**Practical No: 21**

**Aim: Assuming that there are 2 tables –**

A. Customer(accno,name,phoneno,address) where Accno is the Primary Key, Account(accno,type,balance) where accno is the foreign key referencing Customer(accno)

B. Design ASP.NET pages for Customer, Account and checking for balance details.

**File.aspx**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using MySql.Data.MySqlClient;

using MySql.Data;

using System.Data;

using System.Data.SqlClient;

namespace Question\_no\_22Part\_2

{

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

{

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

{

}

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

{

MySqlConnection con = new MySqlConnection("Server=localhost;Database=user;Uid=root;Pwd=ayush2000");

con.Open();

int acc = Convert.ToInt32(txtacc.Text);

String query = "select name from customer where accno = " + acc + ";";

MySqlCommand cmd = new MySqlCommand(query, con);

MySqlDataReader reader = cmd.ExecuteReader();

if (reader.HasRows)

{

reader.Read();

Session["acc"] = Convert.ToInt32(txtacc.Text);

Response.Redirect("response.aspx");

}

else

{

Response.Write("<script>alert('Invalid Account no!')</script>");

}

con.Close();

}

protected void TextBox1\_TextChanged(object sender, EventArgs e)

{

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="login.aspx.cs" Inherits="Question\_no\_22Part\_2.login" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

Account No :

<asp:TextBox ID="txtacc" runat="server" OnTextChanged="TextBox1\_TextChanged"></asp:TextBox>

<br />

<br />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<br />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Button ID="Button1" runat="server" OnClick="Button1\_Click" Text="Check Details" />

<br />

<br />

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

</div>

</form>

</body>

</html>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using MySql.Data.MySqlClient;

using MySql.Data;

using System.Data;

using System.Data.SqlClient;

namespace Question\_no\_22Part\_2

{

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

{

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

{

MySqlConnection con = new MySqlConnection("Server=localhost;Database=user;Uid=root;Pwd=ayush2000");

con.Open();

int acc = Convert.ToInt32(Session["acc"]);

MySqlDataAdapter da = new MySqlDataAdapter();

String query = "select \* from account where accno = "+acc+";";

MySqlCommand cmd = new MySqlCommand(query, con);

cmd.Connection = con;

da.SelectCommand = cmd;

DataTable dt = new DataTable();

da.Fill(dt);

GridView1.DataSource = dt;

GridView1.DataBind();

}

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="response.aspx.cs" Inherits="Question\_no\_22Part\_2.response" %>

<!DOCTYPE html>

<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">

</asp:GridView>

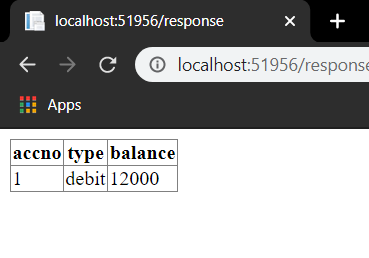
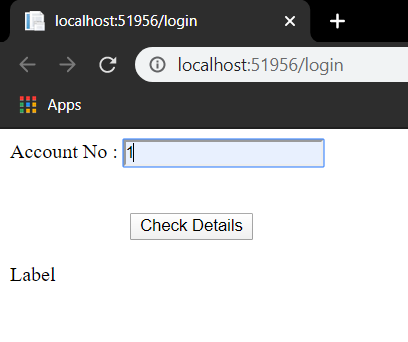
</div>

</form>

</body>

</html>

Output :



**Practical No: 22**

**Aim:** Assuming that there are 2 tables – Cust(AccNo, AccName, Passwd, CurrBal) & Transactions(TransId, AccNo, Date, Amt, TransType, Client) where TransType can be Debit or Credit. User should input AccNo and password. For successful login, it should show welcome message with the user’s name, current balance and transactions of the current month in table.

