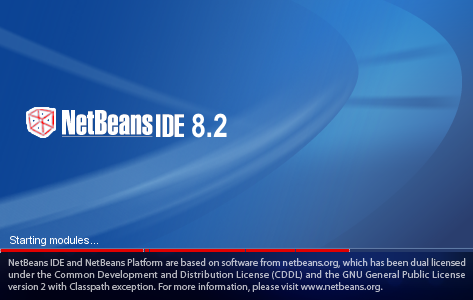
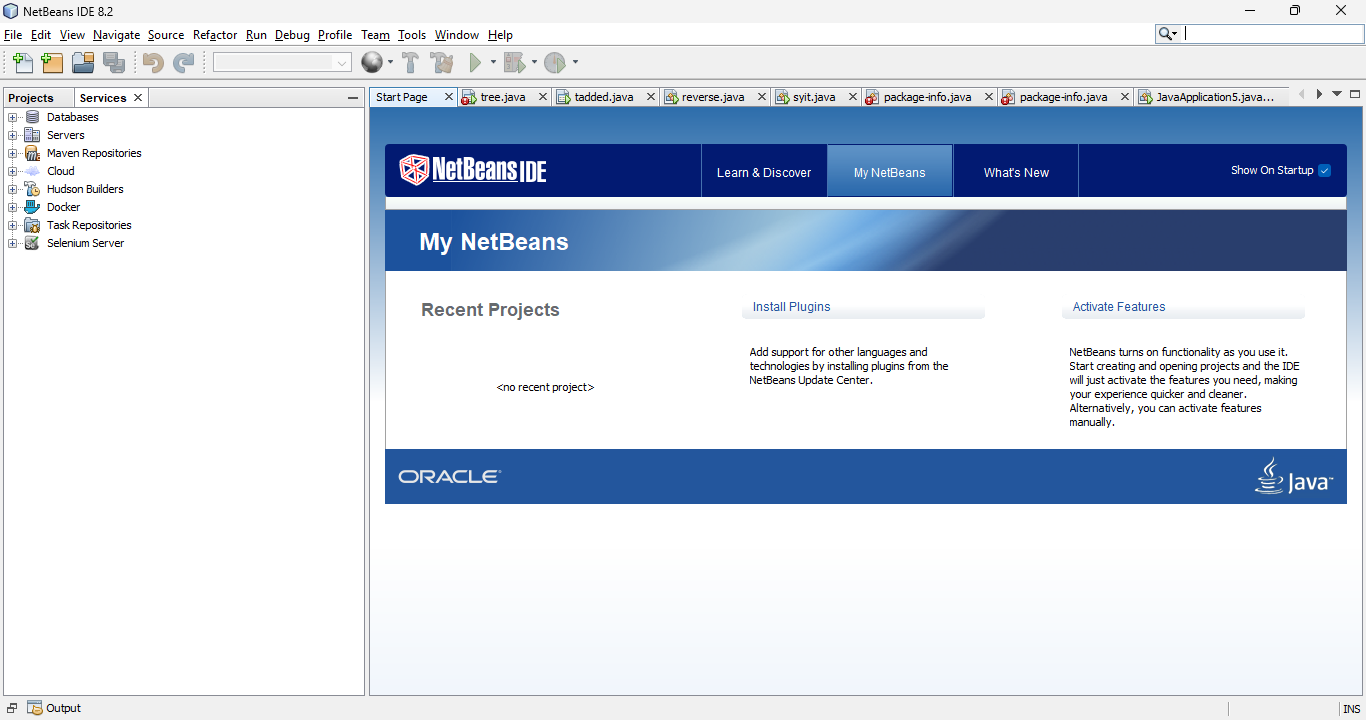
**Practical No :2**

