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BE IT

**Assignment No 7**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.Services;

namespace SimpleCalcService

{

    /// <summary>

    /// Summary description for CalcService

    /// </summary>

    [WebService(Namespace = "http://tempuri.org/")]

    [WebServiceBinding(ConformsTo = WsiProfiles.BasicProfile1\_1)]

    [System.ComponentModel.ToolboxItem(false)]

    // To allow this Web Service to be called from script, using ASP.NET AJAX, uncomment the following line.

    // [System.Web.Script.Services.ScriptService]

    public class CalcService : System.Web.Services.WebService

    {

        [WebMethod]

        public int Add(int num1, int num2)

        {

            return num1 + num2;

        }

        [WebMethod]

        public int Sub(int num1, int num2)

        {

            return num1 - num2;

        }

        [WebMethod]

        public int Mult(int num1, int num2)

        {

            return num1 \* num2;

        }

        [WebMethod]

        public int Div(int num1, int num2)

        {

            return num1 / num2;

        }

    }

}

**Call the Web Service on the Click Event of the Button**

Double-click on the “Calculate” Button, then enter the following code.

private void button1\_Click(object sender, EventArgs e) {

int num1, num2;

num1 = Convert.ToInt32(textBox1.Text);

num2 = Convert.ToInt32(textBox1.Text);

ServiceReference1.CalcServiceSoapClient proxy = new

ServiceReference1.CalcServiceSoapClient(); //Creating proxy object of Web Service

if (comboBox1.Text == “Add”) {

MessageBox.Show(proxy.Add(num1, num2).ToString()); //Calling Add method of CalcWeb Service

} else if (comboBox1.Text == “Sub”) {

MessageBox.Show(proxy.Sub(num1, num2).ToString());

} else if (comboBox1.Text == “Mul”) {

MessageBox.Show(proxy.Mult(num1, num2).ToString());

} else if (comboBox1.Text == “Div”) {

MessageBox.Show(proxy.Div(num1, num2).ToString());

}

}

**OUTPUT:**