C# Code :

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using MySql.Data.MySqlClient;

using MySql.Data;

using System.Data;

using System.Data.SqlClient;

namespace Question\_no\_22Part\_2

{

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

{

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

{

}

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

{

MySqlConnection con = new MySqlConnection("Server=localhost;Database=user;Uid=root;Pwd=ayush2000");

con.Open();

int acc = Convert.ToInt32(txtacc.Text);

String pass = txtpass.Text;

String query = "select name from cust where accno = " + acc + " and pass = " + pass + ";";

MySqlCommand cmd = new MySqlCommand(query, con);

MySqlDataReader reader = cmd.ExecuteReader();

if (reader.HasRows)

{

reader.Read();

Session["acc"] = Convert.ToInt32(txtacc.Text);

Response.Write("<script>alert('Hello "+reader.GetString(0)+"')</script>");

Response.Redirect("response.aspx");

}

else

{

Response.Write("<script>alert('Invalid Username or password !')</script>");

}

con.Close();

}

Source Code :

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="login.aspx.cs" Inherits="Question\_no\_22Part\_2.login" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

Account No :

<asp:TextBox ID="txtacc" runat="server" OnTextChanged="TextBox1\_TextChanged"></asp:TextBox>

<br />

<br />

Password :

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

<br />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<br />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Button ID="Button1" runat="server" OnClick="Button1\_Click" Text="Login" />

<br />

<br />

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

</div>

</form>

</body>

</html>

Response page :

C# Code ;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using MySql.Data.MySqlClient;

using MySql.Data;

using System.Data;

using System.Data.SqlClient;

namespace Question\_no\_22Part\_2

{

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

{

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

{

MySqlConnection con = new MySqlConnection("Server=localhost;Database=user;Uid=root;Pwd=ayush2000");

con.Open();

int acc = Convert.ToInt32(Session["acc"]);

MySqlDataAdapter da = new MySqlDataAdapter();

String query = "select id as ID, accno as Account\_N0, dt as Date,type as Type,client as Client,amt as amount from trans where accno = " + acc + ";";

MySqlCommand cmd = new MySqlCommand(query, con);

cmd.Connection = con;

da.SelectCommand = cmd;

DataTable dt = new DataTable();

da.Fill(dt);

GridView1.DataSource = dt;

GridView1.DataBind();

Source Code :

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="response.aspx.cs" Inherits="Question\_no\_22Part\_2.response" %>

<!DOCTYPE html>

<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">

</asp:GridView>

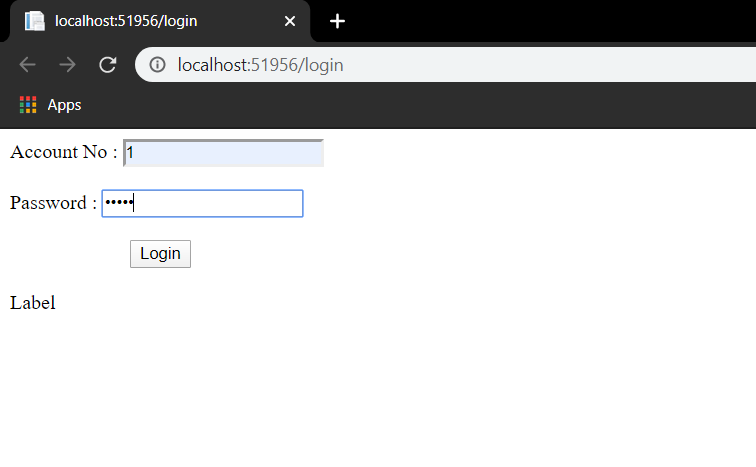
</div>

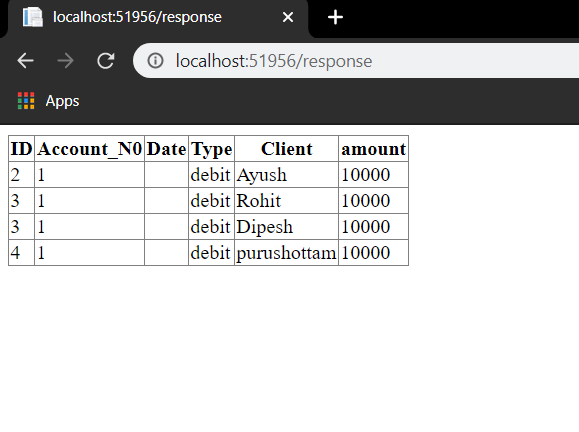
</form>

</body>

</html>

Output :





**Practical no. 23**

**Aim: Performing ADO.NET data access in ASP.NET for**

A. Simple Data Binding over Label control

B. Repeated Value Data Binding over DropdownList and GridView Control.

**adoFront.aspx**

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

<!DOCTYPE html>

<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" DataKeyNames="rollno" DataSourceID="SqlDataSource1">