**Aim: Create a simple SOAP.**

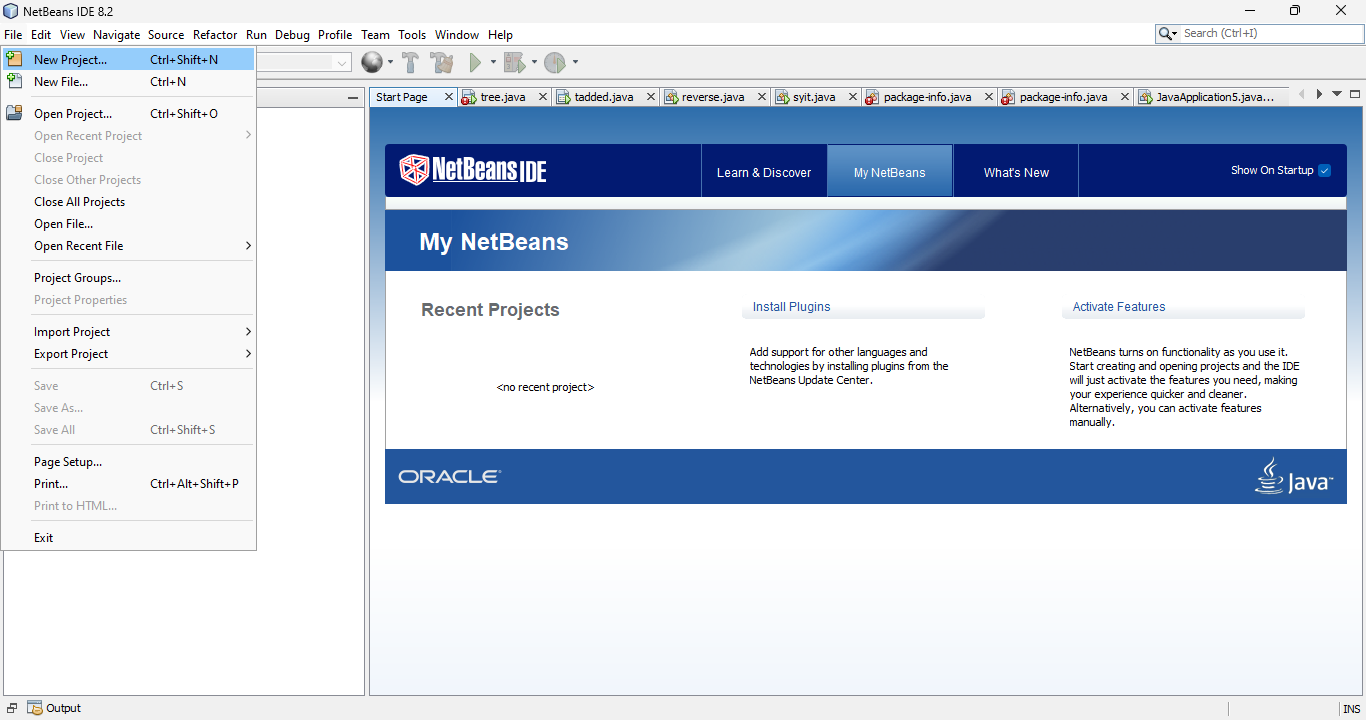
* **For Java web :**
* **Steps :**

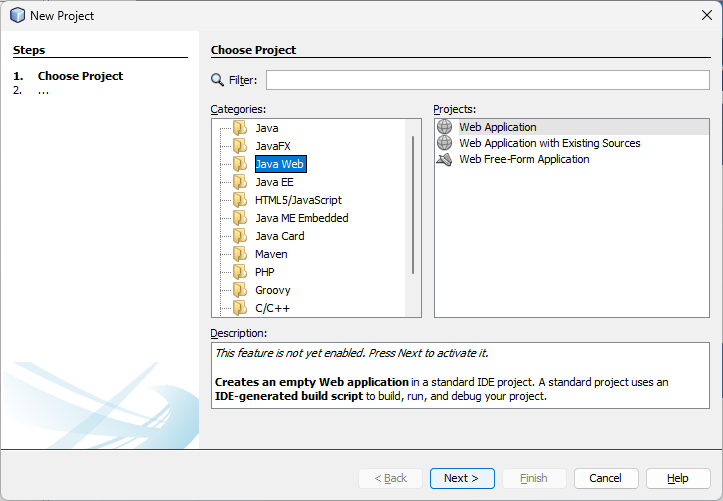
1. Open NetBeans IDE

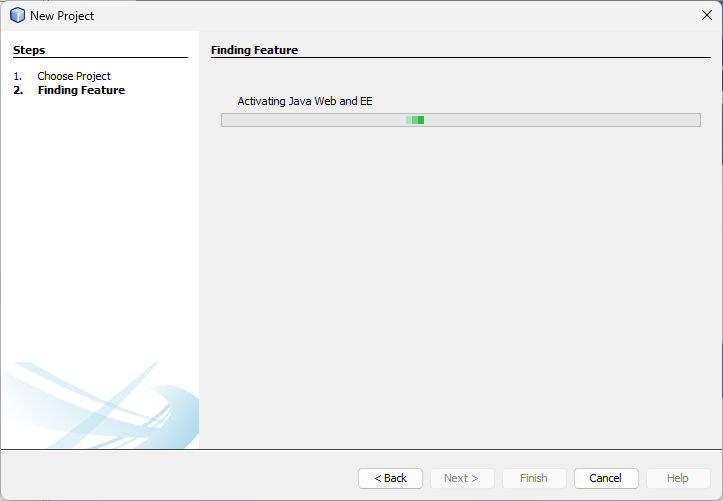




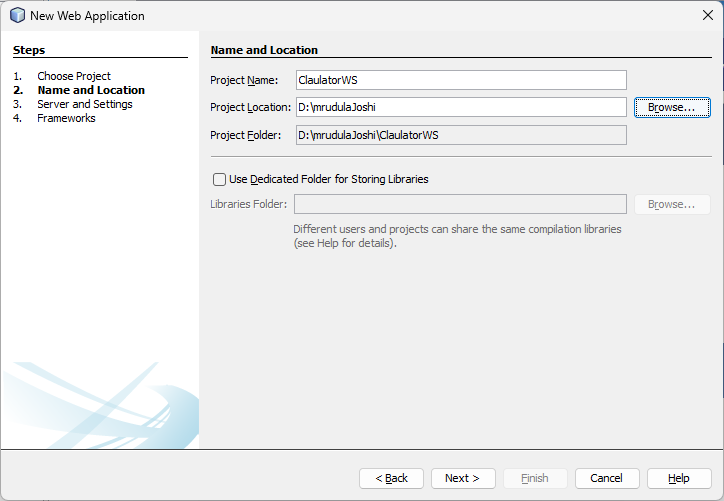
2) For Create new project > Click on File > Select New Project



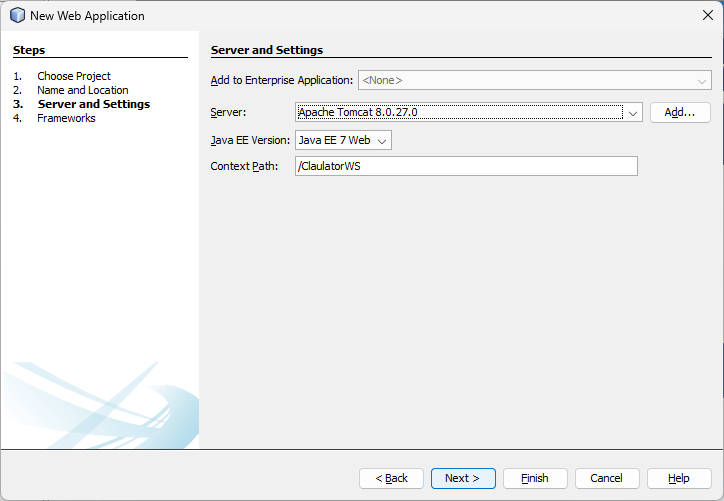
3) Select java web > web application 



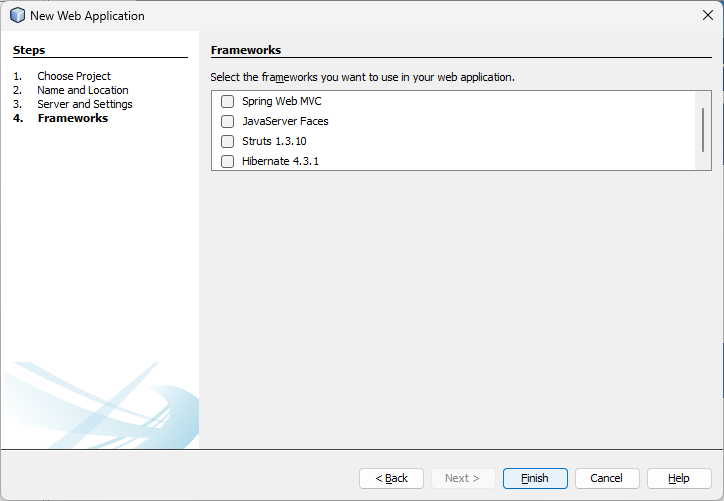
4) Give project name and set the location



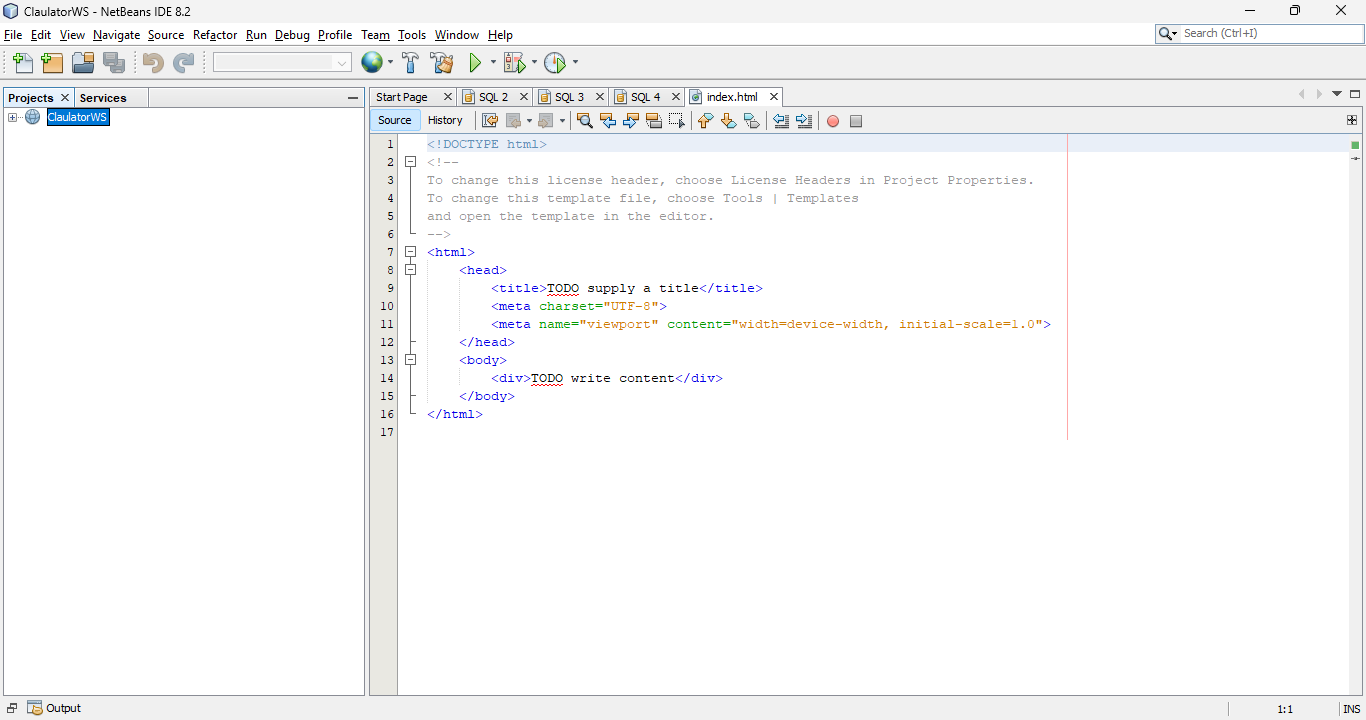
5) Select server Apache Tomcat 8.0.27.0 and click on next



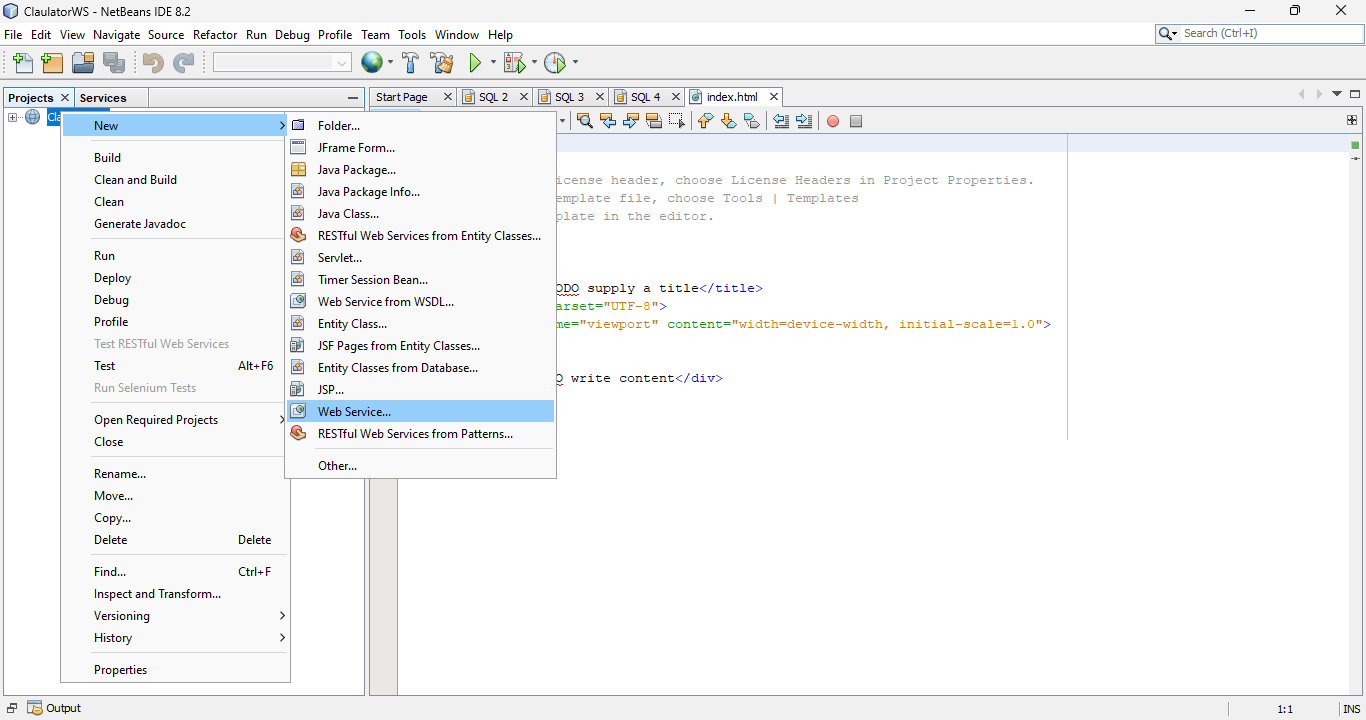
6) Click on finish



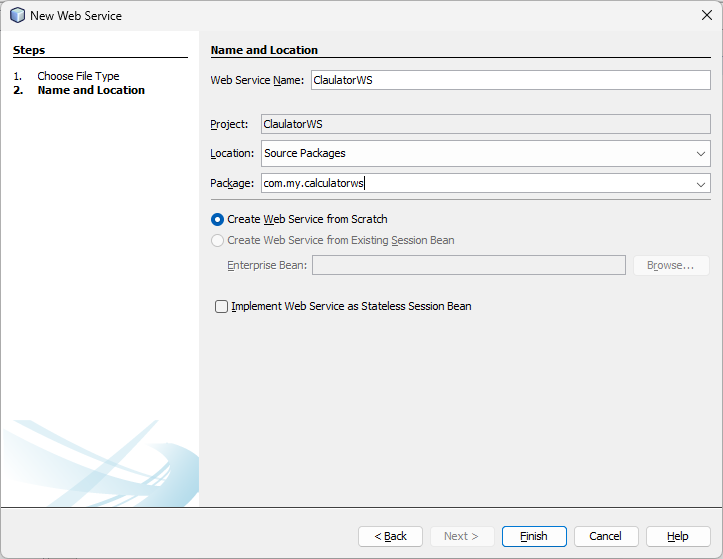
7) Select Project



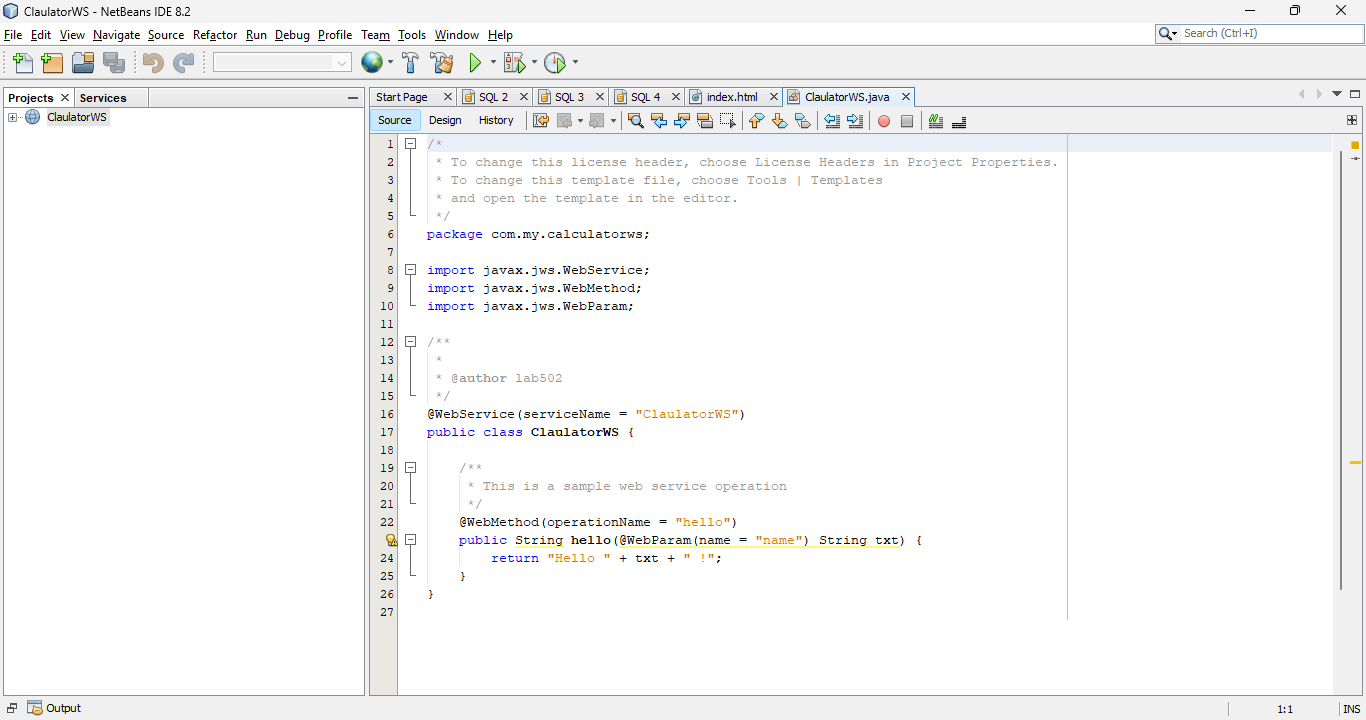
8) Right click on project > click on new > select web servies



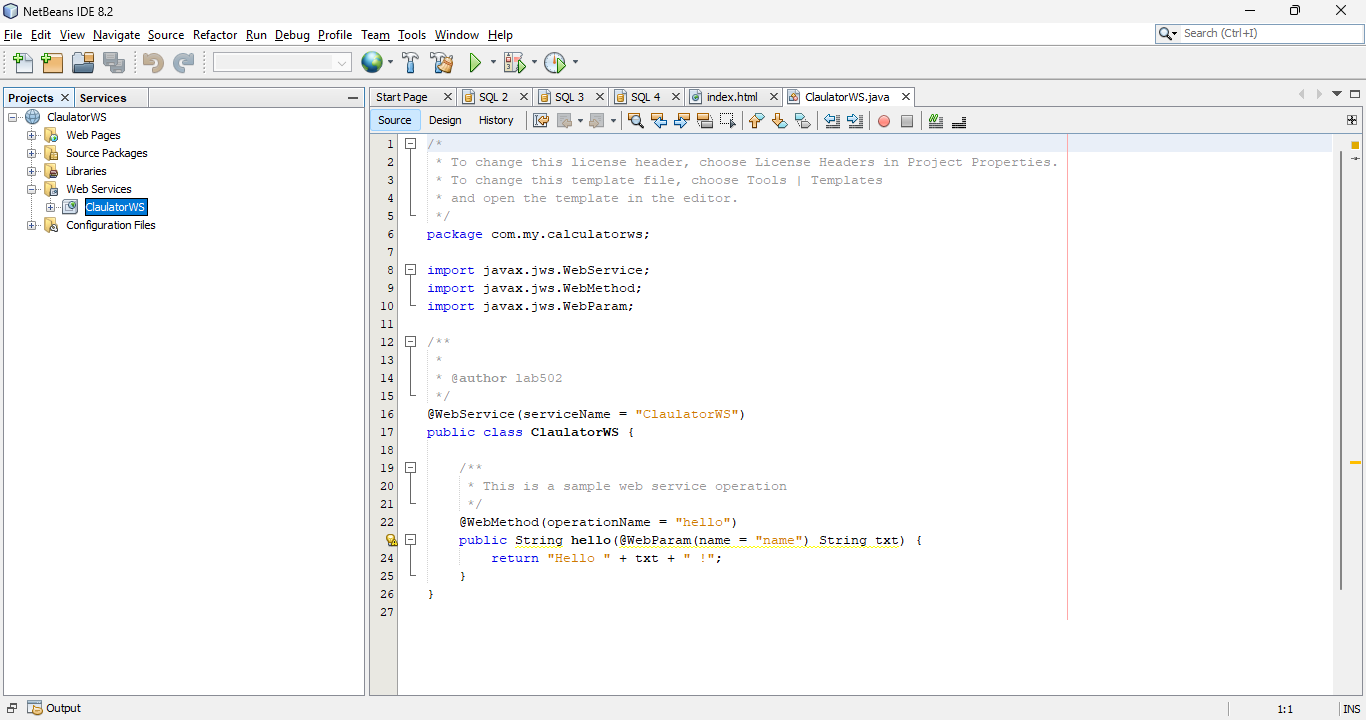
9) Give name to web service also give package name > click on finish



