WCF Code

using System.ServiceModel;

namespace WCFSampleServices

{

[ServiceContract]

public interface IWCFSampleService

{

[OperationContract]

decimal GetData(decimal Data);

}

}

using System;

using System.ServiceModel;

namespace WCFSampleServices

{

class WCFSampleService : IWCFSampleService

{

public decimal GetData(decimal Data)

{

try

{

return 1M/Data ;

}

catch

{

throw new FaultException("There was a problem with your data.");

}

}

}

}

<%@ ServiceHost Service="WCFSampleServices.WCFSampleService" %>

<?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>

<system.web>

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

</system.web>

<system.webServer>

<modules runAllManagedModulesForAllRequests="true" />

</system.webServer>

<system.serviceModel>

<behaviors>

<serviceBehaviors>

<behavior name="WCFServiceBehavior">

<serviceMetadata httpGetEnabled="true" />

<serviceDebug includeExceptionDetailInFaults="false" />

</behavior>

</serviceBehaviors>

</behaviors>

<services>

<service name="WCFSampleServices.WCFSampleService" behaviorConfiguration="WCFServiceBehavior">

<endpoint address="" binding="wsHttpBinding" contract="WCFSampleServices.IWCFSampleService"/>

<endpoint contract="IMetadataExchange" binding="mexHttpBinding" address="mex"/>

</service>

</services>

</system.serviceModel>

</configuration>

svcutil http://localhost:8080/HostDevServer/WCFService.svc /out:WCFServiceRef.cs /config:app.config

using System;

using System.Windows.Forms;

using System.ServiceModel;

namespace WCFClient

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

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

{

WCFSampleServiceClient WSSC = new WCFSampleServiceClient();

try

{

decimal Number = Convert.ToDecimal(textBox1.Text.Trim());

MessageBox.Show(WSSC.GetData(Number).ToString());

}

catch (FaultException faultEx)

{

MessageBox.Show(faultEx.Message);

}

}

}

}