Assignment No – 5

Batch: 2 Roll No:

To create a simple web service and write any distributed application to consume the web service.

//CalculatorWS.java

/\*

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\*/

package org.me.calculator;

import javax.jws.WebService;

import javax.jws.WebMethod;

import javax.jws.WebParam;

import javax.ejb.Stateless;

/\*\*

\*

\* @author ADMIN

\*/

@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) {

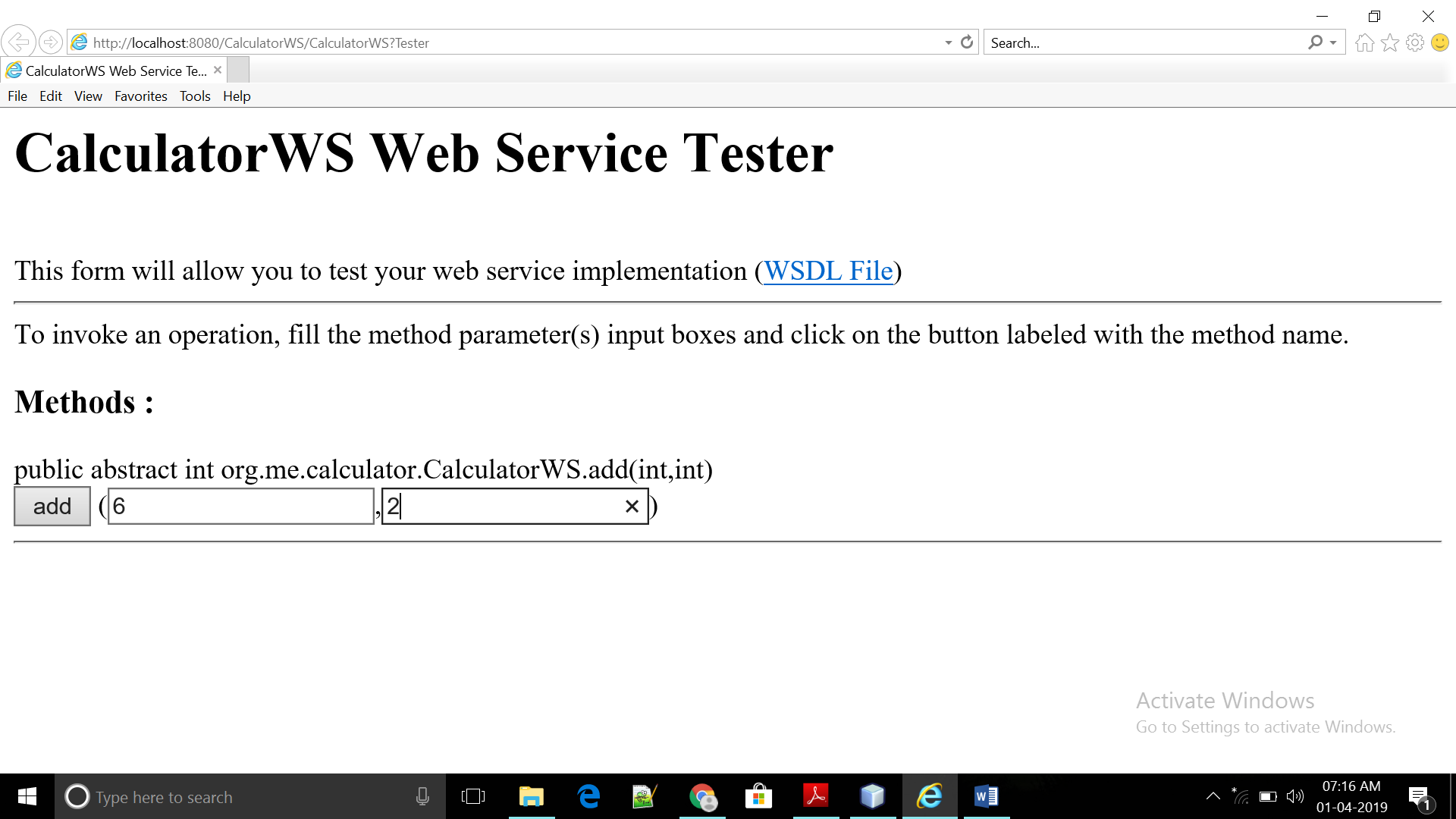
//TODO write your implementation code here:

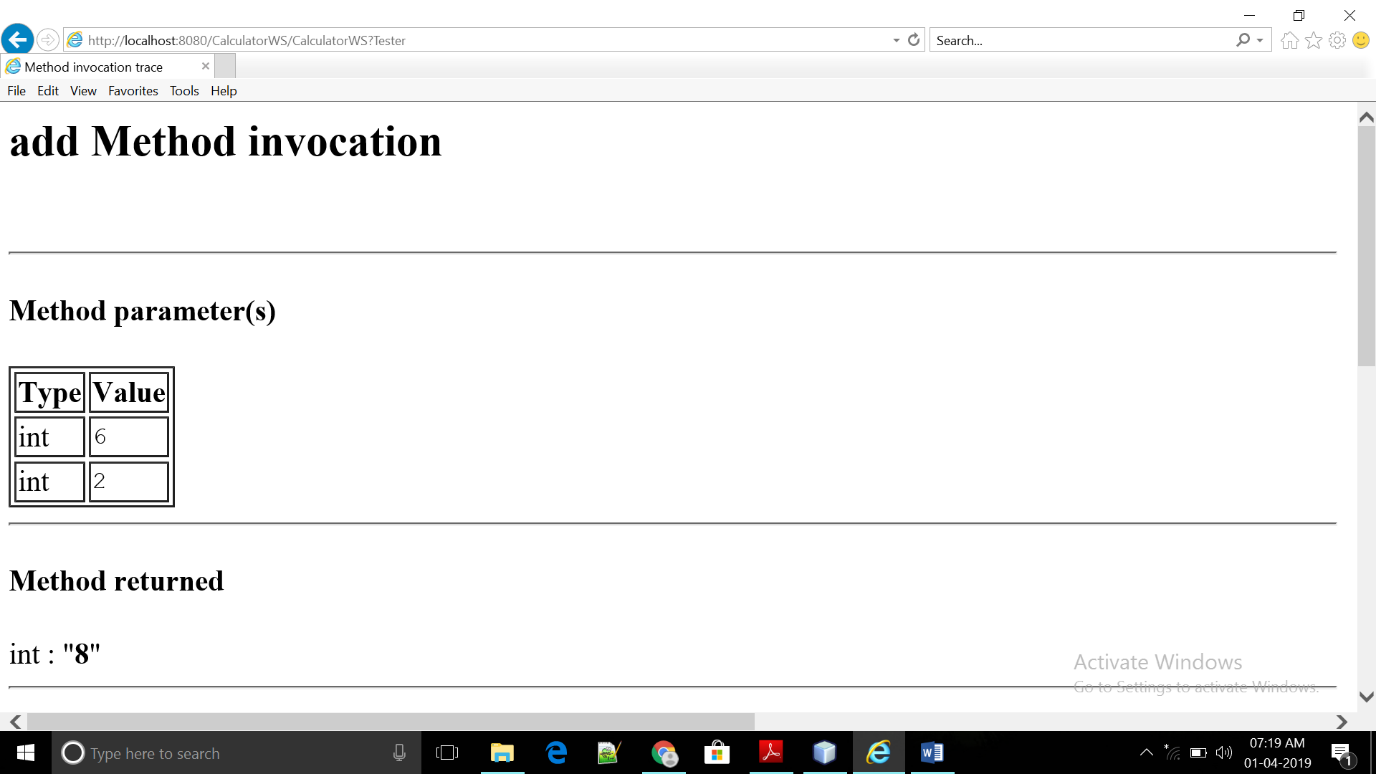
int k = i + j;

