**CXF+ Web Service(SOAP) + Apache Camel Example**

Step 1:

Download apache cxf 2.4.2 bin from below link

<https://archive.apache.org/dist/cxf/2.4.2/apache-cxf-2.4.2.zip>

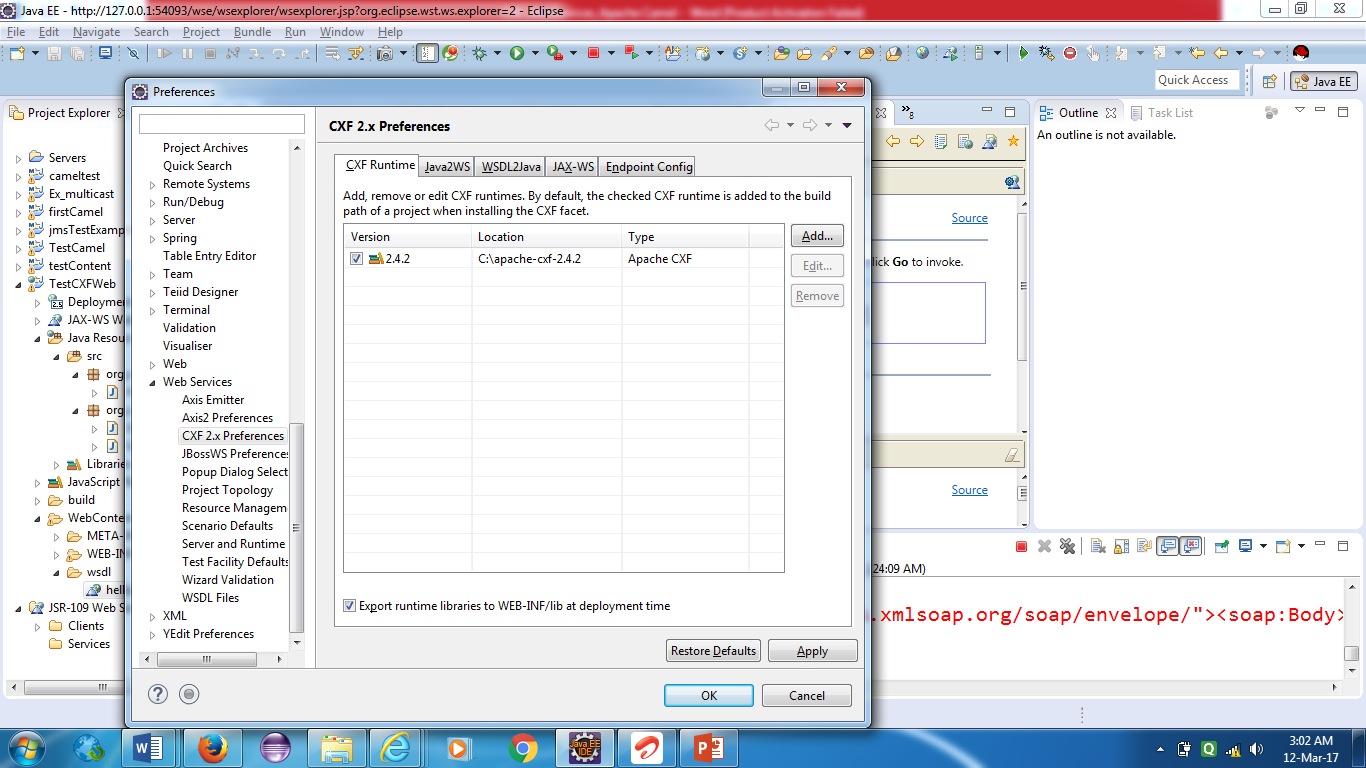
Step 2:

Unzip it to local drive.

Step 3:

Start Eclipse

Go to Windows🡪Preferences🡪Web Services🡪CXF 2.x Preferences

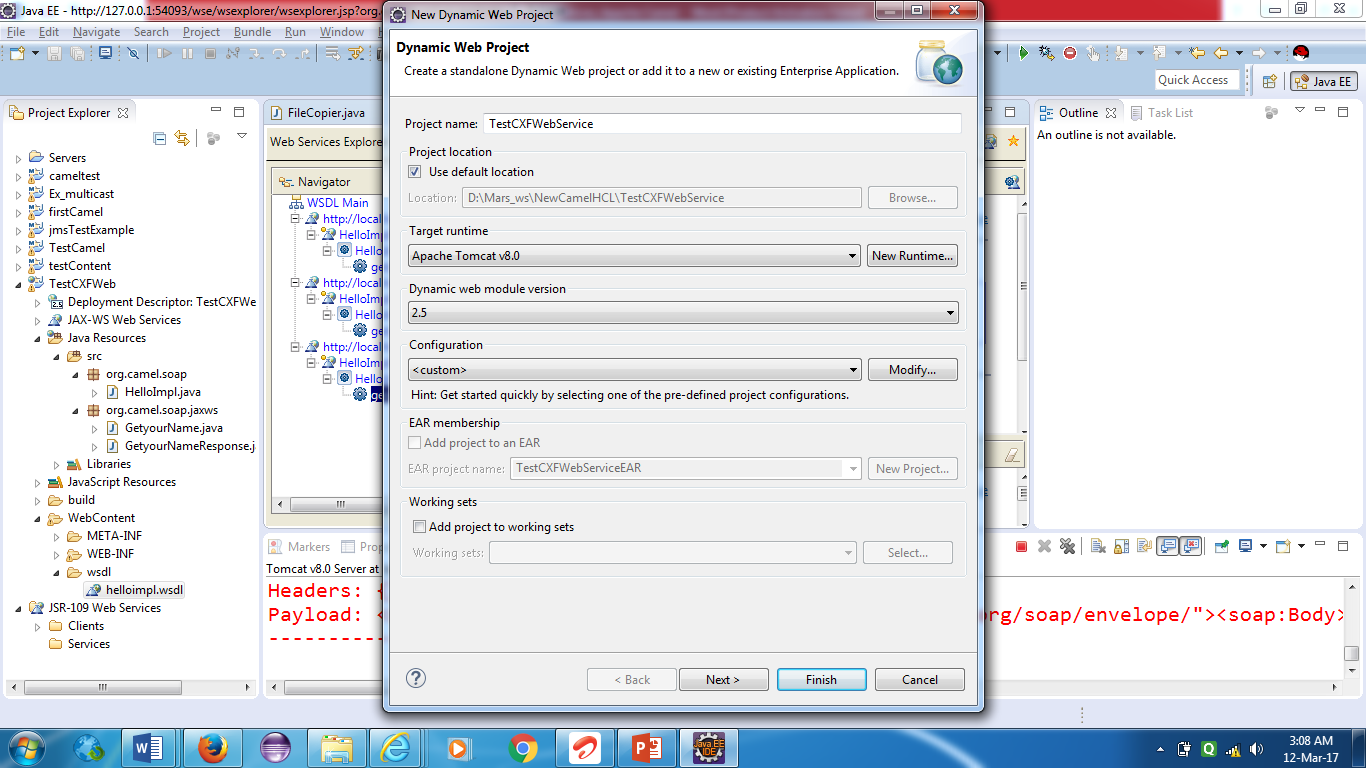


Click on add button to add the home location of cxf 2.4.2

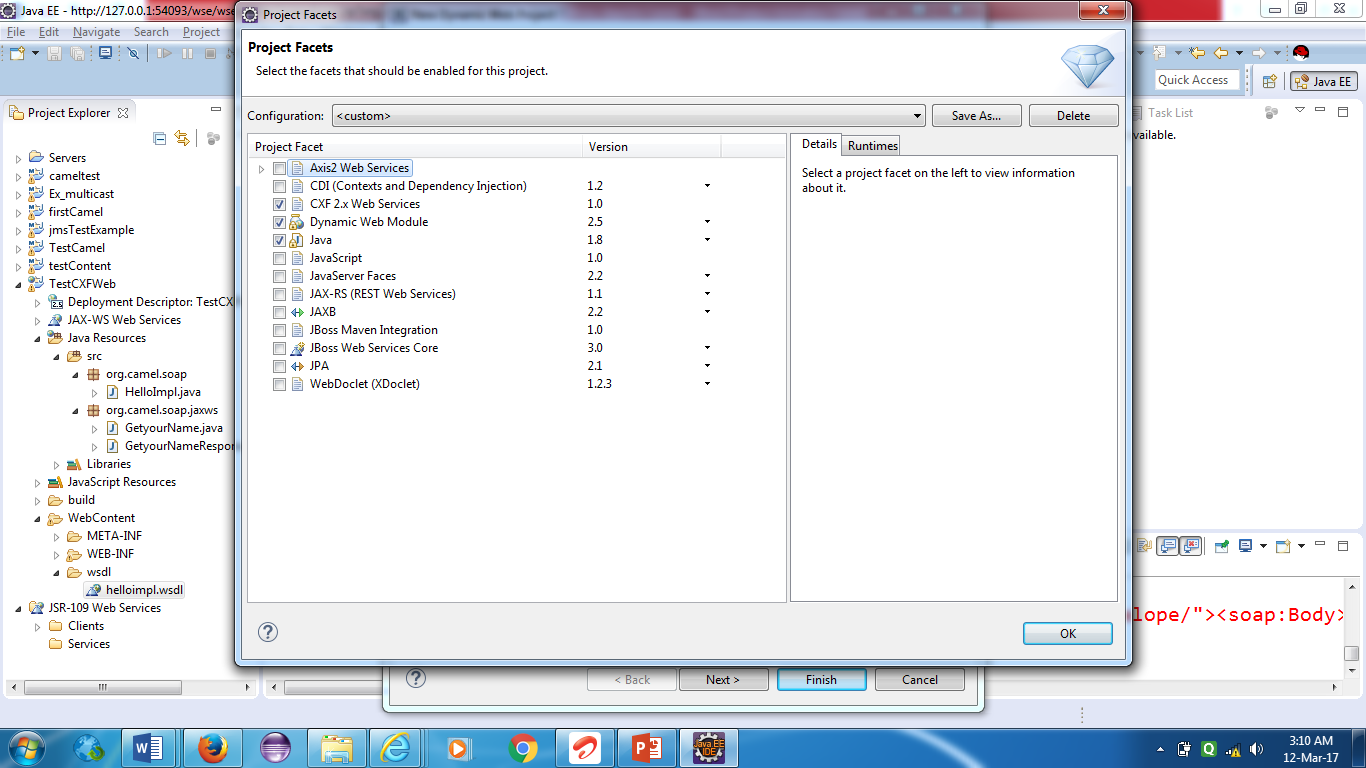
Once it is added, click on apply🡪OK.

Step 4:

Create Dynamic Web Project

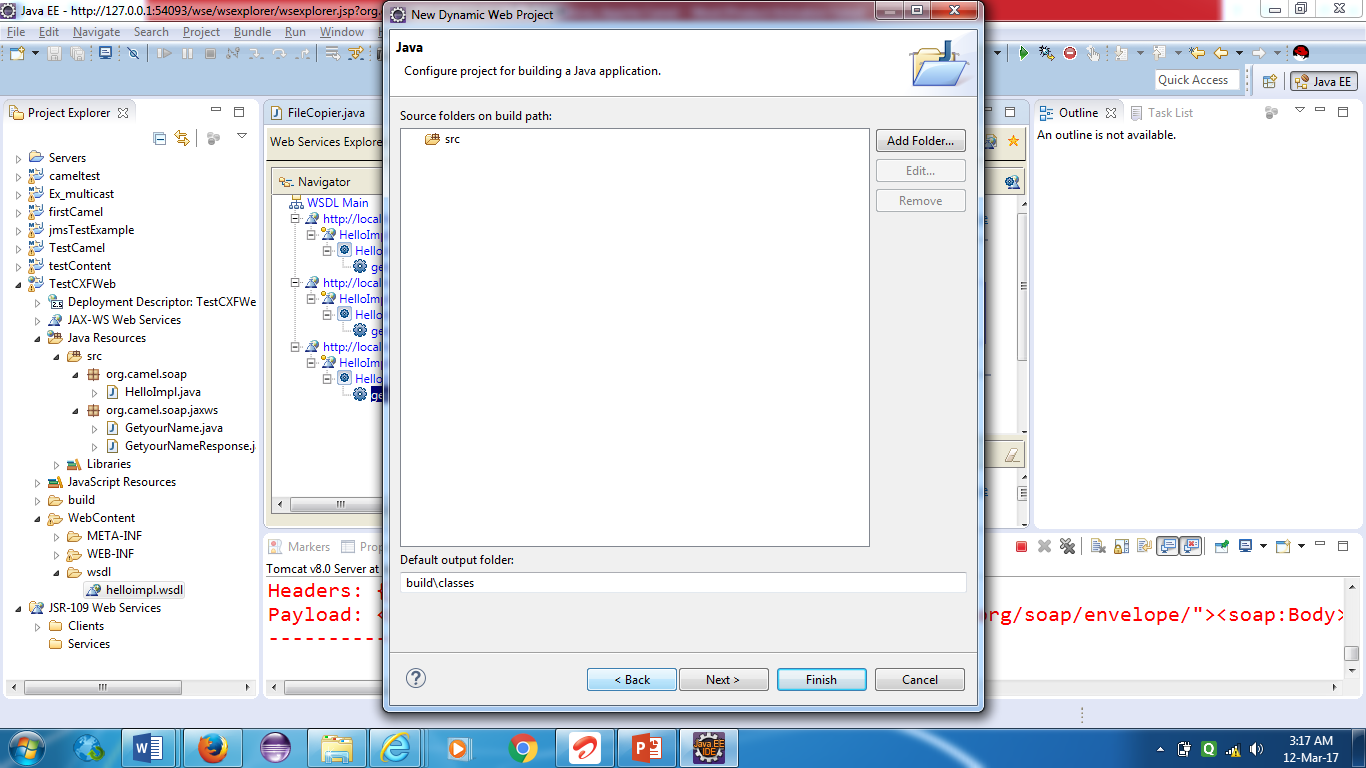


Click on modify button

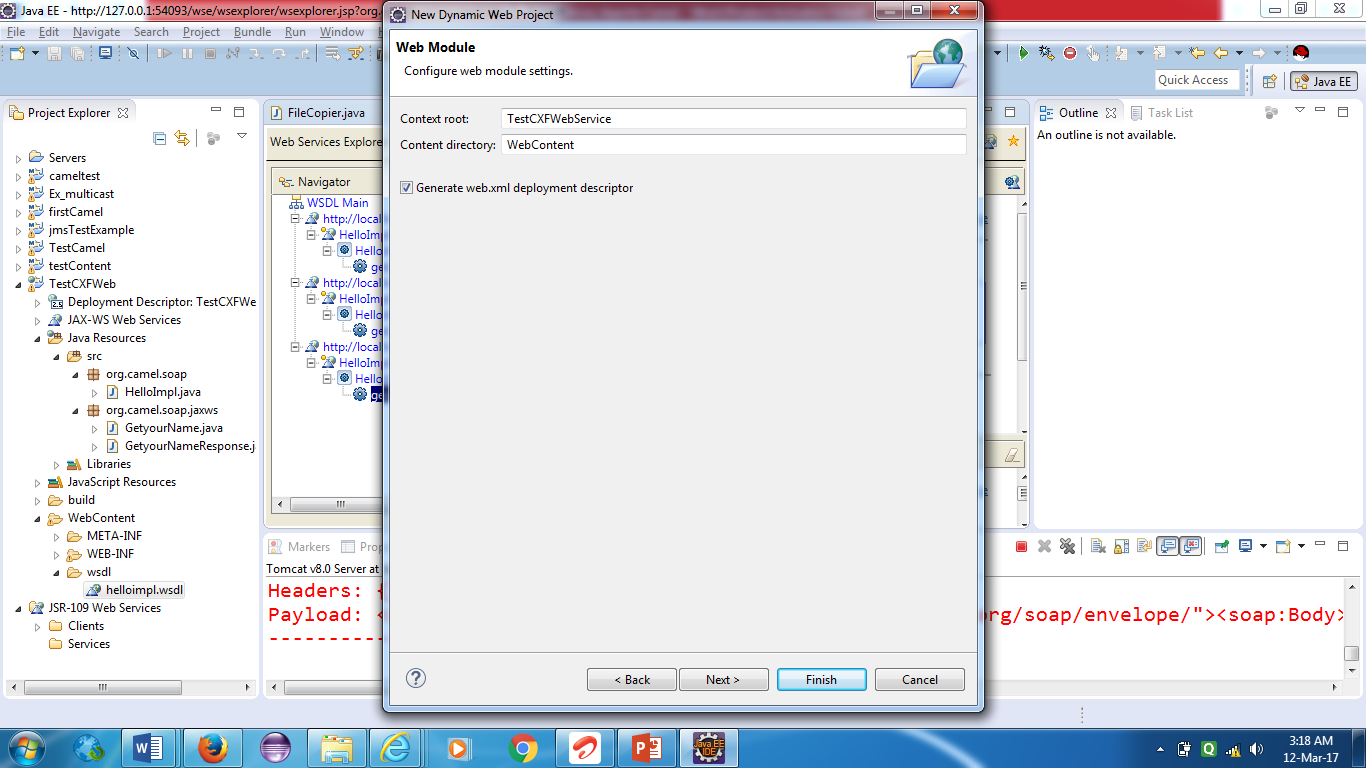


Select the CXF 2.x Web Services then click OK.

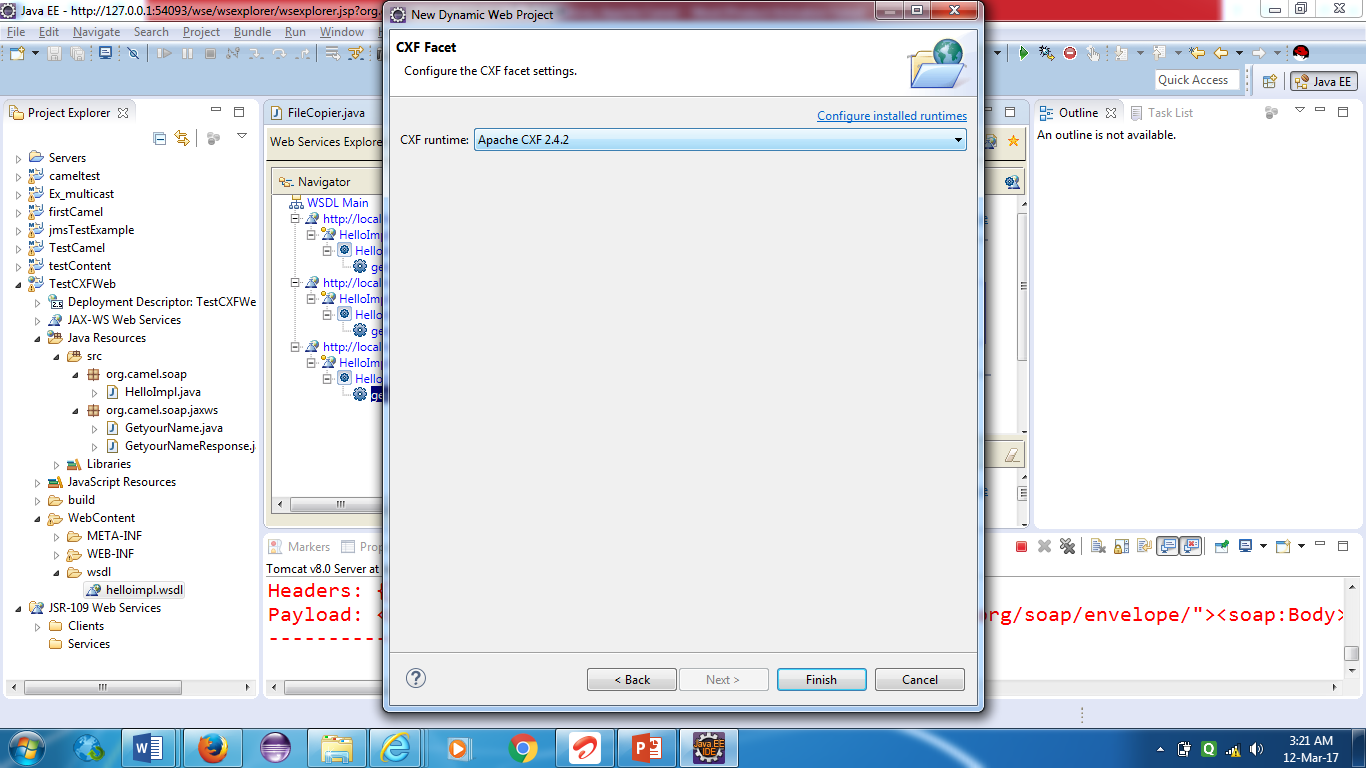
Step 5:



Step 6:

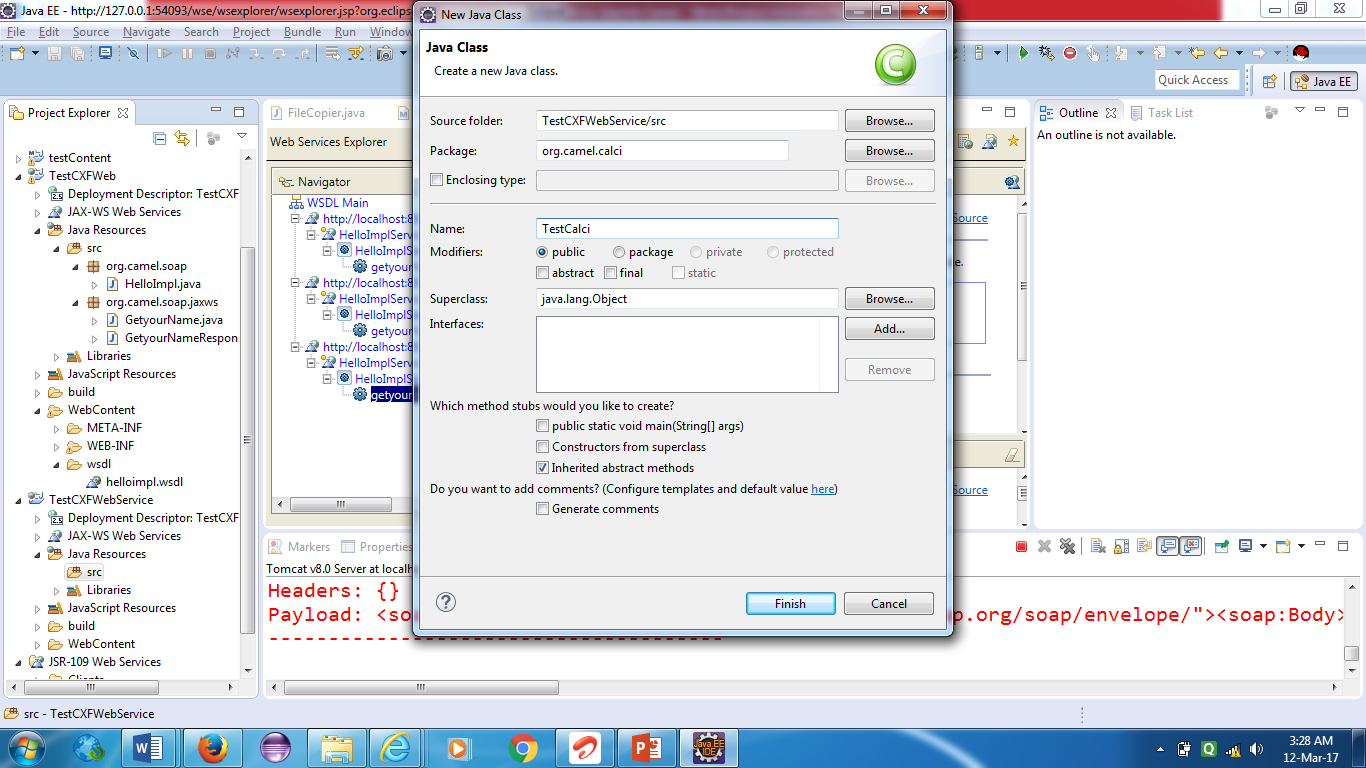


Step 7:



Step 8:

Java Resources🡪src🡪New Class



Step 9:

Write below code

**public** **class** TestCalci {

**public** **int** getAns(**int** x,**int** y){

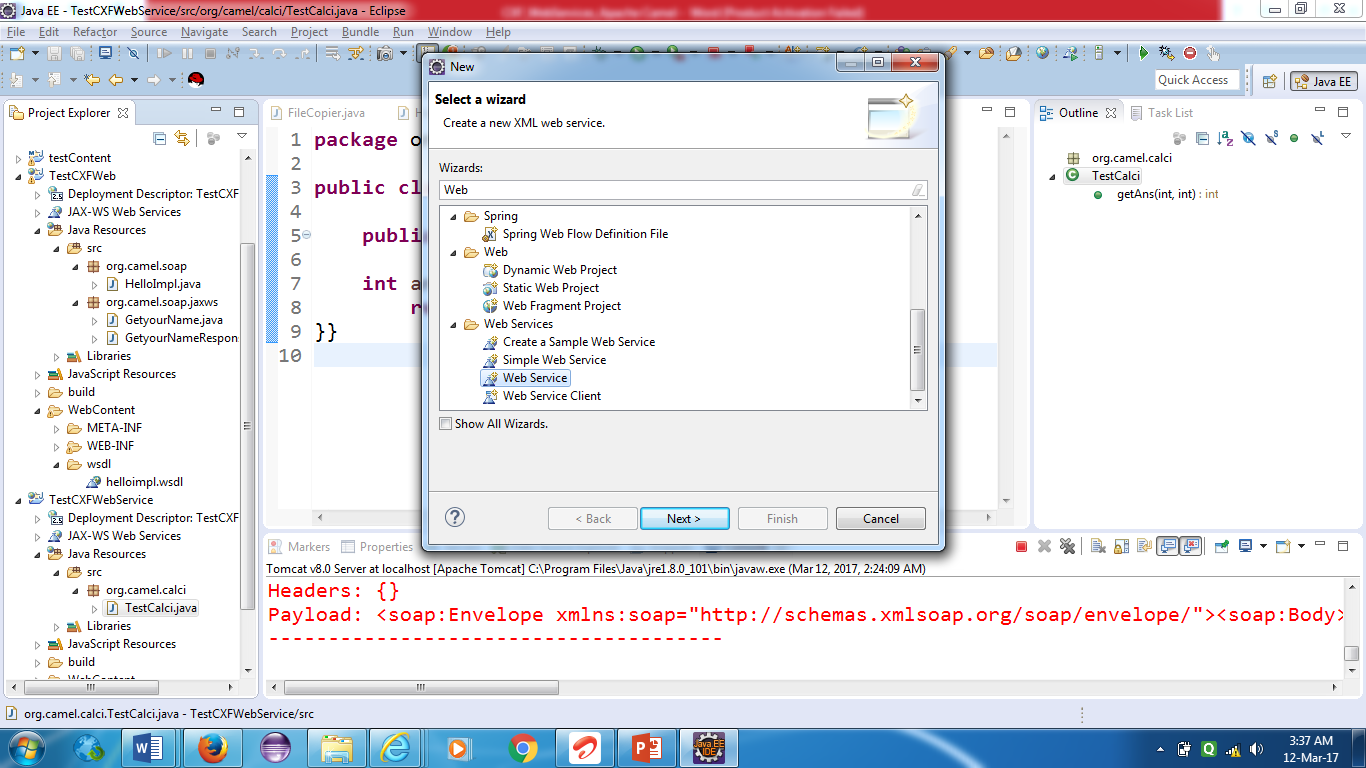
**int** ans=x+y;

**return** ans;

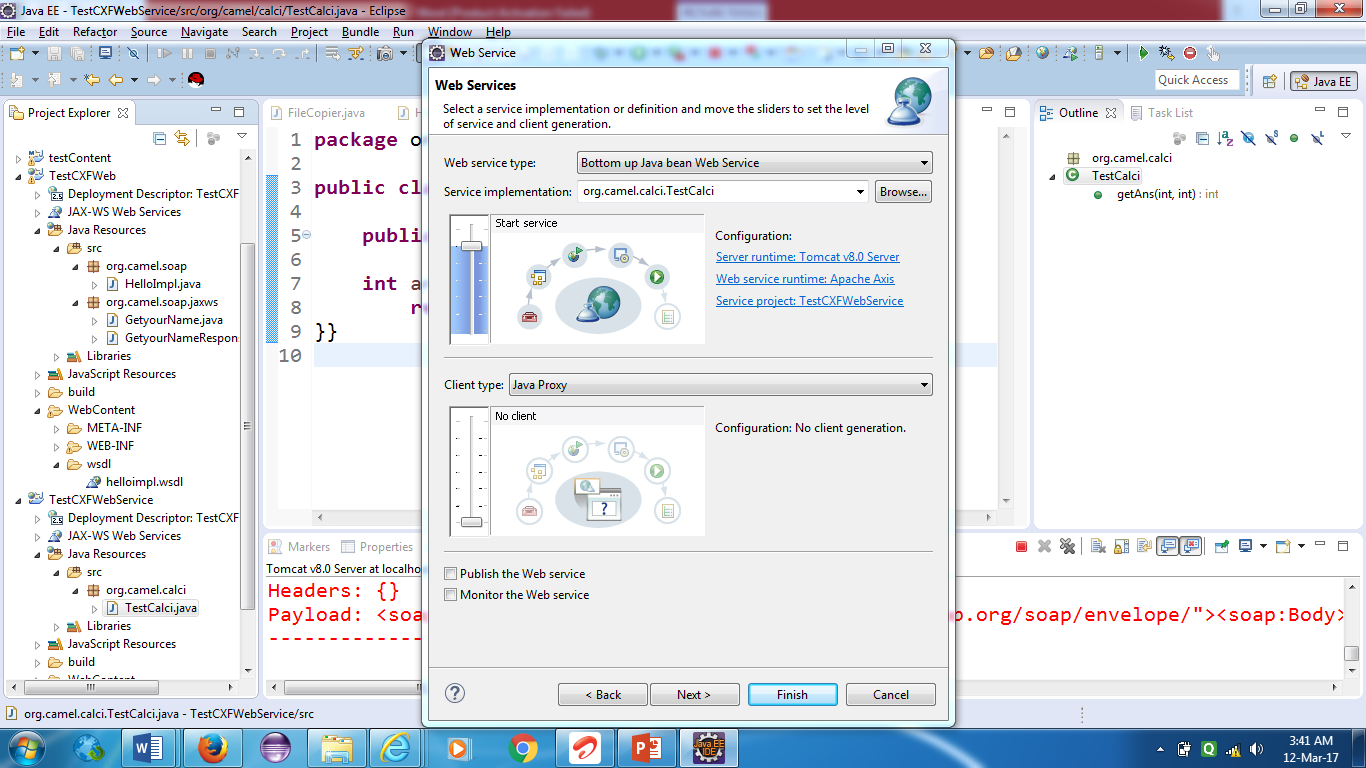
}}

Step 10:

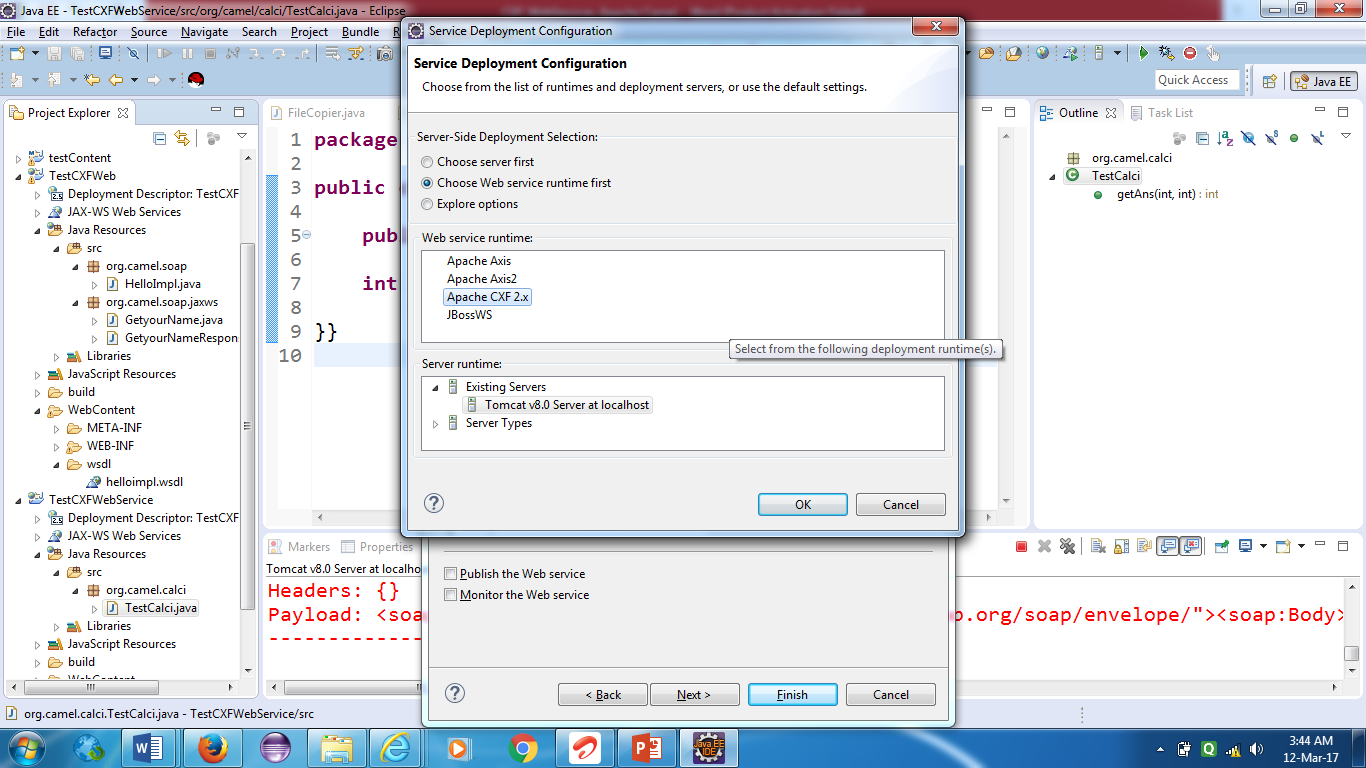
Right click on TestCalci and New🡪WebService



Step 11:Next

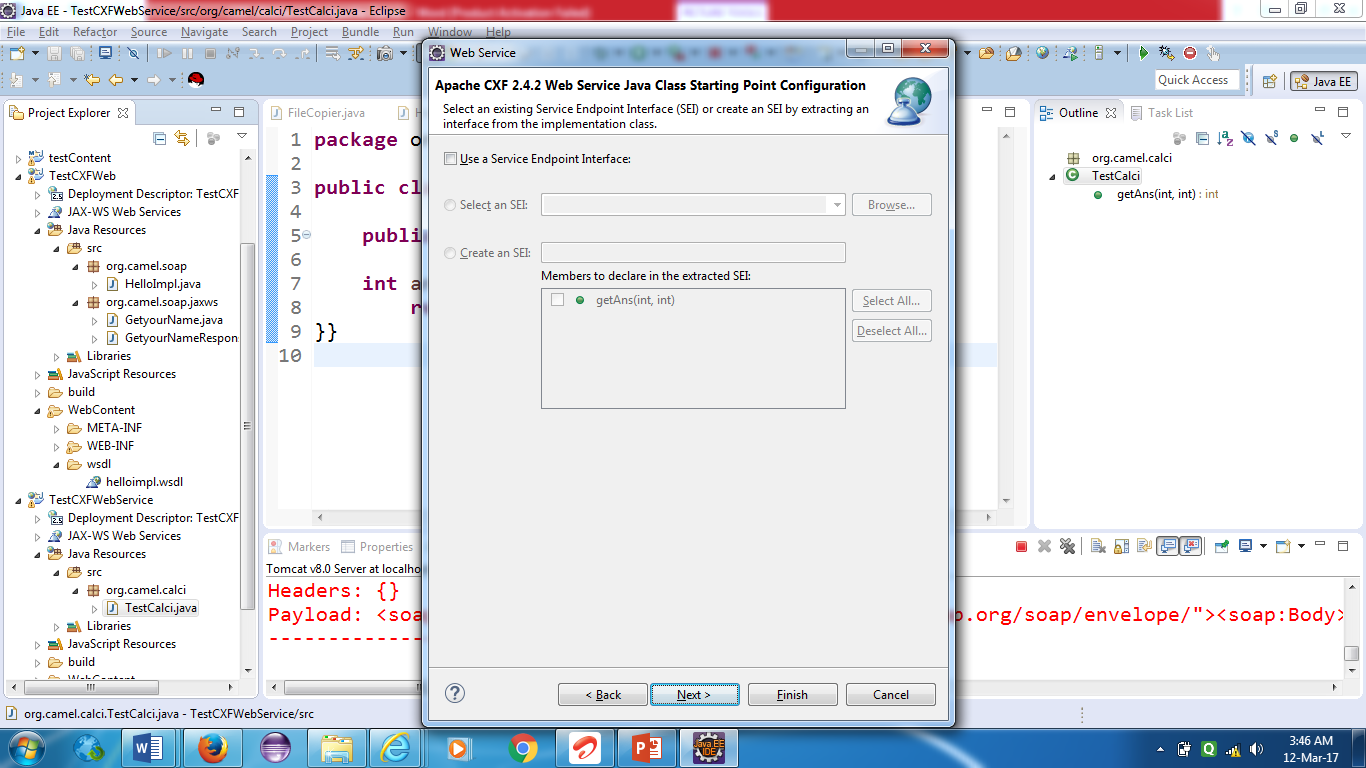


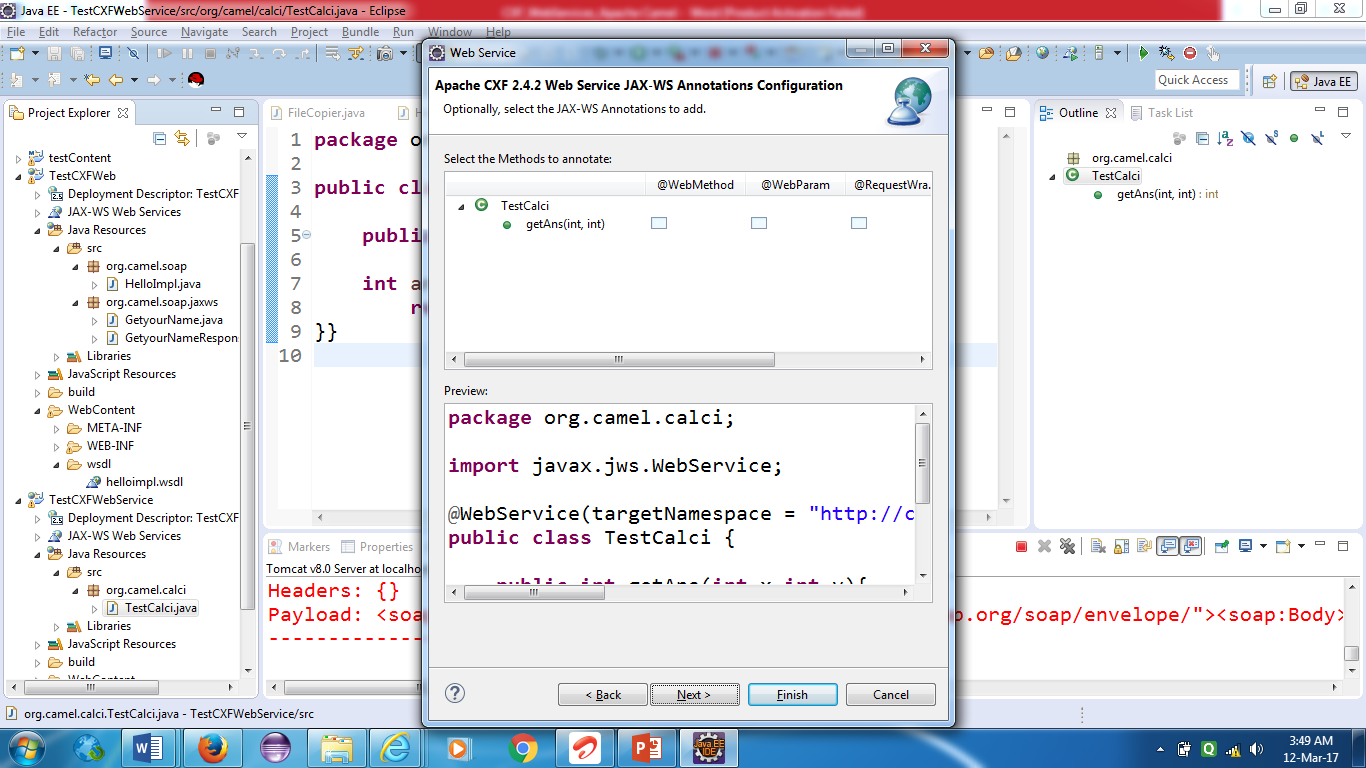
Step 12:click on web service runtime apache axis



Click on Apache cxf 2.x.