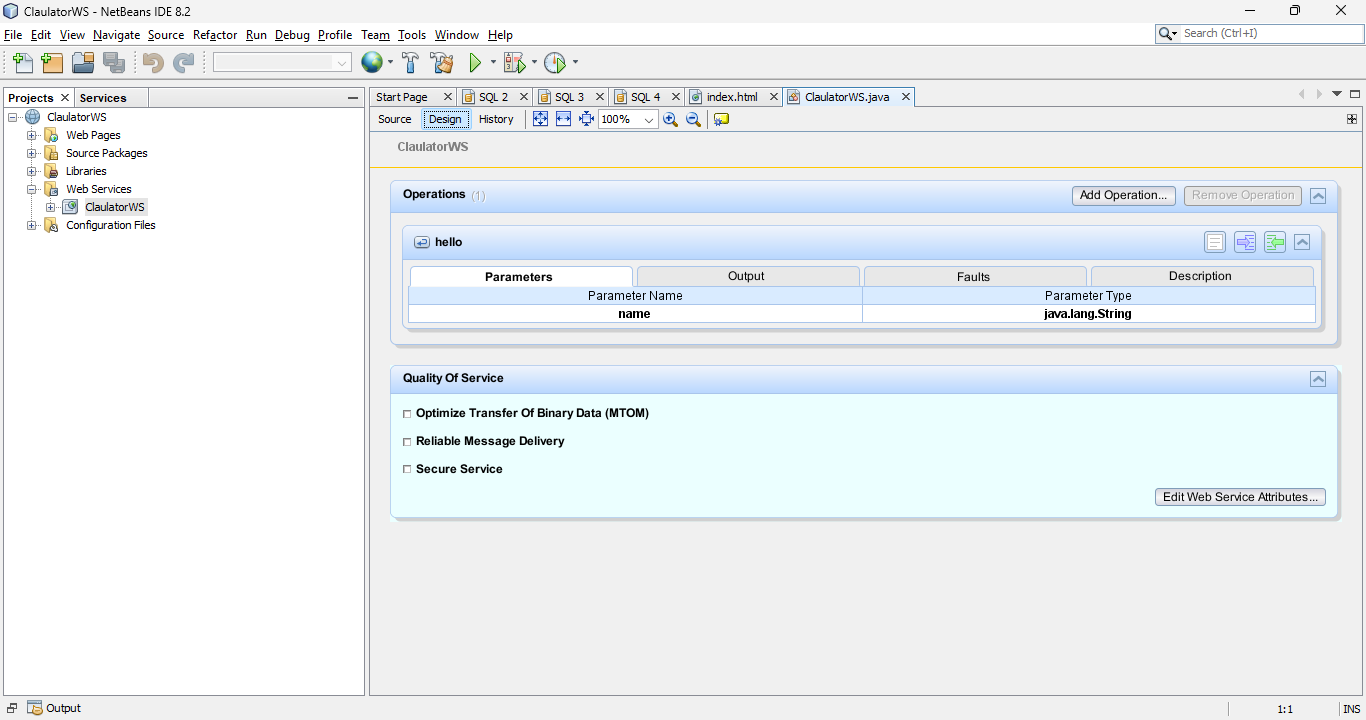
10) Select Project > click on plus sign



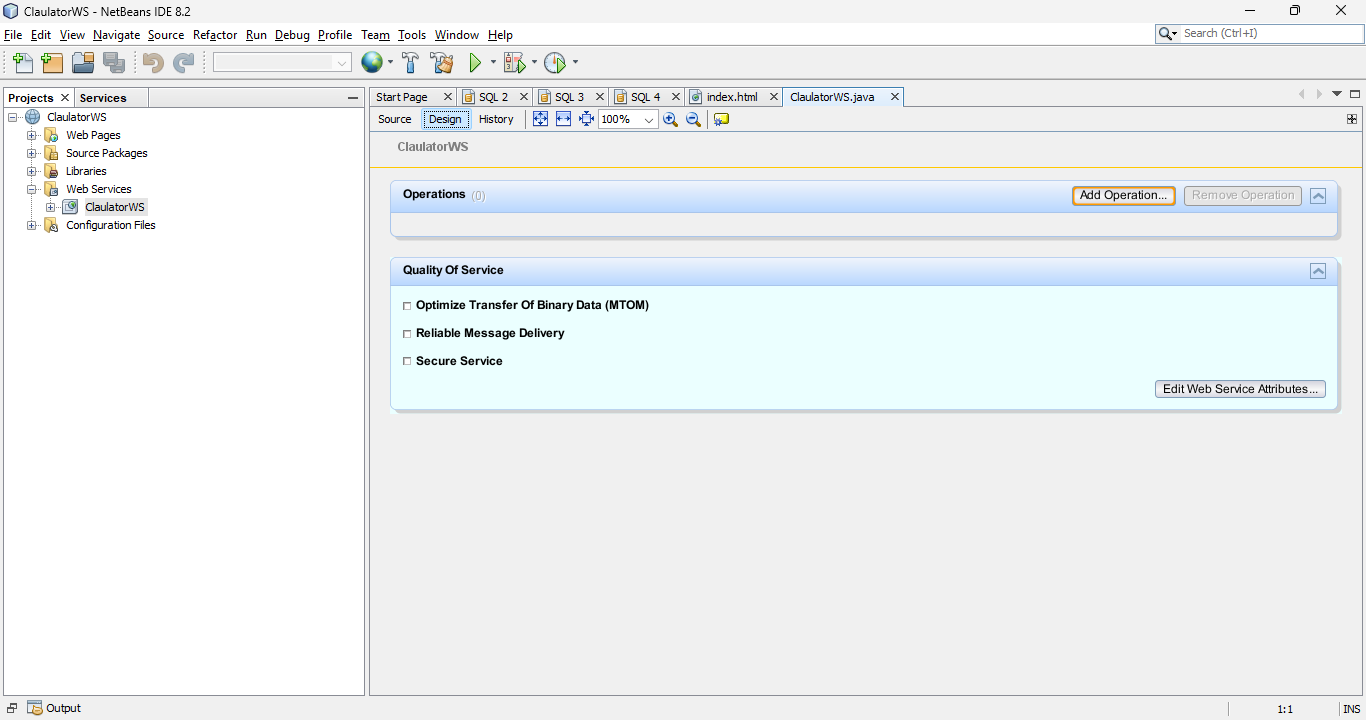
11) Select web service option



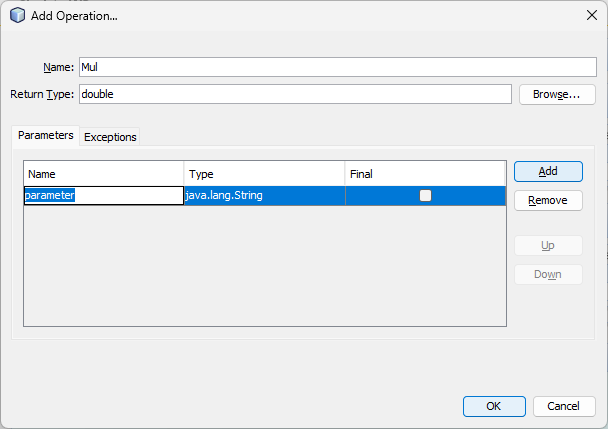
12) Select design tab > select default operation > click on remove operation



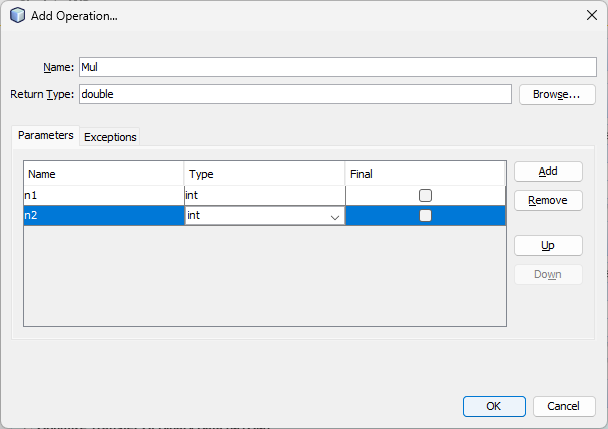
13) Click on add operation



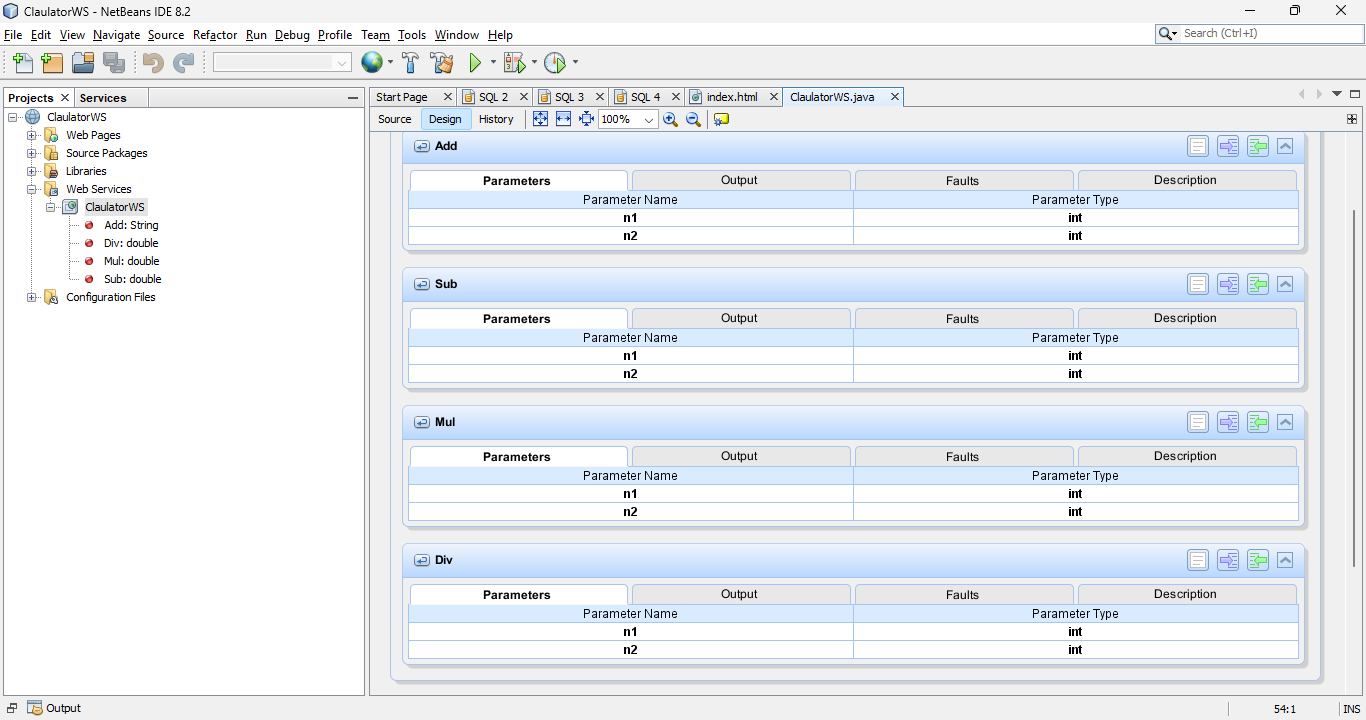
14) Set the operation name for ex. Multiplication(Mul) > return type double



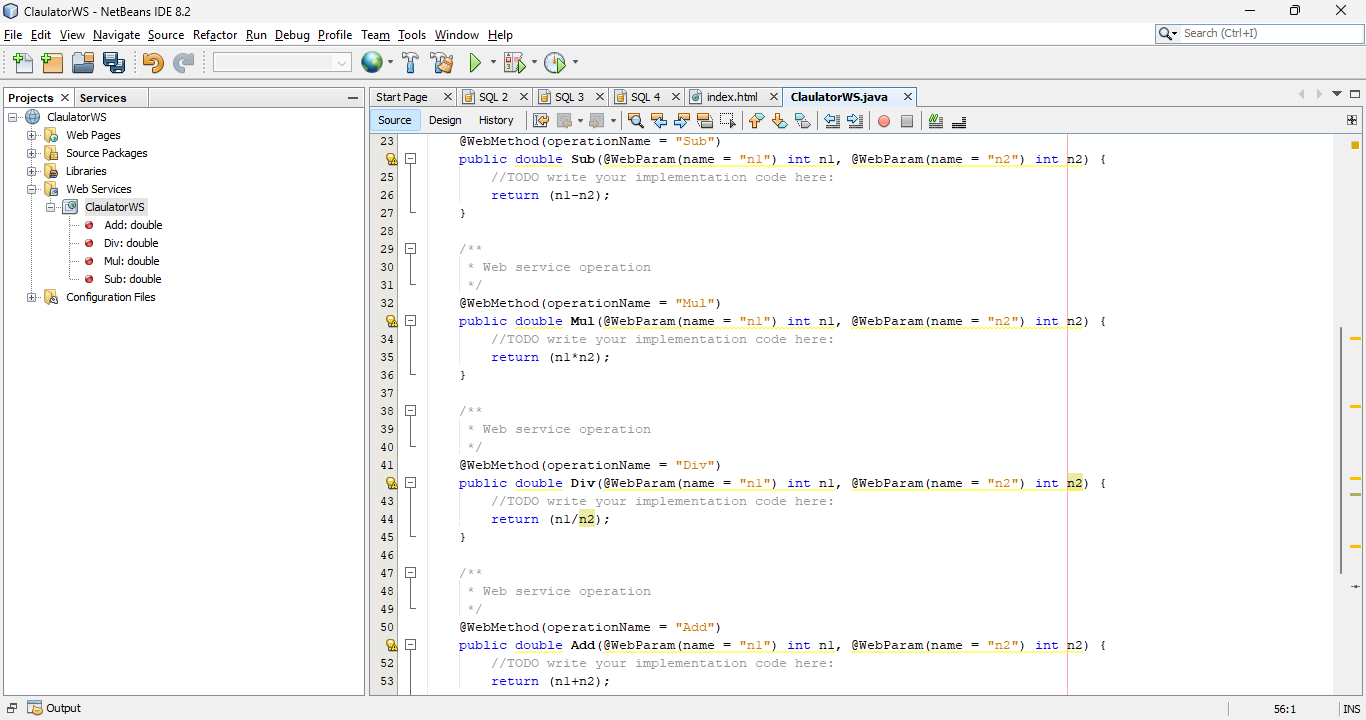
15) For adding parameter > Click on add > set parameter name and type > click on ok



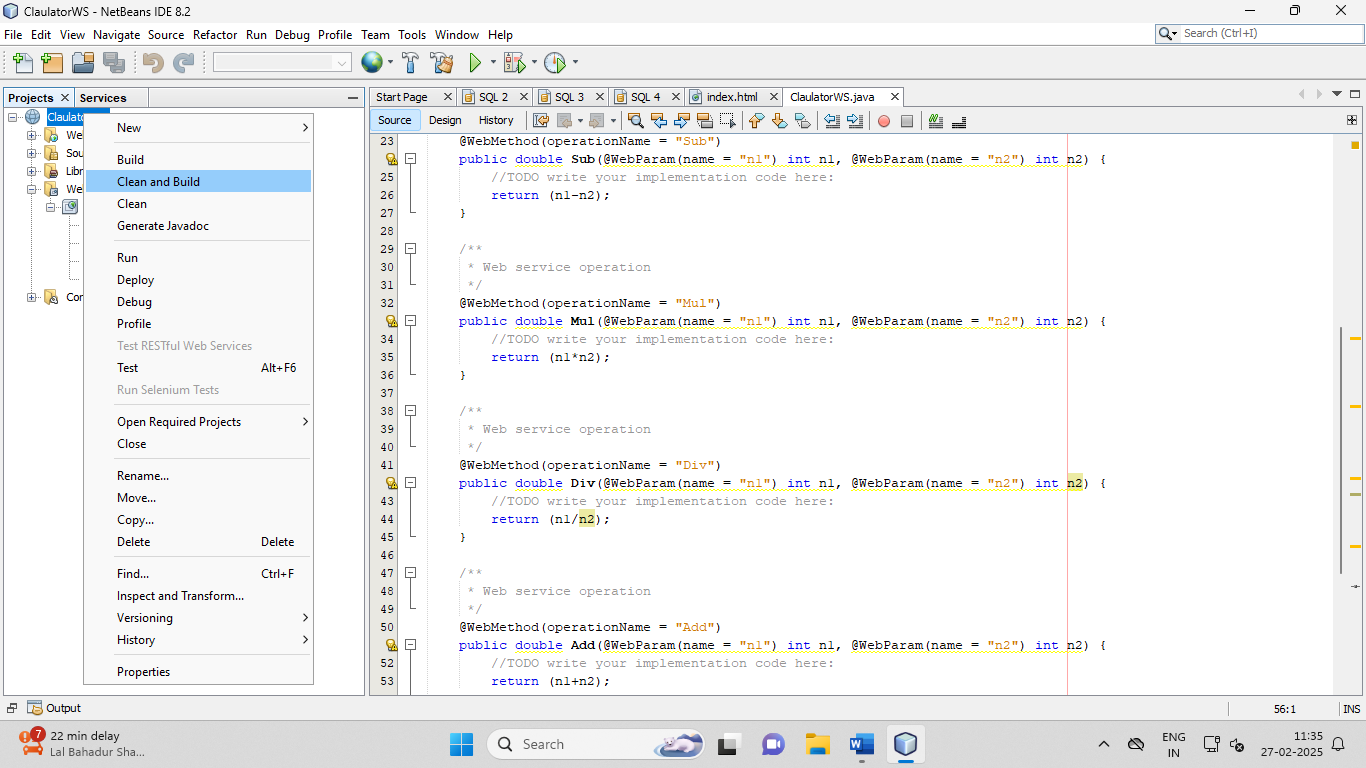
16) Click on add and same like this Multiplication other 4 operations for ex. Subtraction, Addition, Division



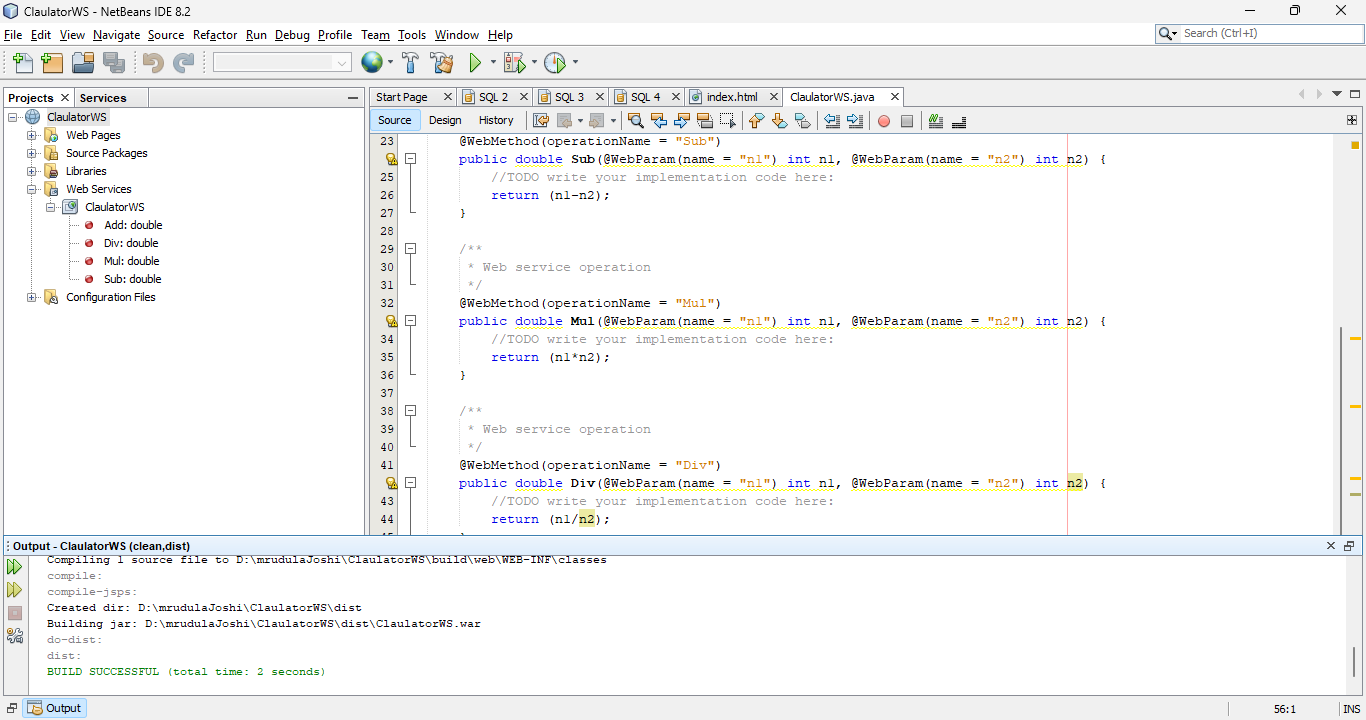
17) Click on source tab



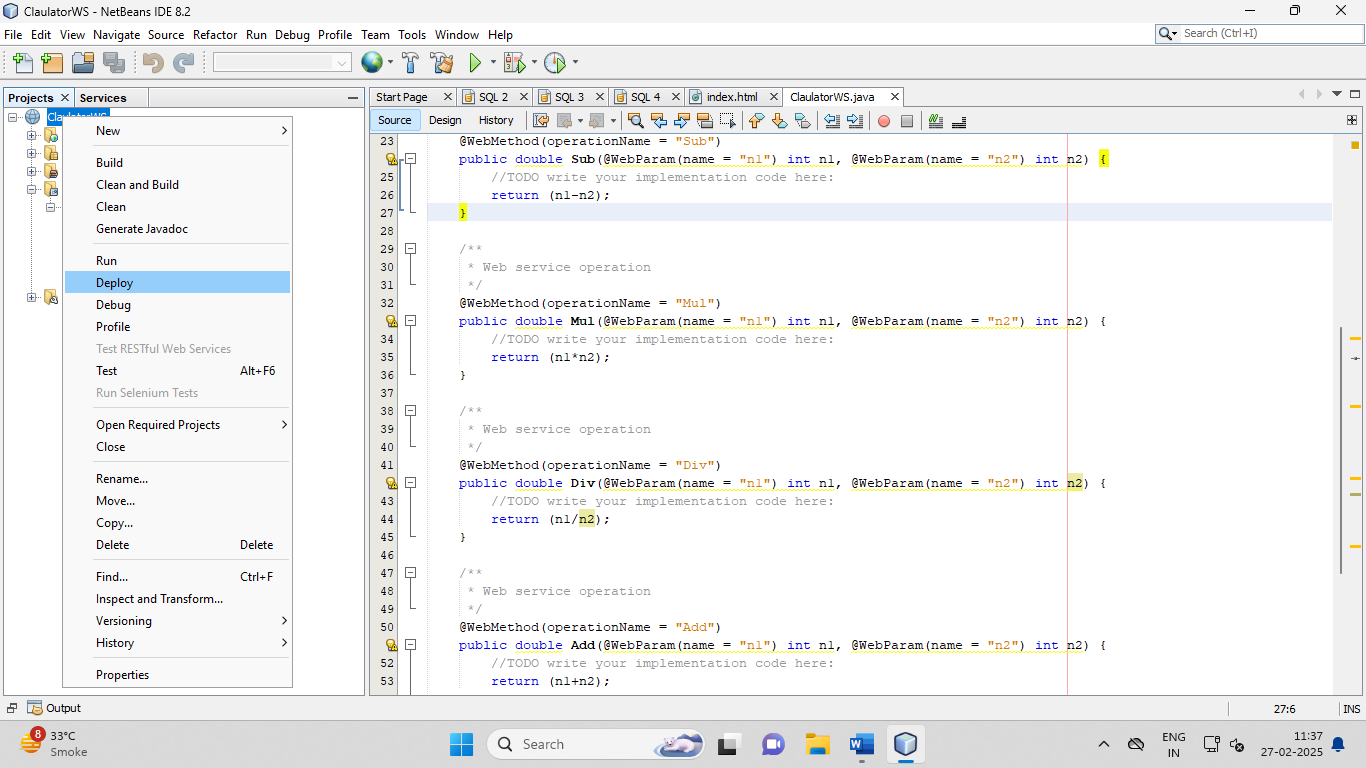
18) Select Project > right click on project > select clean and build option



