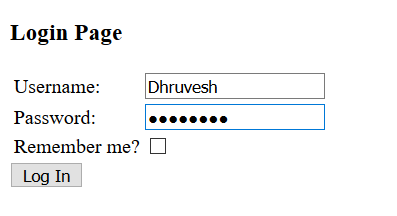
}

}

}

}

**OUTPUT:**





**10B. Create a web application to demonstrate Form Security and Windows Security with proper Authentication and Authorization properties.**

**CODE:**

***Default.aspx***

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

<!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 id="Head1" runat="server"> <title></title> </head>

<body>

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

<h3>Login Page</h3>

<table>

<tr>

<td>Username:</td>

<td><asp:TextBox ID="UserName" runat="server" /></td>

<td><asp:RequiredFieldValidator ID="RequiredFieldValidator1" ControlToValidate="UserName" Display="Dynamic" ErrorMessage="Cannot be empty." runat="server" /></td>

</tr>

<tr>

<td>Password:</td>

<td><asp:TextBox ID="UserPass" TextMode="Password" runat="server" /></td>

<td><asp:RequiredFieldValidator ID="RequiredFieldValidator2" ControlToValidate="UserPass" ErrorMessage="Cannot be empty." runat="server" /></td>

</tr>

<tr>

<td>Remember me?</td>

<td><asp:CheckBox ID="chkboxPersist" runat="server" /></td>

</tr>

</table>

<asp:Button ID="Submit1" OnClick="Login\_Click" Text="Log In" runat="server" />

<p><asp:Label ID="Msg" ForeColor="red" runat="server" /></p>

</form>

</body>

</html>

***Default.aspx.cs***

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Web.Security;

public partial class \_Default : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void Login\_Click(object sender, EventArgs e)

{

if (FormsAuthentication.Authenticate(UserName.Text, UserPass.Text))

{

FormsAuthentication.RedirectFromLoginPage(UserName.Text, chkboxPersist.Checked);

Session["username"] = UserName.Text; Response.Redirect("Welcome.aspx");

}

else { Msg.Text = "Invalid User Name and/or Password"; }

}

}

***Web.config***

<?xml version="1.0"?>

<!-- For more information on how to configure your ASP.NET application, please visit http://go.microsoft.com/fwlink/?LinkId=169433 -->

<configuration>

<appSettings>

<add key="ValidationSettings:UnobtrusiveValidationMode" value="None" />

</appSettings>

<system.web>

<compilation debug="false" targetFramework="4.0" />

<authentication mode="Forms">

<forms loginUrl="Default.aspx" defaultUrl="Welcome.aspx">

<credentials passwordFormat="Clear">

<user name="Jay" password="Jay" />

<user name="Yash" password="Yash"/>

<user name="Dhruvesh" password="Dhruvesh"/>

<user name="Ankit" password="Ankit"/>

<user name="Aayush" password="Aayush"/>

<user name="Ronak" password="Ronak"/>

<user name="Rishi" password="Rishi"/>

<user name="Rutvik" password="Rutvik"/>

<user name="Jigar" password="Jigar"/>

<user name="Dhruvesh" password="Dhruvesh"/>

</credentials>

</forms>

</authentication>

<authorization>

<deny users="?"/>

</authorization>

</system.web>

</configuration>

***Welcome.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 Welcome : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

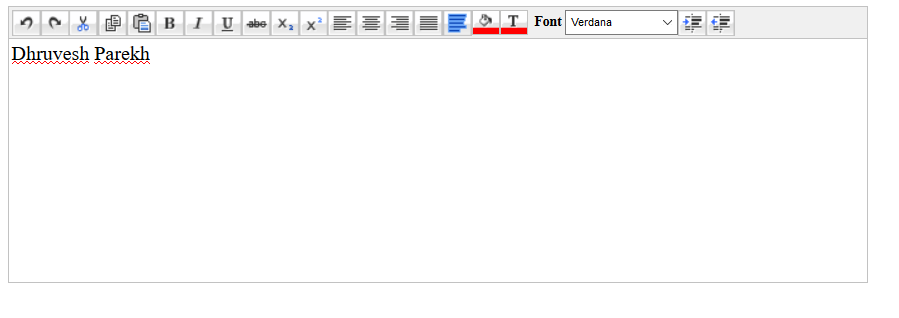
Response.Write("Welcome " + Session["username"]);