Step 13:click next

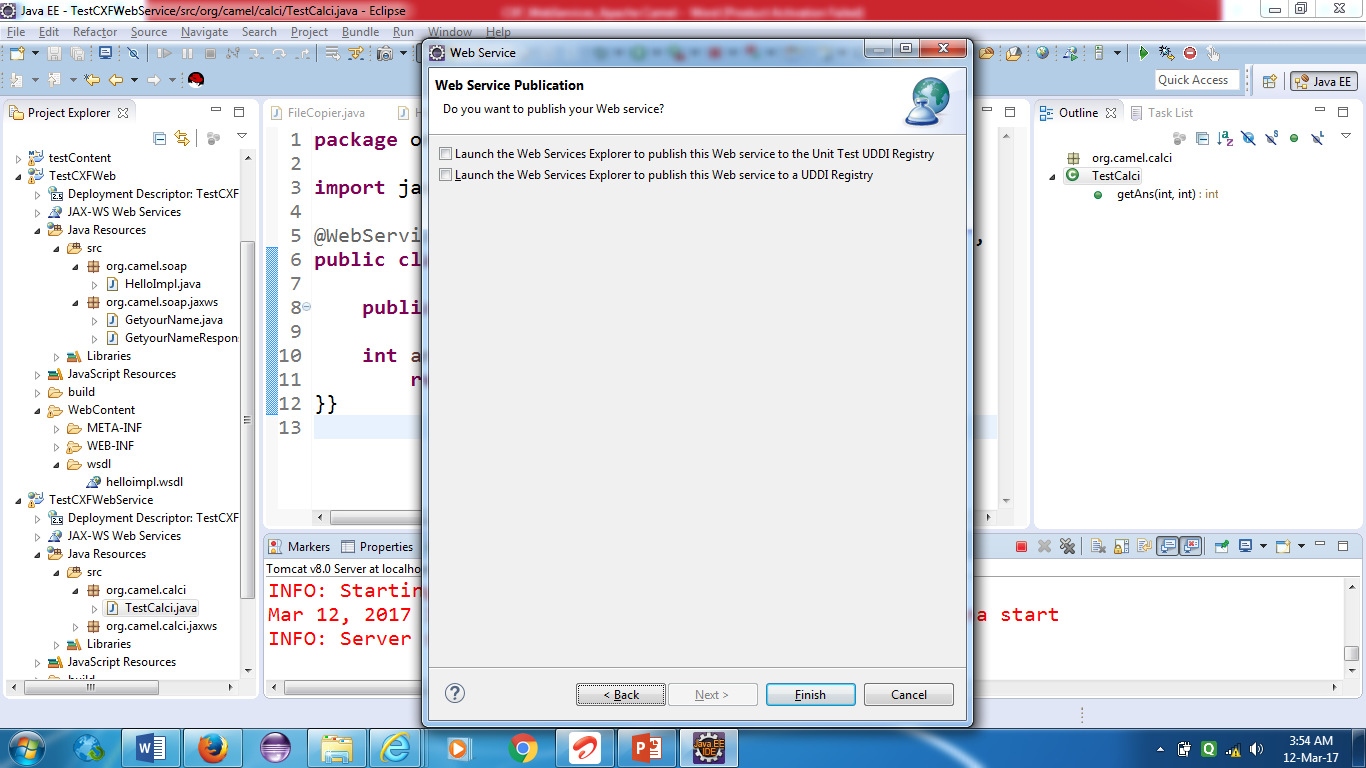




Step 14: Uncheck generate xsd



Click on next

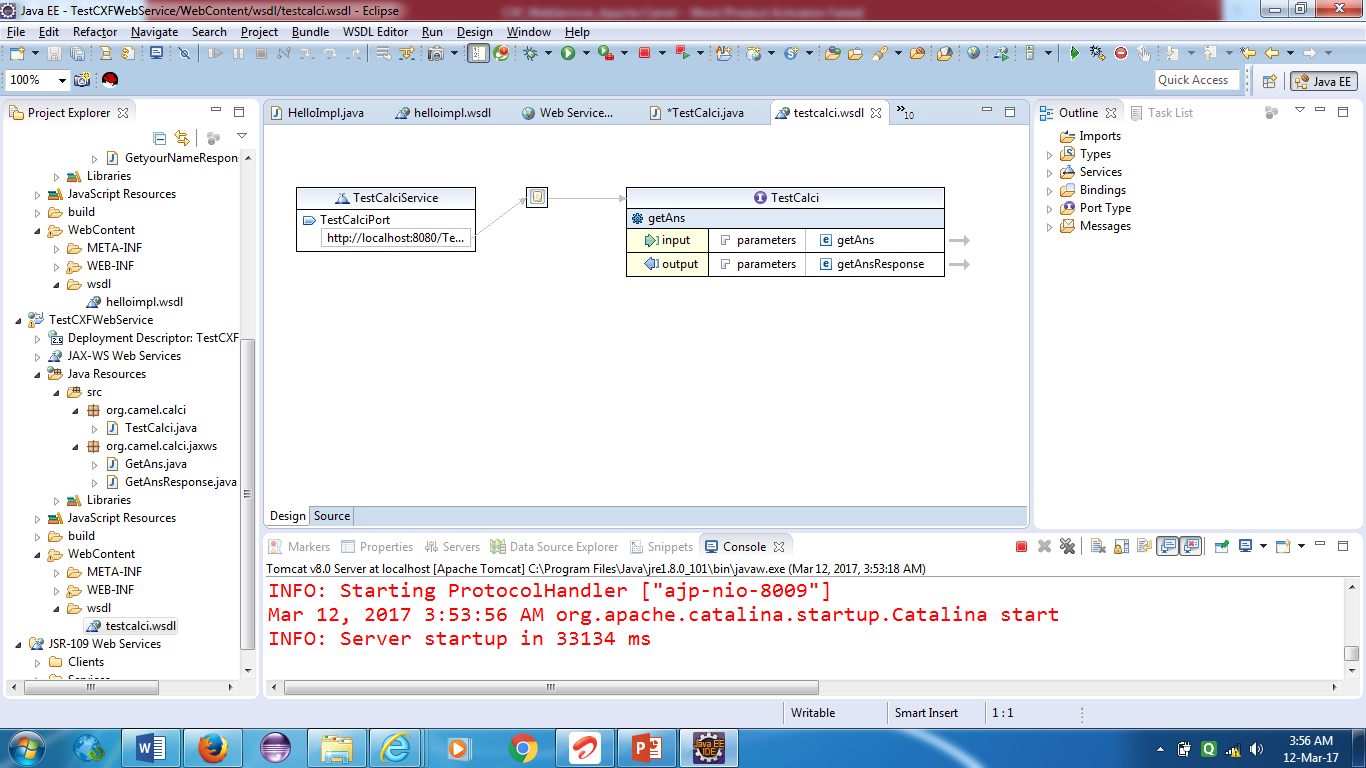


Click on finish.

Step 15:

Click on web content folder to see wsdl file

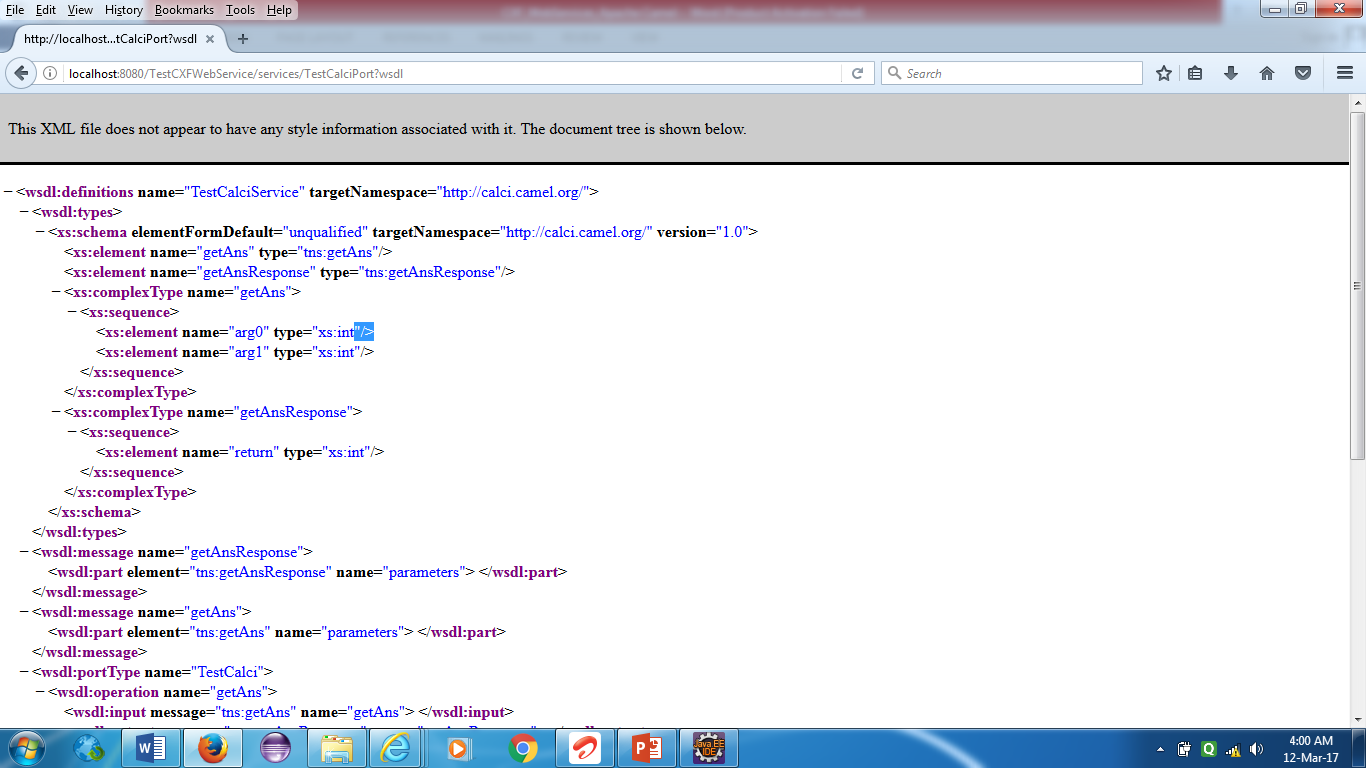
Click on wsdl which created



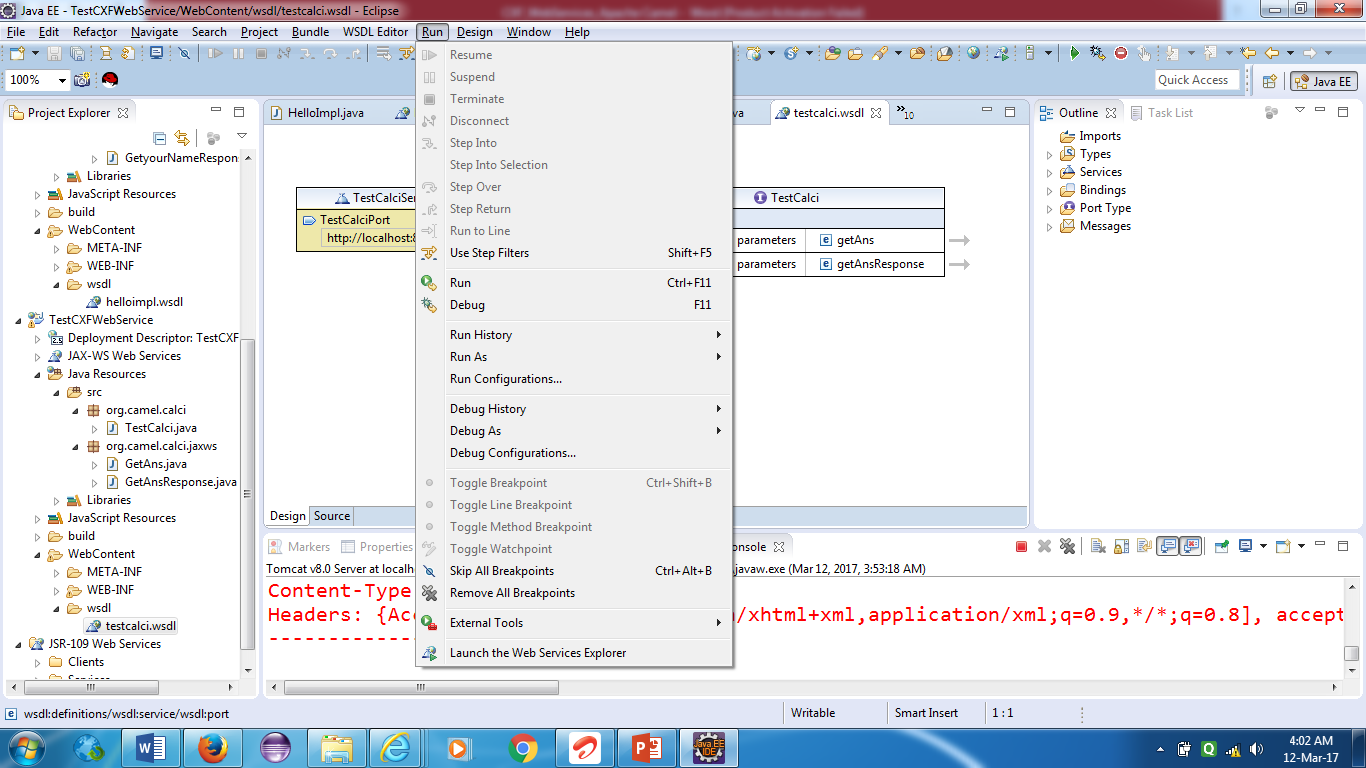
Step 16: Select URL from TestCalciService

<http://localhost:8080/TestCXFWebService/services/TestCalciPort?wsdl>

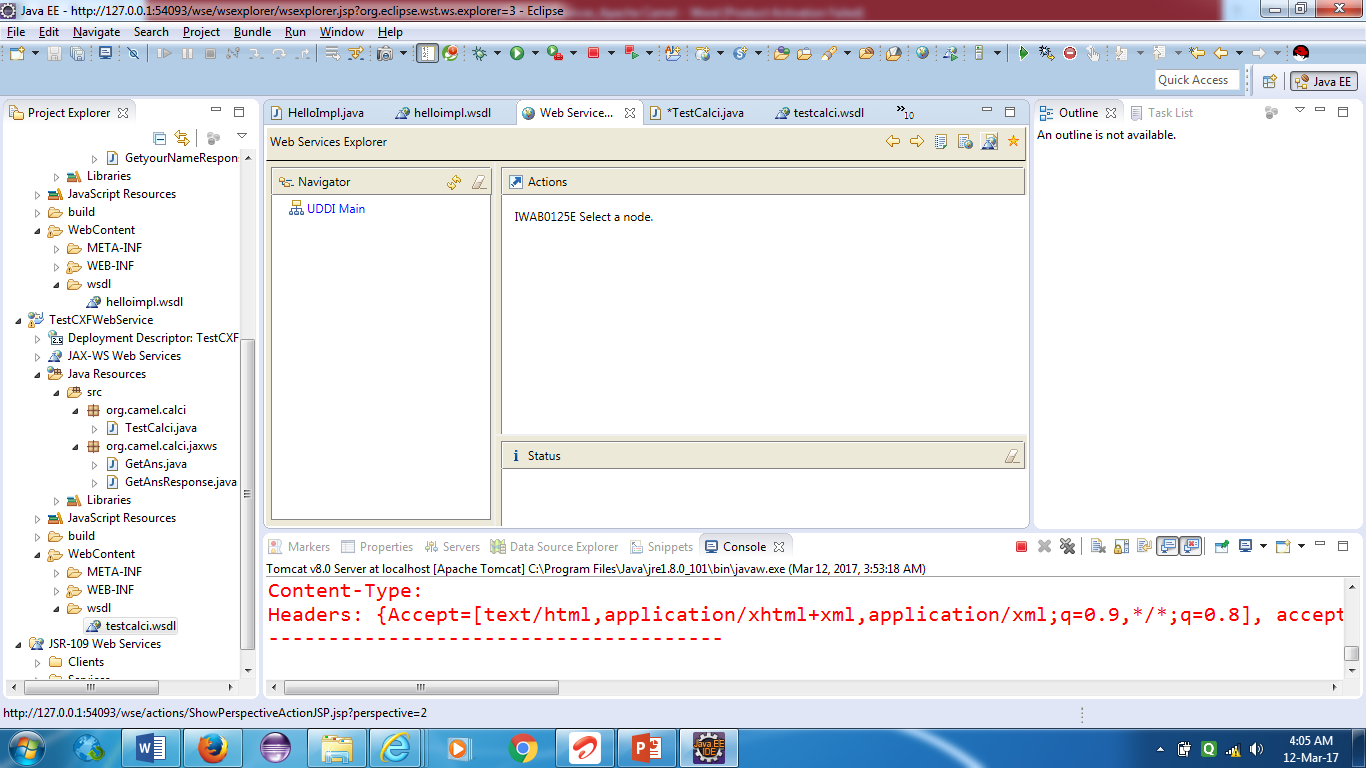
paste it in browser. If wsdl displayed then the web service is working properly.



