EX-10

PROGRAM:

# Web Service:

using System;

using System.Collections.Generic; using System.Linq;

using System.Web;

using System.Web.Services;

namespace ex\_10

{

[WebService(Namespace = ["h](http://tempuri.org/)t[tp://tempuri.org/](http://tempuri.org/)")] [WebServiceBinding(ConformsTo = WsiProfiles.BasicProfile1\_1)] [System.ComponentModel.ToolboxItem(false)]

public class WebService1 : System.Web.Services.WebService

{

[WebMethod]

public int add(int x, int y)

{

return x+y;

}

[WebMethod]

public int mul(int x, int y)

{

return x\*y;

}

[WebMethod]

public int sub(int x, int y)

{

return x-y;

}

[WebMethod]

public int div(int x, int y)

{

return x/y;

}

}

}

# Web Form:

using System;

using System.Collections.Generic; using System.Linq;

using System.Web; using System.Web.UI;

using System.Web.UI.WebControls;

namespace ex\_10\_form\_

{

public partial class WebForm1 : System.Web.UI.Page

{

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

{

}

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

{

ServiceReference1.WebService1SoapClient c = new ServiceReference1.WebService1SoapClient(); TextBox3.Text = c.add(Convert.ToInt32(TextBox1.Text), Convert.ToInt32(TextBox2.Text)).ToString();

}

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

{

ServiceReference1.WebService1SoapClient c = new ServiceReference1.WebService1SoapClient(); TextBox3.Text = c.mul(Convert.ToInt32(TextBox1.Text), Convert.ToInt32(TextBox2.Text)).ToString();

}

protected void Button3\_Click(object sender, EventArgs e)

{

ServiceReference1.WebService1SoapClient c = new ServiceReference1.WebService1SoapClient(); TextBox3.Text = c.sub(Convert.ToInt32(TextBox1.Text), Convert.ToInt32(TextBox2.Text)).ToString();

}

protected void Button4\_Click(object sender, EventArgs e)

{

ServiceReference1.WebService1SoapClient c = new ServiceReference1.WebService1SoapClient(); TextBox3.Text = c.div(Convert.ToInt32(TextBox1.Text), Convert.ToInt32(TextBox2.Text)).ToString();

}

}

}

OUTPUT:

