**Date: 14/10/2020**

**Practical no 5**

**AIM**: Develop client which consumes web services developed in different platform.

**Program Code:-**

**WebService1.asmx.cs**

|  |
| --- |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Web;  using System.Web.Services;  namespace WebApplication4  {  [WebService(Namespace = "http://tempuri.org/")]  [WebServiceBinding(ConformsTo = WsiProfiles.BasicProfile1\_1)]  [System.ComponentModel.ToolboxItem(false)]  public class WebService1 : System.Web.Services.WebService  {  [WebMethod]  public double Mod(double number1 , double number2)  {  return (number1 % number2);  }  }  } |

**index.html**

|  |
| --- |
| <!DOCTYPE html>  <html>  <head>  <title>Mod </title>  <meta charset="UTF-8">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  </head>  <body>  <form>  <input type="text" name="txt1" placeholder="Enter First Number"><br><br>  <input type="text" name="txt2" placeholder="Enter Second Number"><br><br>  <input type="submit" formaction="Mod.jsp" value="Mod Number"><br><br>  performed by krunal dhavle 713;  </form>  </body>  </html> |

**Mod.jsp**

|  |
| --- |
| <%@page contentType="text/html" pageEncoding="UTF-8"%>  <!DOCTYPE html>  <html>  <head>  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">  <title>JSP Page</title>  </head>  <body>  <%-- start web service invocation --%><hr/>  <%  double num1 = Double.parseDouble(request.getParameter("txt1"));  double num2 = Double.parseDouble(request.getParameter("txt2"));  try {  com.dd.WebService1 service = new com.dd.WebService1();  com.dd.WebService1Soap port = service.getWebService1Soap();  // TODO initialize WS operation arguments here  double number1 = num1;  double number2 = num2;  // TODO process result here  double result = port.mod(number1, number2);  out.println("Result = "+result);  } catch (Exception ex) {  }  %>  </body>  </html> |

**Output:-**

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