



Course Name: Web Services Security Lab

Course code: CSB-422

Experiment: 5

Aim: Write a program to implement Web based service consumer Tools/Software

Required: Netbeans IDE

Pseudo code/Algorithms/Flowchart/Steps:

- 1) Goto File>New Project, choose Java web> web Application, click next and finish.
- 2) Right click new project folder and goto other New>option from the menu, a new window wil appear choose Web services> Web service client option and click next.
- 3) In the next screen click the WSDL url option radio button and copy the below url in the textbox given.

https://ecs.syr.edu/faculty/fawcett/Handouts/cse775/code/calcWebService/Calc.asmx?WSDL

Click finish

- 5 Right click the project folder and goto New>other, goto Web> JSP.
- 6 Repeat step 5 4 more times and name the files add.jsp, sub.jsp, divide.jsp and multiply.jsp

Implementation:





```
package
addition;
import
javax.jws.WebService; import
javax.jws.WebMethod;
import
javax.jws.WebParam;
/**
*
  * @author
*/
@WebService(serviceName =
"Addition") public class Addition
  /**
  * Web service operation
  @WebMethod(operationName = "additon")
  public Integer additon(@WebParam(name = "a") int a, @WebParam(name = "b") int b) {
   //TODO write your implementation
    code here: return a+b;
  }
  * This is a sample web service operation */
```

Output:











