

CODE –

Calculator.java

```
package com.unique;

import javax.jws.WebService;
import javax.jws.WebMethod;
import javax.jws.WebParam;

@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
     */

}
```

Index.html

```
<!DOCTYPE html>

<!--

Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
Click nbfs://nbhost/SystemFileSystem/Templates/JSP_Servlet/Html.html to edit this template

-->

<html>
```

```
<head>

<title>TODO supply a title</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

</head>

<body>

<form action="Calculator">

    Enter no 1: <input type="text" name="txt1" value="" /> <br>

    Enter no 2: <input type="text" name="txt2" value="" /> <br>

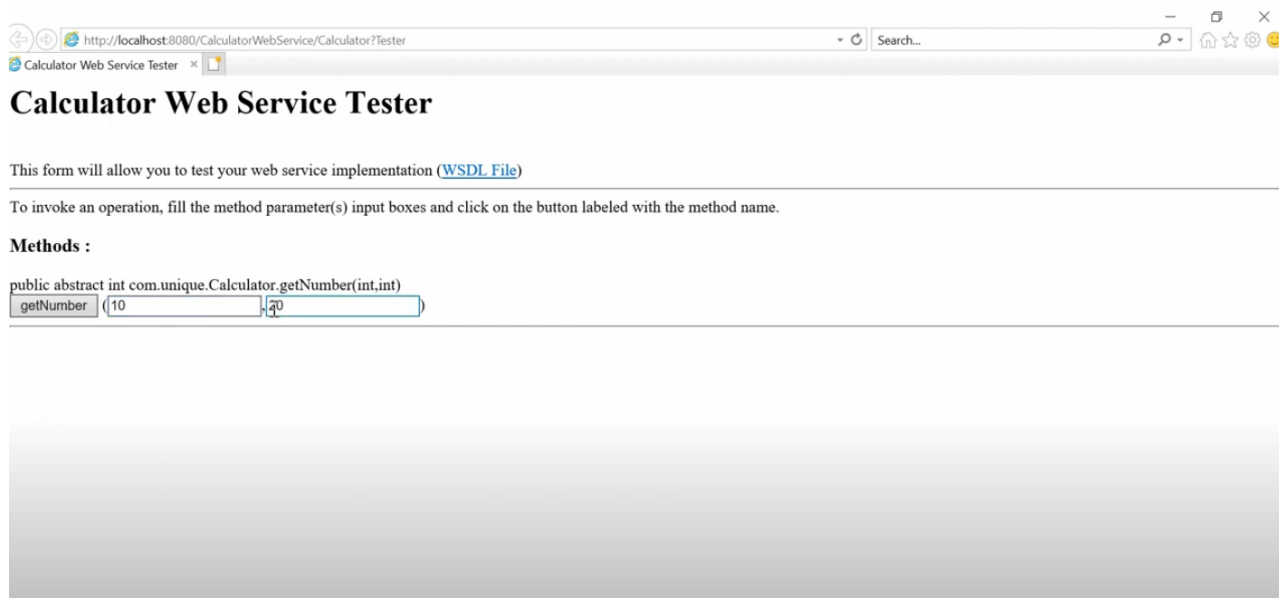
    <input type="submit" value="Submit" />

</form>

</body>

</html>
```

OUTPUT -



Calculator Web Service Tester

This form will allow you to test your web service implementation ([WSDL File](#))

To invoke an operation, fill the method parameter(s) input boxes and click on the button labeled with the method name.

Methods :

public abstract int com.unique.Calculator.getNumber(int,int)

getNumber (10 20)

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http://localhost:8080/CalculatorWebService/Calculator?Tester

Search...

Method invocation trace

getNumber Method invocation

Method parameter(s)

Type	Value
int	10
int	20

Method returned

int[] "30"

SOAP Request

```
<?xml version="1.0" encoding="UTF-8"?><S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"><SOAP-ENV:Header/><S:Body><ns2:getNumber xmlns:ns2="http://unique.com/"><num1>10</num1><num2>20</num2></ns2:getNumber></S:Body></S:Envelope>
```