<Columns>

<asp:BoundField DataField="rollno" HeaderText="rollno" ReadOnly="True" SortExpression="rollno" />

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

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

</Columns>

</asp:GridView>

<asp:SqlDataSource ID="SqlDataSource1" runat="server" ConnectionString="<%$ ConnectionStrings:ConnectionString %>" SelectCommand="SELECT \* FROM [student]"></asp:SqlDataSource>

</div>

<asp:DropDownList ID="DropDownList1" runat="server" AutoPostBack="True" DataSourceID="SqlDataSource1" DataTextField="rollno" DataValueField="rollno" OnSelectedIndexChanged="DropDownList1\_SelectedIndexChanged">

</asp:DropDownList>

<p>

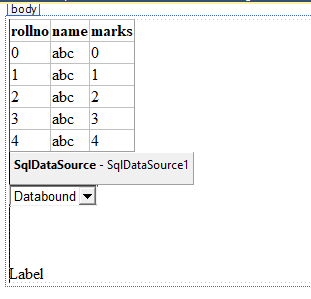
&nbsp;</p>

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

</form>

</body>

</html>



**adoFront.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.SqlClient;

using System.Configuration;

namespace ado

{

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

{

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

{

}

protected void DropDownList1\_SelectedIndexChanged(object sender, EventArgs e)

{

SqlConnection con = new

SqlConnection(ConfigurationManager.ConnectionStrings["ConnectionString"].ConnectionString);

con.Open();

String str = DropDownList1.SelectedItem.ToString();

SqlCommand cmd = new SqlCommand("select name from student where rollno=" + str, con);

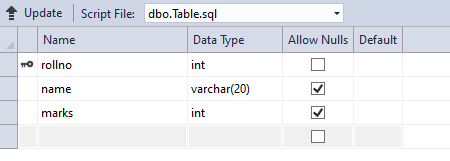
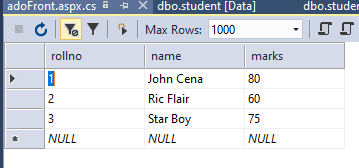
Object a = cmd.ExecuteScalar();

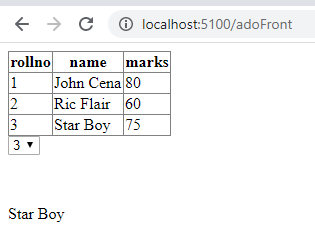
Label1.Text = a.ToString();

}

}

}

**OUTPUT:**



**Practical no. 27:**

**Aim: Design asp.net application for interacting with xml documents.**

WebForm2.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs" Inherits="WebApplication5.WebForm2" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

first name&nbsp;&nbsp;&nbsp;

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

<br />

</div>

<div>

last name&nbsp;&nbsp;&nbsp;

<asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>

<br />

</div>

<asp:Button ID="Button1" runat="server" OnClick="Button1\_Click" Text="create xml" />

<p>

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

</p>

<p>

&nbsp;</p>

<p>

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

</p>

<p>

<asp:Button ID="Button2" runat="server" Text="read from xml" />

</p>

</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;

using System.Xml;

namespace WebApplication5

{

public partial class WebForm2 : System.Web.UI.Page

{

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

{

}

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

{

String strxml = "<employee>" +

"<firstname>" +TextBox1.Text+"</firstname>" +

"<lastname>" + TextBox2.Text + "</lastname>" +

"</employee>";

XmlDocument xdoc = new XmlDocument();

xdoc.LoadXml(strxml);

xdoc.Save(Server.MapPath("EmployeeData.xml"));

Label1.Text = "xml file is created";

}

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

{

XmlDocument xdoc = new XmlDocument();

xdoc.Load(Server.MapPath("EmployeeData.xml"));

XmlNode xfn = xdoc.SelectSingleNode("employee/firstname");

XmlNode xls = xdoc.SelectSingleNode("employee/lastname");

Label3.Text = xfn.InnerText;

Label2.Text = xls.InnerText;

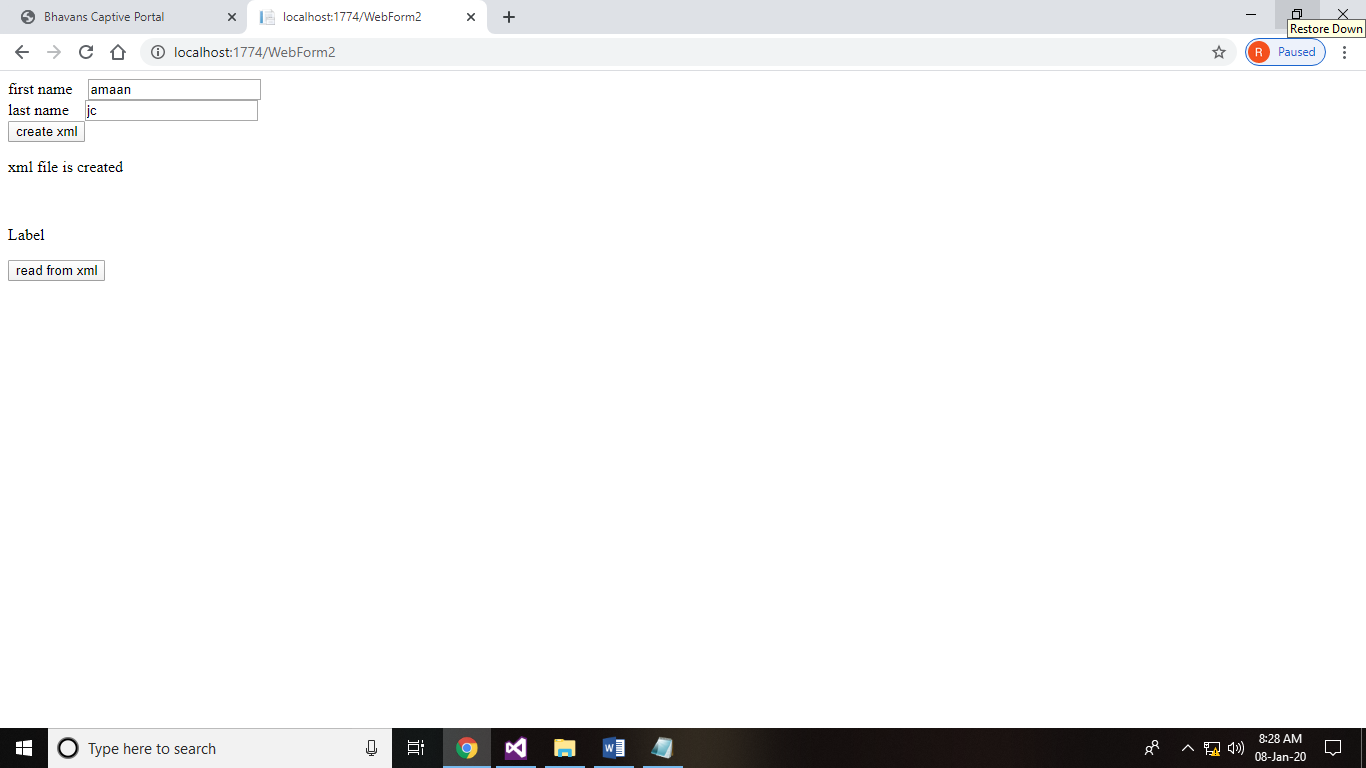
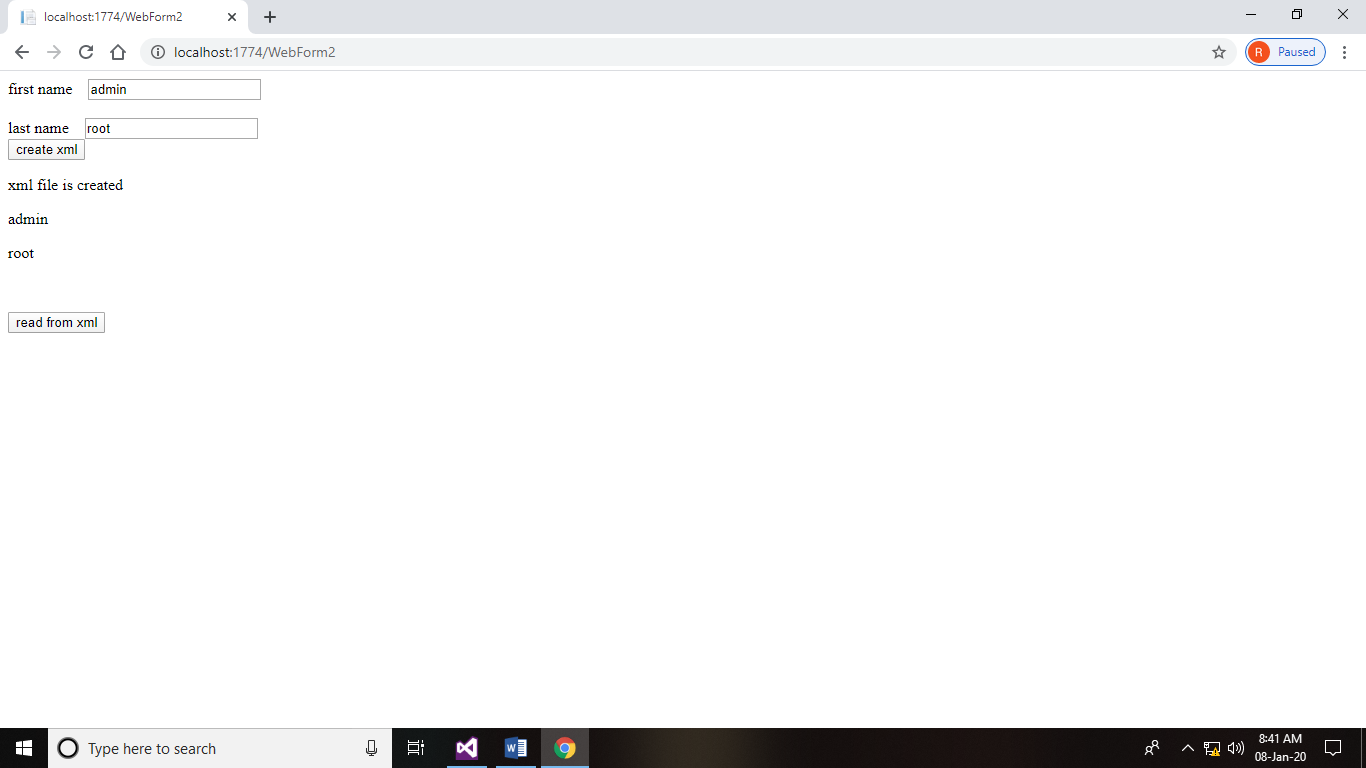
}