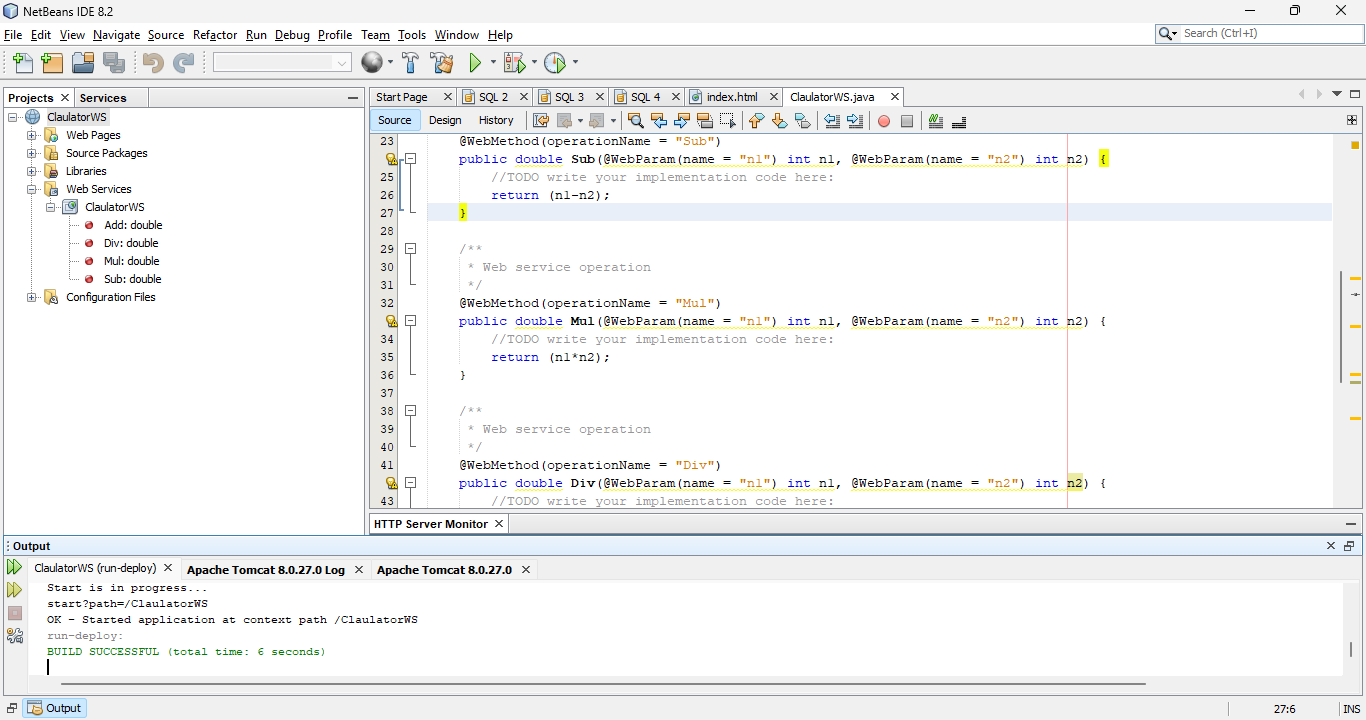
19) Output of clean and build option



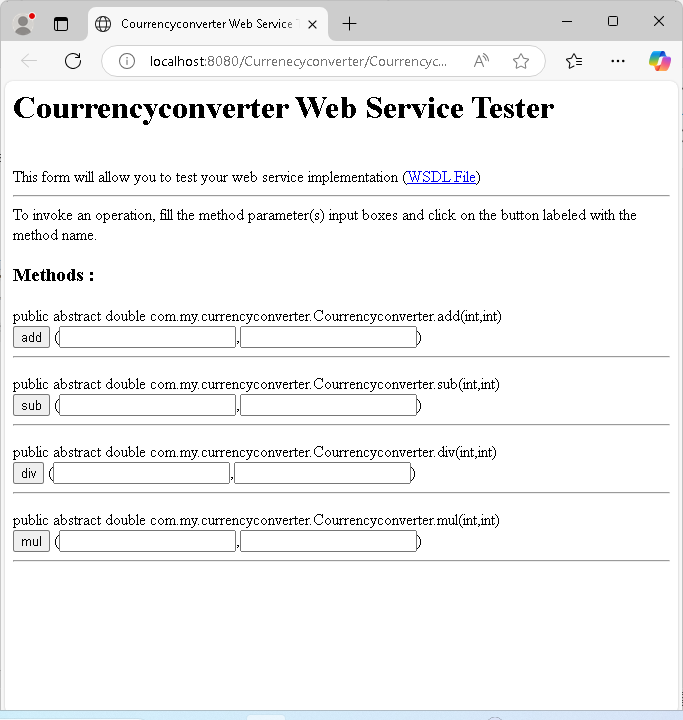
20) Select Project > right click on project > select deploy option

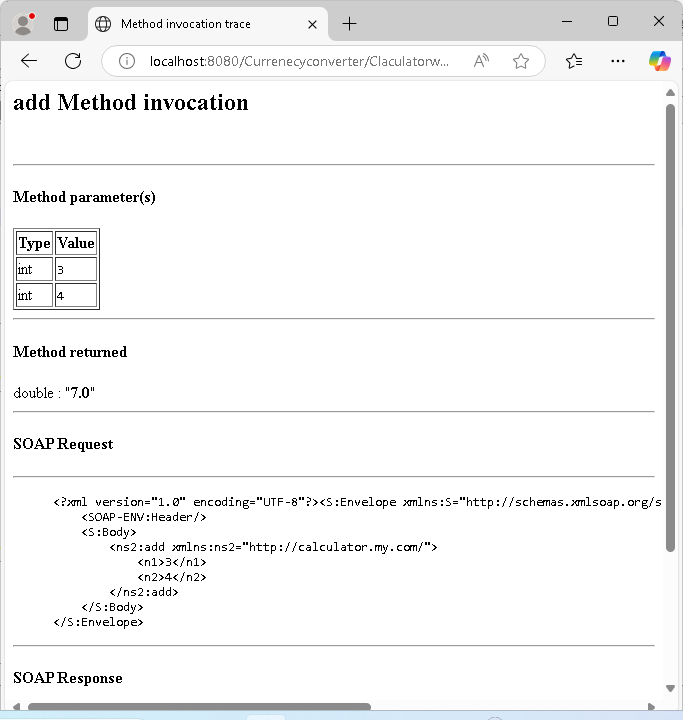


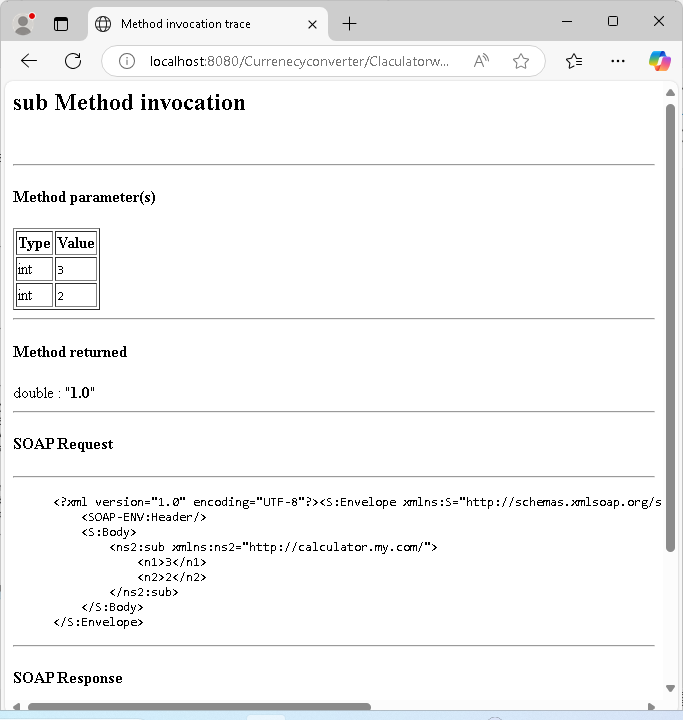
21) Select web service > right click on it > run the file

