**Practical no -10**

**Service1.svc.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Runtime.Serialization;

using System.ServiceModel;

using System.ServiceModel.Activation;

using System.ServiceModel.Web;

using System.Text;

namespace WCFDemo1

{

[ServiceContract(Namespace = "")]

[AspNetCompatibilityRequirements(RequirementsMode = AspNetCompatibilityRequirementsMode.Allowed)]

public class Service1

{

// To use HTTP GET, add [WebGet] attribute. (Default ResponseFormat is WebMessageFormat.Json)

// To create an operation that returns XML,

// add [WebGet(ResponseFormat=WebMessageFormat.Xml)],

// and include the following line in the operation body:

// WebOperationContext.Current.OutgoingResponse.ContentType = "text/xml";

[OperationContract]

public string GreetMessage()

{

// Add your operation implementation here

return "Hello World";

}

// Add more operations here and mark them with [OperationContract]

}

}

**Webform1.aspx**

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="WCFDemo1.WebForm1" %>

<!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>

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<script>

function displayMessage()

{

Service1.GreetMessage(function (response) {

document.getElementById("Label1").innerHTML = response;

});

}

</script>

</head>

<body>

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

<div>

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

<Services>

<asp:ServiceReference Path="~/Service1.svc"/>

</Services>

</asp:ScriptManager>

<input type="button" value="Display Message" onclick="displayMessage()" />

<br />

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

</div>

</form>

</body>

</html>