}

}

**Output:**

create xml btn click read from xml



**Practical no. 28**

**Aim:** **A Cable TV provider stores the list of channels in an XML File. For each Channel, there is an attribute “Name”. The Channel element consists of sub-elements such as Language(such as Hindi, English, Marathi etc), Category(Sports, Movies, Cartoon etc). Design an ASP.NET page that displays, the list of languages and categories in 2 combo boxes. When user clicks on a button, all the channels matching the selected criteria should be displayed.**

**webForm3.aspx**

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm3.aspx.cs" Inherits="WebApplication5.WebForm3" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

</div>

Language&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:DropDownList ID="DropDownList1" runat="server">

<asp:ListItem>English</asp:ListItem>

<asp:ListItem>Hindi</asp:ListItem>

<asp:ListItem>Marathi</asp:ListItem>

</asp:DropDownList>

<br />

<br />

<br />

Category&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:DropDownList ID="DropDownList2" runat="server">

<asp:ListItem>news</asp:ListItem>

<asp:ListItem>movies</asp:ListItem>

<asp:ListItem>sports</asp:ListItem>

</asp:DropDownList>

<br />

<br />

<br />

<br />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Button ID="Button1" runat="server" OnClick="Button1\_Click" Text="SUBMIT" />

<br />

<br />

<br />

<br />

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

</form>

</body>

</html>

webForm3.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;

namespace WebApplication5

{

public partial class WebForm3 : System.Web.UI.Page

{

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

{

}

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

{

XmlDocument xdoc = new XmlDocument();

xdoc.Load("C:/Users/IT20/Documents/Visual Studio 2015/Projects/WebApplication5/WebApplication5/XMLFile1.xml");

Label1.Text = "";

foreach (XmlElement e1 in xdoc.DocumentElement.ChildNodes)

{

String ch;

ch = e1.GetAttribute("name");

if (e1.ChildNodes[0].InnerText == DropDownList1.Text &&

e1.ChildNodes[1].InnerText == DropDownList2.Text)

{

Label1.Text += ch;

}

}

}

}

}

**Output:**