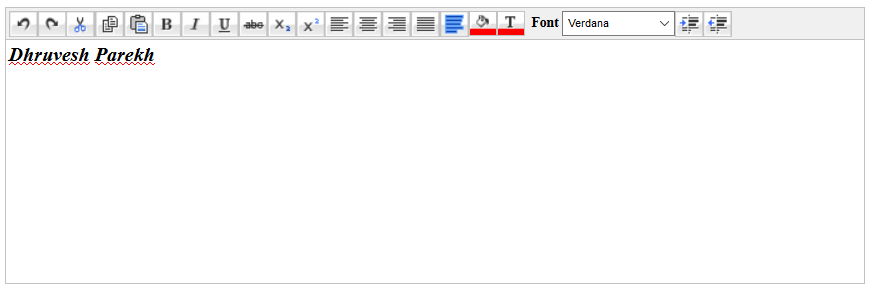
}

}

**OUTPUT:**

Dhruvesh:





**10C(i). Create a web application to demonstrate use of various Ajax controls.**

**CODE:**

***Default.aspx***

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

<%@ Register Assembly="AjaxControlToolkit" Namespace="AjaxControlToolkit" TagPrefix="ajaxToolkit" %>

<!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 id="Head1" runat="server"> <title></title> </head>

<body>

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

<div>

<asp:ScriptManager runat="server" ID="MainScriptManager" />

<asp:TextBox ID="TextBox1" runat="server" Height="210px" TextMode="MultiLine" Width="683px"></asp:TextBox>

<ajaxToolkit:HtmlEditorExtender ID="HtmlEditorExtender1" runat="server" EnableSanitization="False" TargetControlID="TextBox1">

<Toolbar>

<ajaxToolkit:Undo />

<ajaxToolkit:Redo />

<ajaxToolkit:Cut />

<ajaxToolkit:Copy />

<ajaxToolkit:Paste />

<ajaxToolkit:Bold />

<ajaxToolkit:Italic />

<ajaxToolkit:Underline />

<ajaxToolkit:StrikeThrough />

<ajaxToolkit:Subscript />

<ajaxToolkit:Superscript />

<ajaxToolkit:JustifyLeft />

<ajaxToolkit:JustifyCenter />

<ajaxToolkit:JustifyRight />

<ajaxToolkit:JustifyFull />

<ajaxToolkit:SelectAll />

<ajaxToolkit:BackgroundColorSelector />

<ajaxToolkit:ForeColorSelector />

<ajaxToolkit:FontNameSelector />

<ajaxToolkit:Indent />

<ajaxToolkit:Outdent />

</Toolbar>

</ajaxToolkit:HtmlEditorExtender>

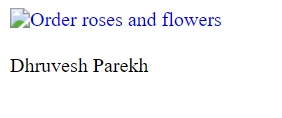
</div>

</form>

</body>

</html>

**OUTPUT:**



**10C(ii). Create a web application to demonstrate dynamic AdRotator.**

**CODE:**

***Default.aspx***

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

<!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 id="Head1" runat="server"> <title></title> </head>

<body>

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

<div>

<asp:ScriptManager ID="ScriptManager1" runat="server"> </asp:ScriptManager>

<asp:Timer ID="Timer1" runat="server" Interval="2000"> </asp:Timer>

<asp:UpdatePanel ID="UpdatePanel1" runat="server">

<Triggers>

<asp:AsyncPostBackTrigger ControlID="Timer1" EventName="Tick" />

</Triggers>

<ContentTemplate>

<asp:AdRotator ID="AdRotator1" runat="server" DataSourceID="XmlDataSource1" Height="200px" Width="200px" />

<asp:XmlDataSource ID="XmlDataSource1" runat="server" DataFile="~/XMLFile.xml"> </asp:XmlDataSource>

