Calculator.java

package com.unique;

import javax.jws.WebService;

import javax.jws.WebMethod;

import javax.jws.WebParam;

/\*\*

\*

\* @author Mahi's Pc

\*/

@WebService(serviceName = "calculator")

public class calculator {

/\*\*

\* Web service operation

\*/

@WebMethod(operationName = "getNumber")

public int getNumber(@WebParam(name = "num1") int num1, @WebParam(name = "num2") int num2) {

int sum = num1 + num2;

return sum;

}

/\*\*

\* This is a sample web service operation

\*/

}

Calculator.java

import com.unique.Calculator\_Service;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.xml.ws.WebServiceRef;

/\*\*

\*

\* @author Mahi's Pc

\*/

public class Calculator extends HttpServlet {

@WebServiceRef(wsdlLocation = "WEB-INF/wsdl/localhost\_8080/Calculatorwebservice/calculator.wsdl")

private Calculator\_Service service;

/\*\*

\* Processes requests for both HTTP <code>GET</code> and <code>POST</code>

\* methods.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

protected void processRequest(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html;charset=UTF-8");

try (PrintWriter out = response.getWriter()) {

/\* TODO output your page here. You may use following sample code. \*/

int num1,num2;

num1 = Integer.parseInt(request.getParameter("txt1"));

num2 = Integer.parseInt(request.getParameter("txt2"));

out.println("<!DOCTYPE html>");

out.println("<html>");

out.println("<head>");

out.println("<title>Servlet Calculator</title>");

out.println("</head>");

out.println("<body>");

out.println("<h1>"+getNumber(num1, num2) + "</h1>");

out.println("</body>");

out.println("</html>");

}

}

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">

/\*\*

\* Handles the HTTP <code>GET</code> method.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Handles the HTTP <code>POST</code> method.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Returns a short description of the servlet.

\*

\* @return a String containing servlet description

\*/

@Override

public String getServletInfo() {

return "Short description";

}// </editor-fold>

private int getNumber(int num1, int num2) {

// Note that the injected javax.xml.ws.Service reference as well as port objects are not thread safe.

// If the calling of port operations may lead to race condition some synchronization is required.

com.unique.Calculator port = service.getCalculatorPort();

return port.getNumber(num1, num2);

}

}

Index.html

Top of Form

Enter Number 1 :   
Enter Number 2 :   


Bottom of Form

Outputs :