Step 17: Goto Run 🡪Launch Web Service Explorer



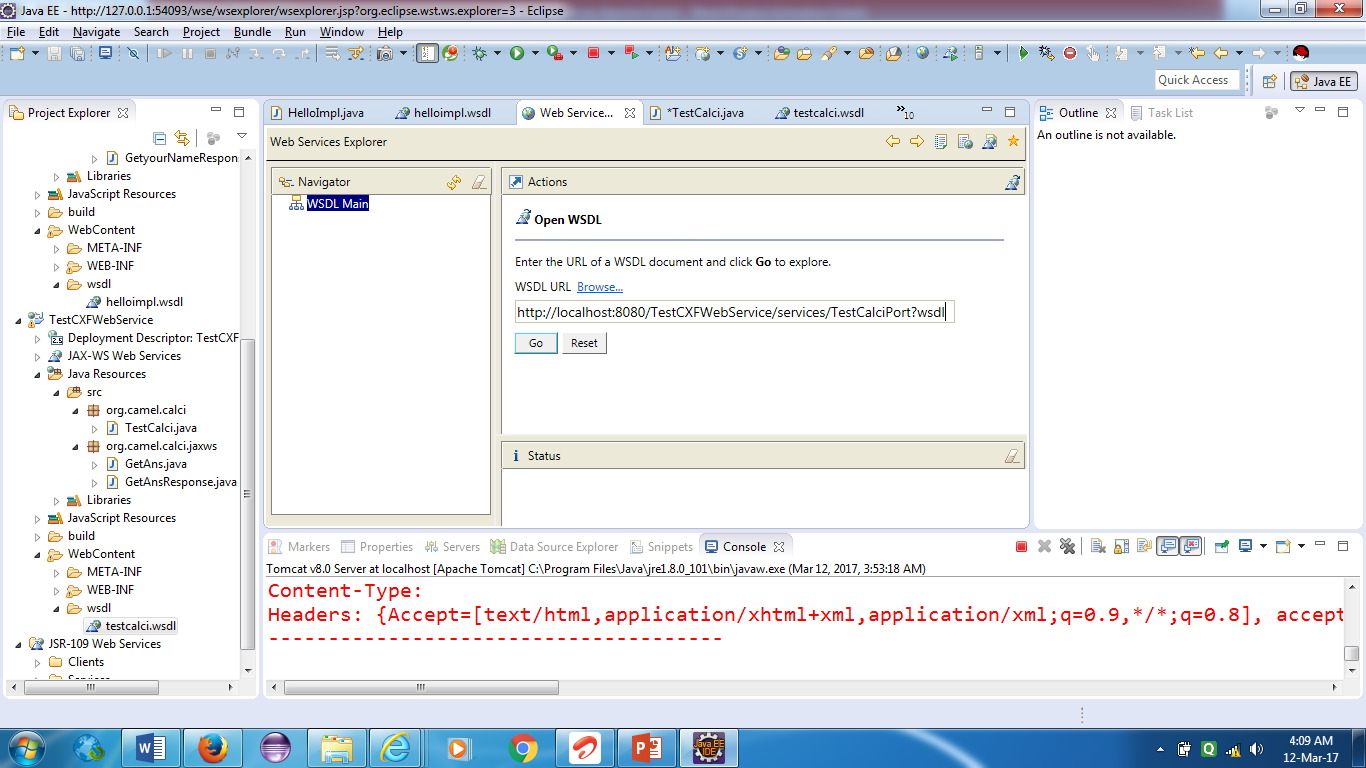
Step 18:



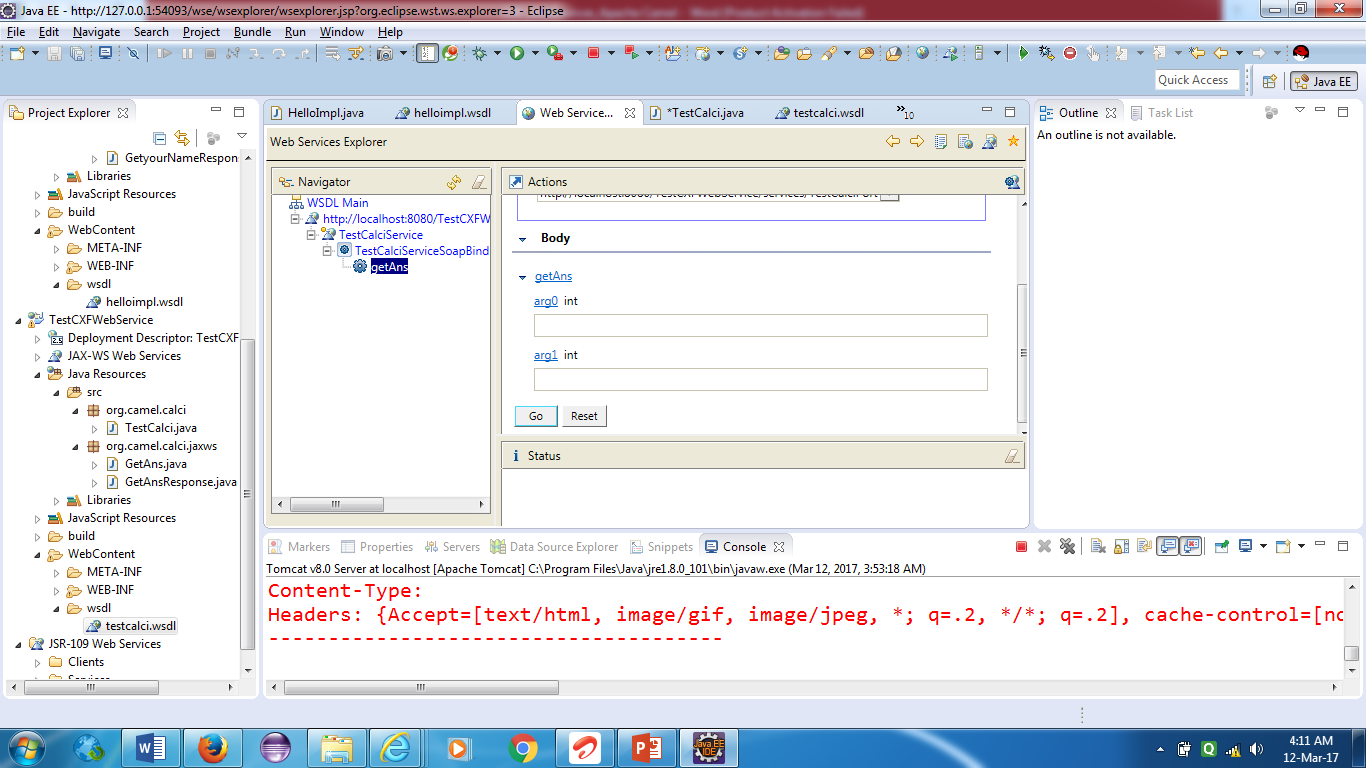
Click on wsdl page

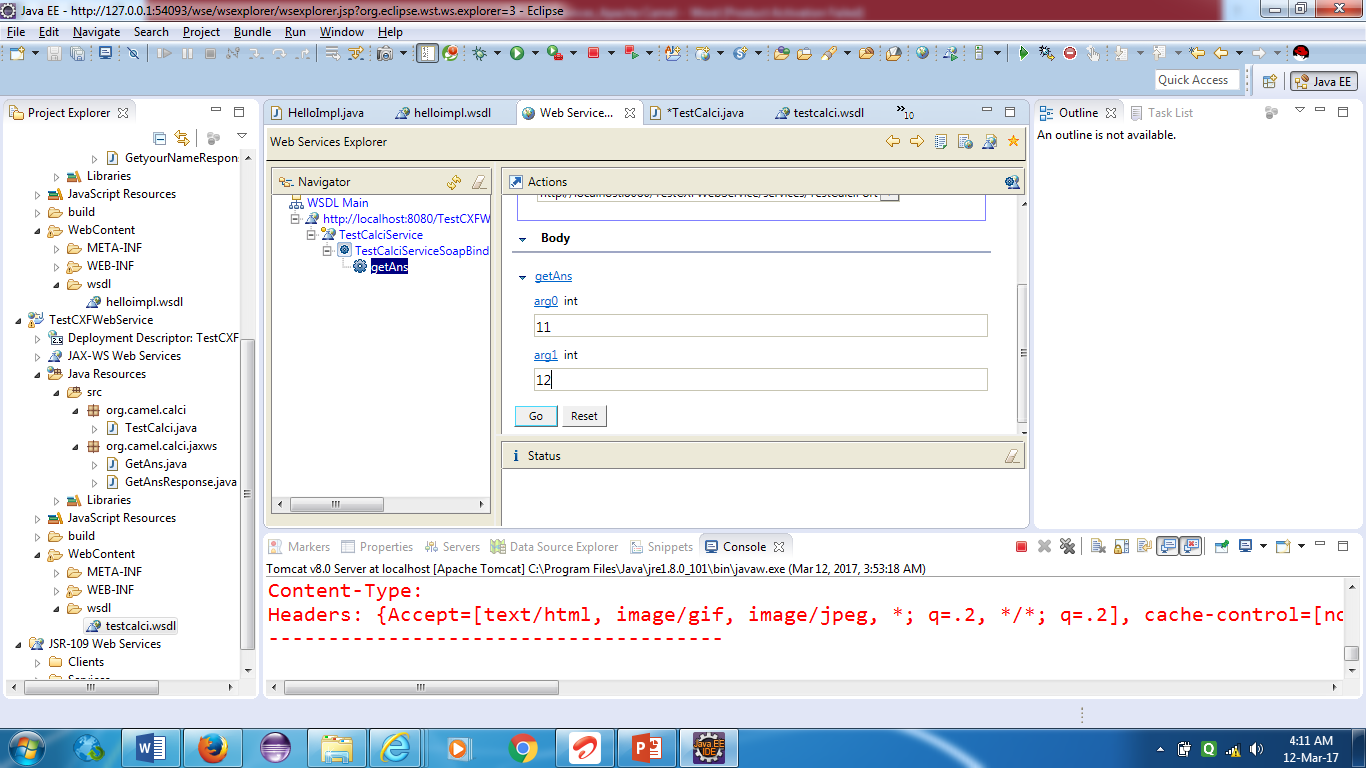


Type a url for wsdl file in box and click on go



Click on getAns method





Enter two values for two argument which we have declared in getAns method.

Click on Go button.You can see the output as 23.

In status window.