<br />

<br />

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

</ContentTemplate>

</asp:UpdatePanel>

</div>

</form>

</body>

</html>

***XMLFile.xml***

<?xml version="1.0" encoding="utf-8" ?>

<Advertisements>

<Ad>

<ImageUrl>rose1.jpg</ImageUrl>

<NavigateUrl>http://www.1800flowers.com</NavigateUrl>

<AlternateText> Order flowers, roses, gifts and more </AlternateText>

<Impressions>20</Impressions>

<Keyword>flowers</Keyword>

</Ad>

<Ad>

<ImageUrl>rose2.jpg</ImageUrl>

<NavigateUrl>http://www.babybouquets.com.au</NavigateUrl>

<AlternateText>Order roses and flowers</AlternateText>

<Impressions>20</Impressions>

<Keyword>gifts</Keyword>

</Ad>

<Ad>

<ImageUrl>rose3.jpg</ImageUrl>

<NavigateUrl>http://www.flowers2moscow.com</NavigateUrl>

<AlternateText>Send flowers to Russia</AlternateText>

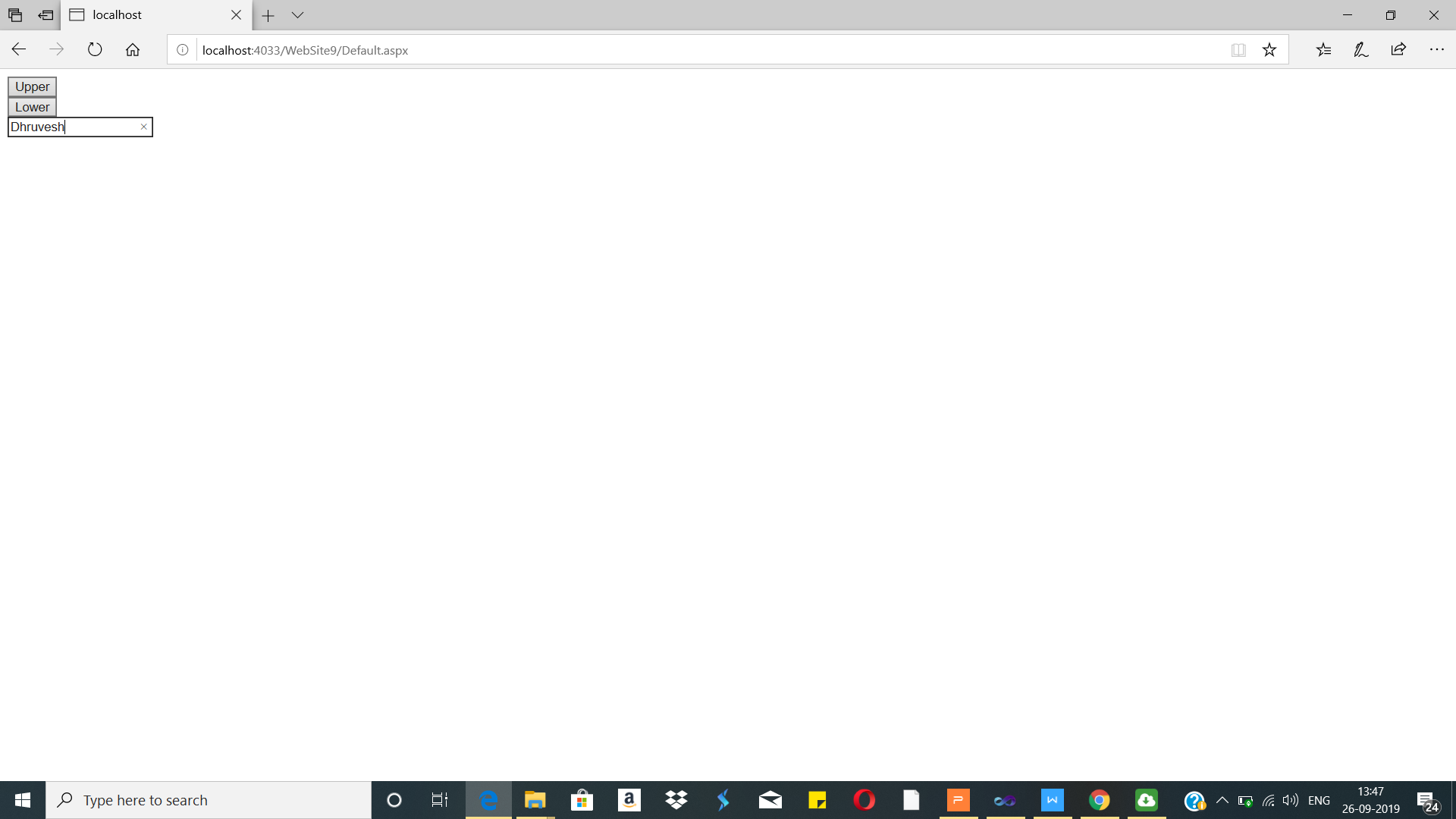
<Impressions>20</Impressions>

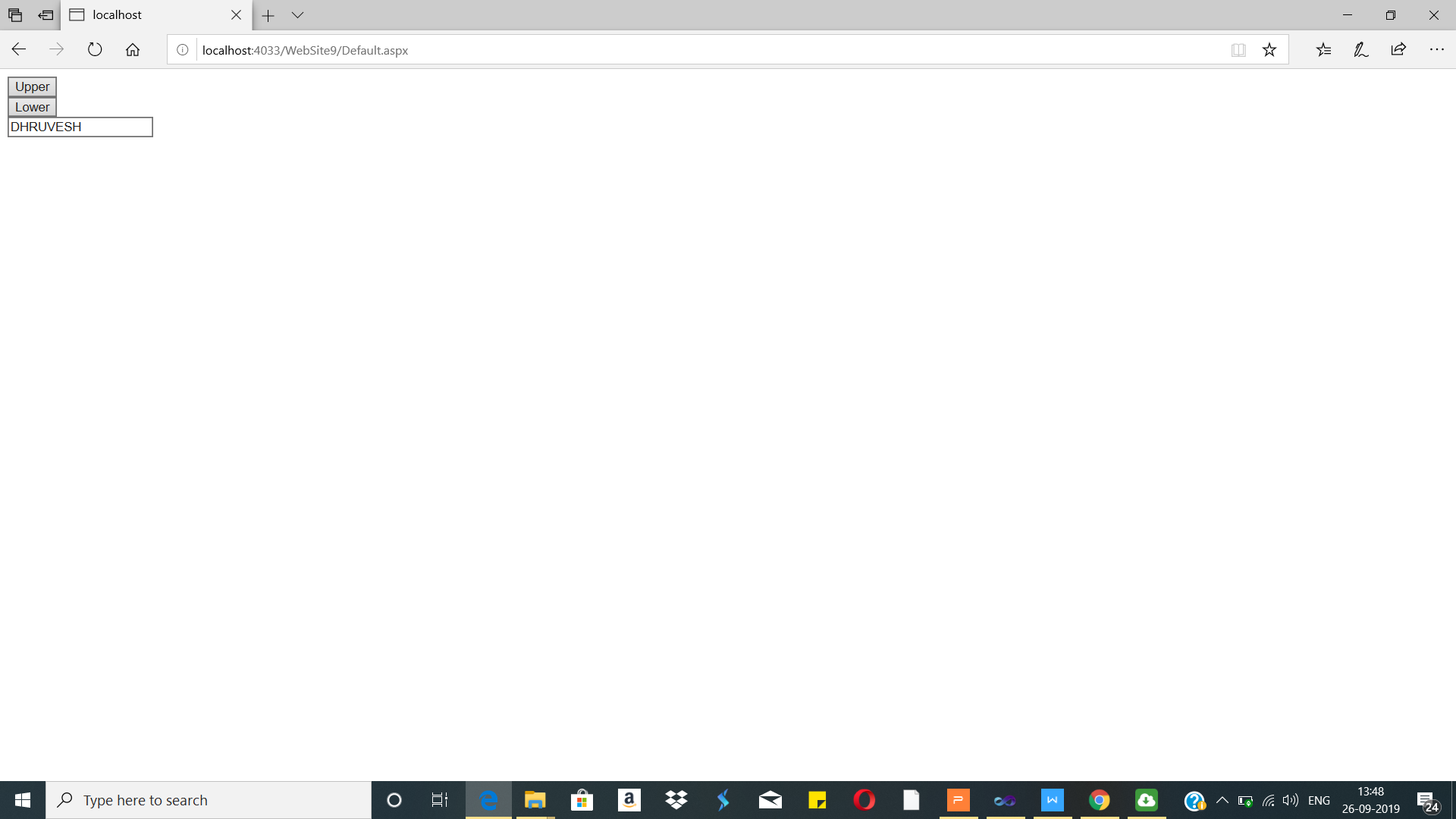
<Keyword>russia</Keyword>

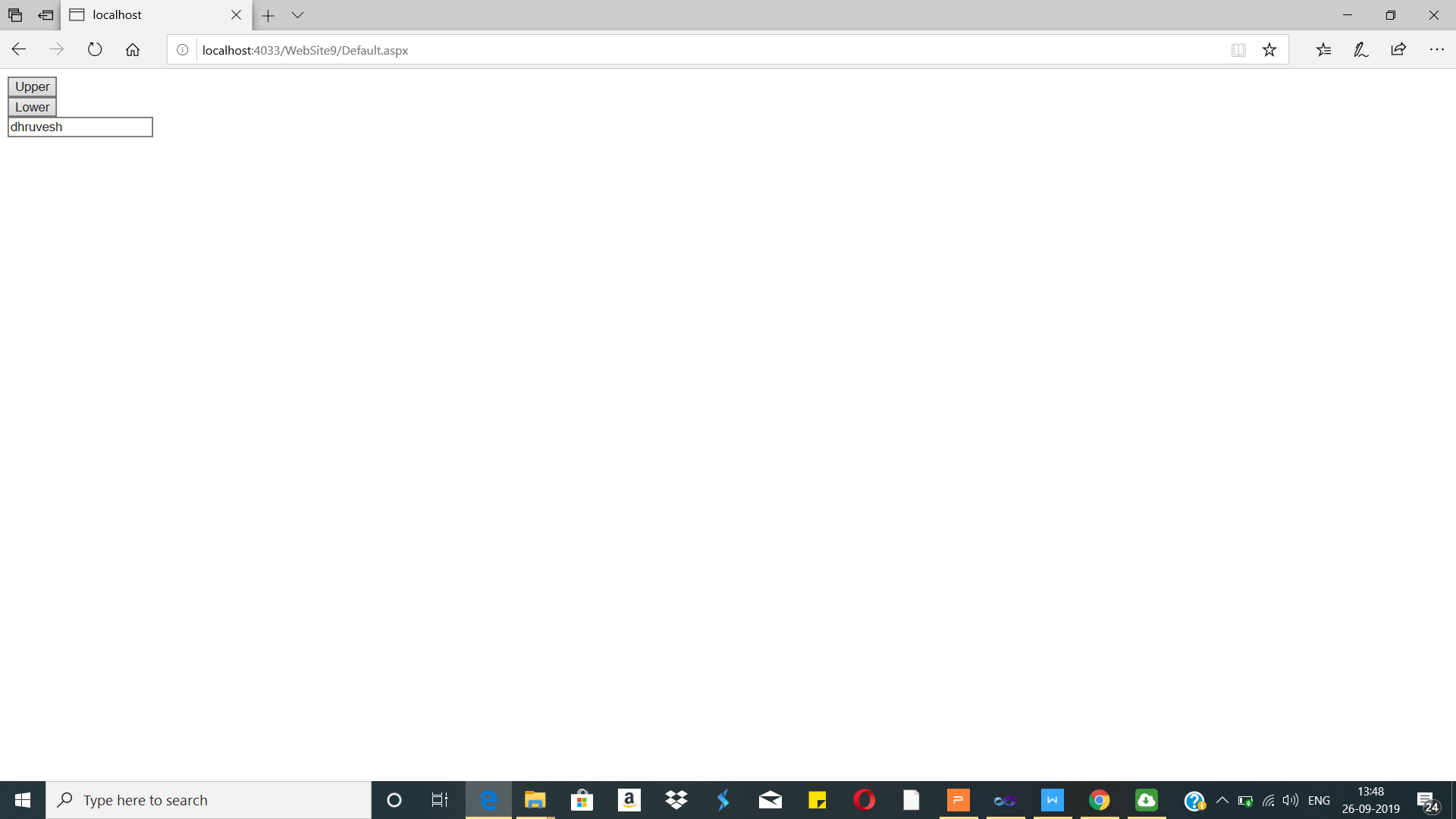
</Ad>

</Advertisements>

**OUTPUT:**







**Practical No.11**

**A. Write a program to create and use DLL.**

**Code:**

***AWPClassLib.cs***

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace AWPClassLib

{

public class AWP

{

public string UpperConvert(string text)

{

return text.ToUpper();

}

public string LowerConvert(string text)

{

return text.ToLower();

}

}

}

***Default.aspx***

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

<!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>

</head>

<body>

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

<div>

<asp:Button ID="Button1" runat="server" onclick="Button1\_Click" Text="Upper" />

<br />

<asp:Button ID="Button2" runat="server" onclick="Button2\_Click" Text="Lower" />

<br />

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

</div>

</form>

</body>

</html>

***Default.aspx.cs***

using System;

using AWPClassLib;

public partial class \_Default : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void Button1\_Click(object sender, EventArgs e)

{

AWP c1 = new AWP();

TextBox1.Text = c1.UpperConvert(TextBox1.Text);

}

protected void Button2\_Click(object sender, EventArgs e)

{ AWP c1 = new AWP();

TextBox1.Text = c1.LowerConvert(TextBox1.Text);

} }