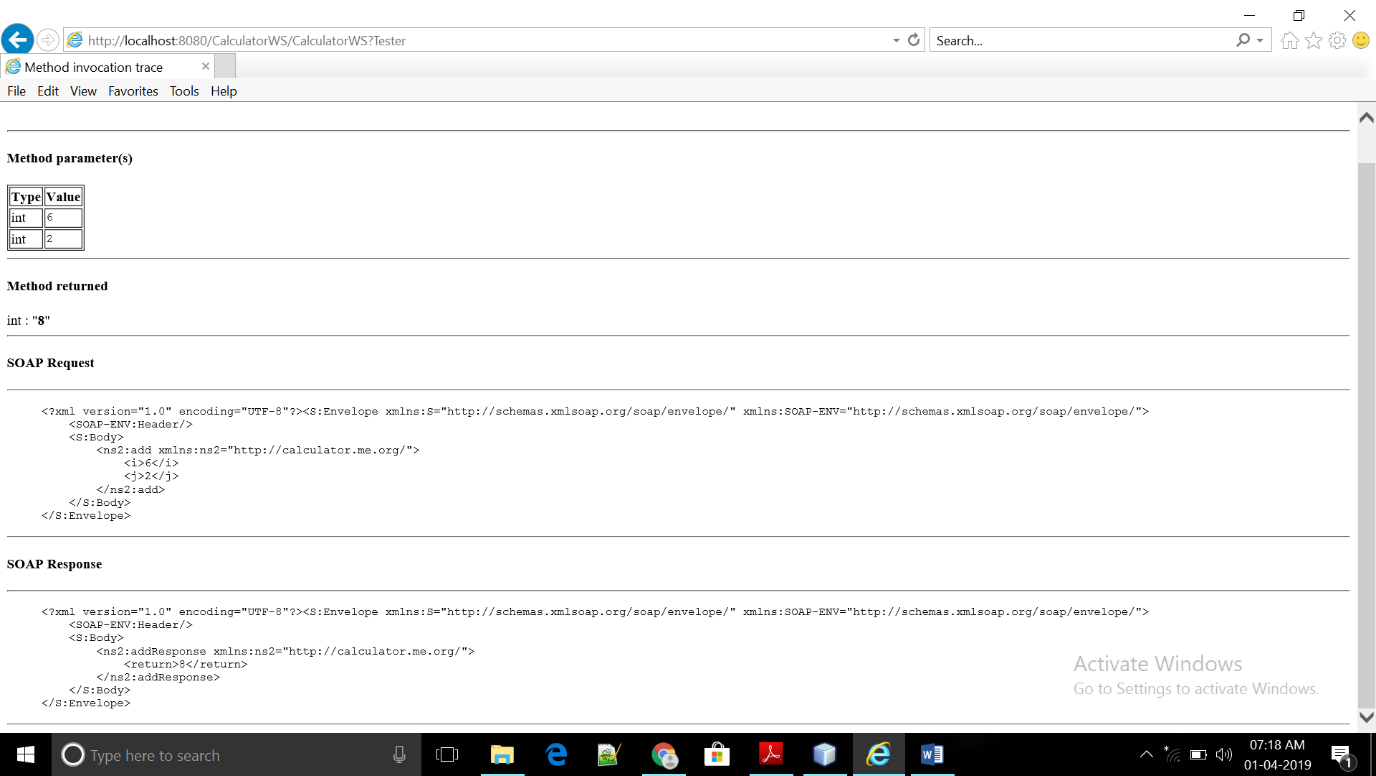
return k;

}

}







// CalculatorWS\_Client\_Application

/\*

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\*/

package calculatorws\_client\_application;

/\*\*

\*

\* @author ADMIN

\*/

public class CalculatorWS\_Client\_Application {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

// TODO code application logic here

try{

int i = 10;

int j = 20;

int result=add(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);

} }

