**CalculatorWS.java**

package org.me.calculator;

import javax.jws.WebService;

import javax.jws.WebMethod;

import javax.jws.WebParam;

import javax.ejb.Stateless;

@WebService(serviceName = "CalculatorWS")

@Stateless()

public class CalculatorWS {

/\*\*

\* Web service operation

\*/

@WebMethod(operationName = "add")

public int add(@WebParam(name = "i") int i, @WebParam(name = "j") int j) {

int k = i + j;

return k;

}

/\*\*

\* Web service operation

\*/

@WebMethod(operationName = "multiply")

public int multiply(@WebParam(name = "i") int i, @WebParam(name = "j") int j) {

int a = i \* j;

return a;

}

/\*\*

\* Web service operation

\*/

@WebMethod(operationName = "substract")

public int substract(@WebParam(name = "i") int i, @WebParam(name = "j") int j) {

int b = i - j;

return b;

}

}

**CalculatorWS\_Client\_Application.java**

package calculatorws\_client\_application;

public class CalculatorWS\_Client\_Application {

public static void main(String[] args) {

// TODO code application logic here

try{

int i = 20;

int j = 10;

int result = add(i,j);

int result = multiply(i,j);

int result = substract(i,j);

System.out.println("Result = "+result);

}catch(Exception ex){

System.out.println("Exception: "+ex);

}

}

private static int add(int i, int j) {

org.me.calculator.CalculatorWS\_Service service = new org.me.calculator.CalculatorWS\_Service();

org.me.calculator.CalculatorWS port = service.getCalculatorWSPort();

return port.add(i, j);

}

private static int multiply(int i, int j) {

org.me.calculator.CalculatorWS\_Service service = new org.me.calculator.CalculatorWS\_Service();

org.me.calculator.CalculatorWS port = service.getCalculatorWSPort();

return port.multiply(i, j);

}

private static int substract(int i, int j) {

org.me.calculator.CalculatorWS\_Service service = new org.me.calculator.CalculatorWS\_Service();

org.me.calculator.CalculatorWS port = service.getCalculatorWSPort();

return port.substract(i, j);

}

}