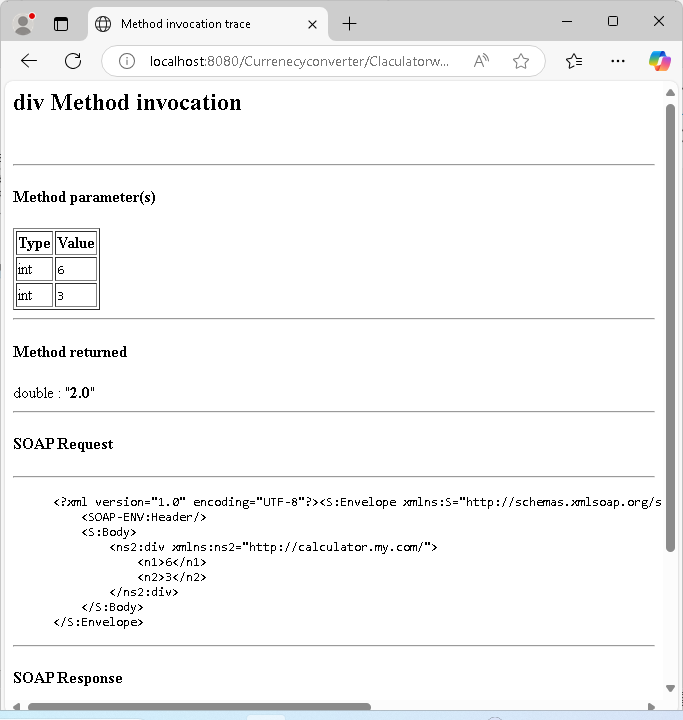


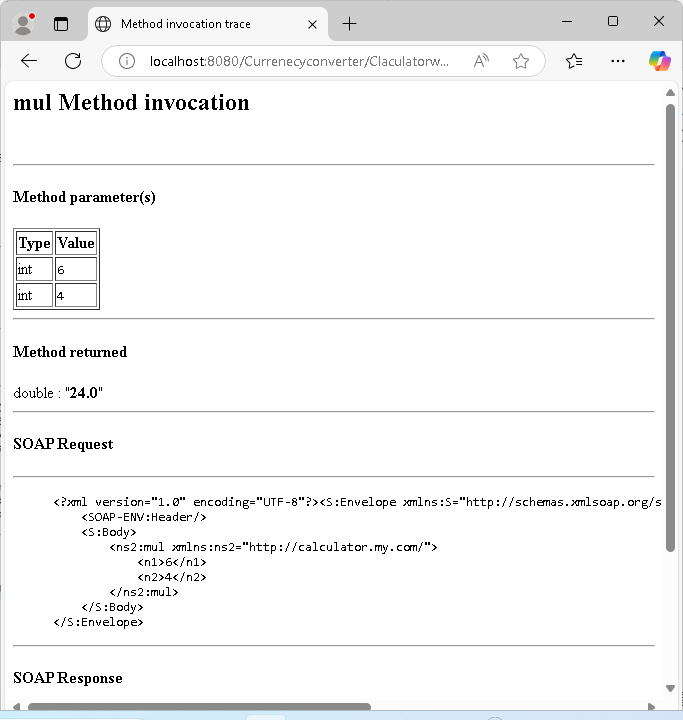
22) Output





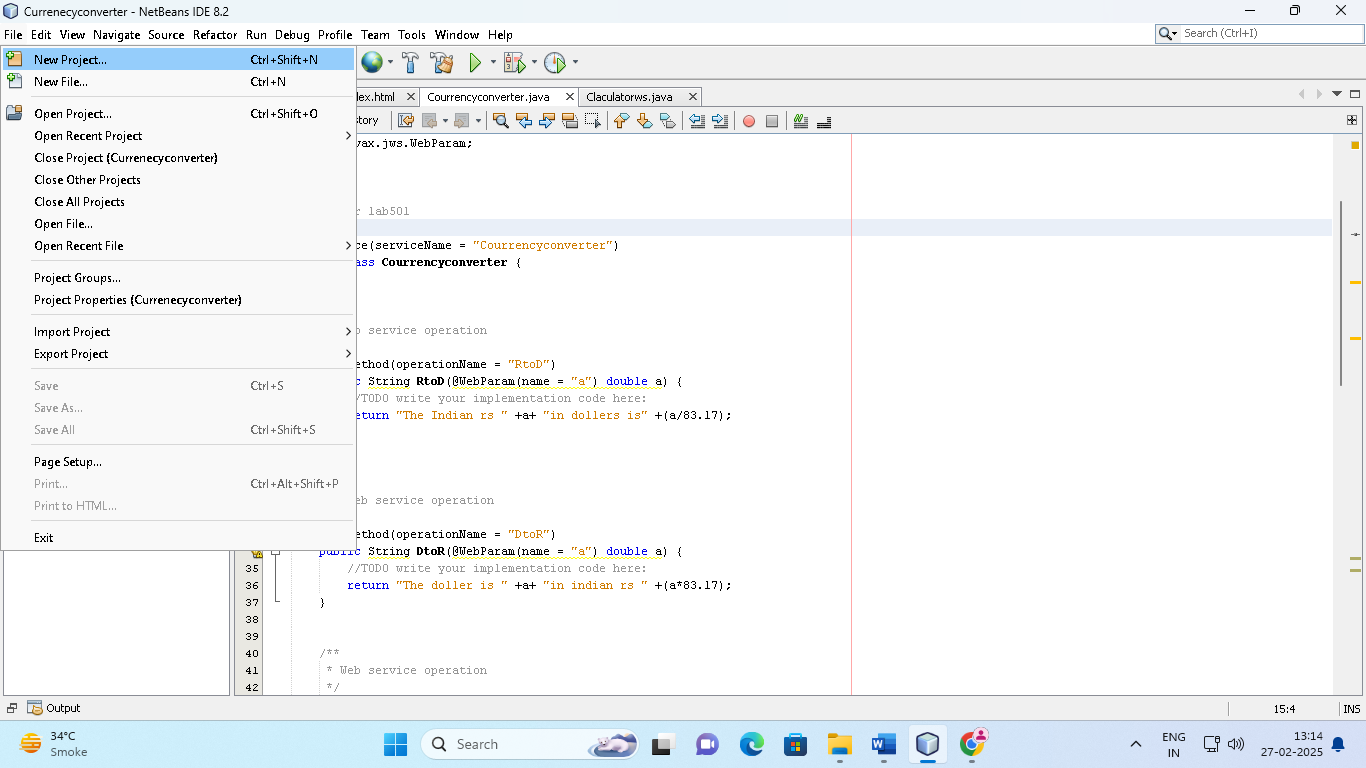




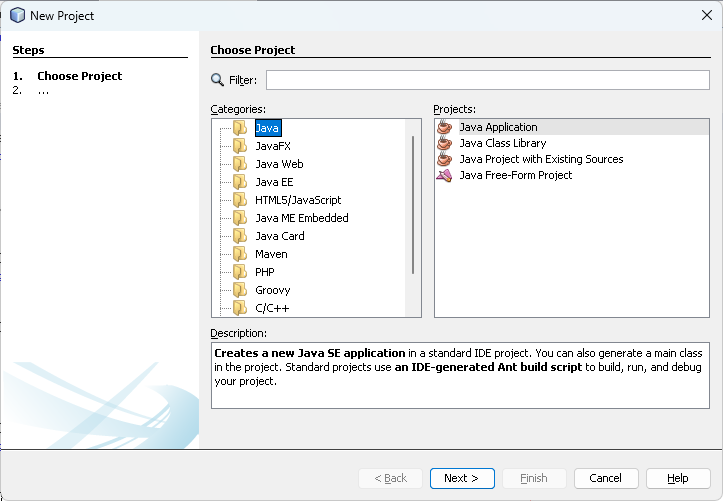


* **For Java Client :**
* **Step :**

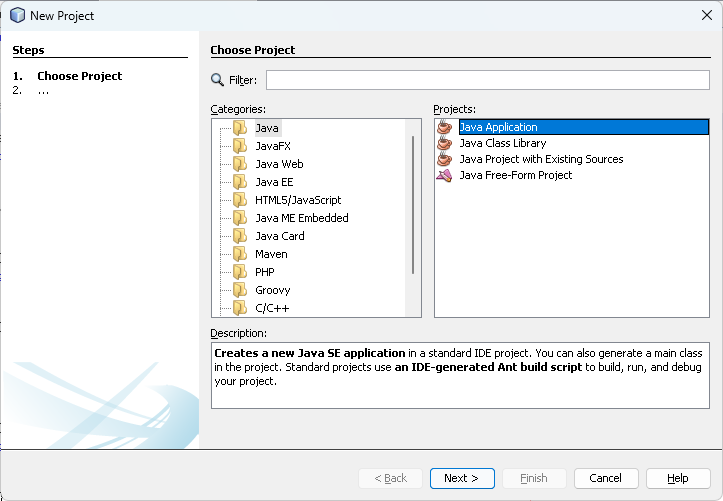
1. Click on file > select new project



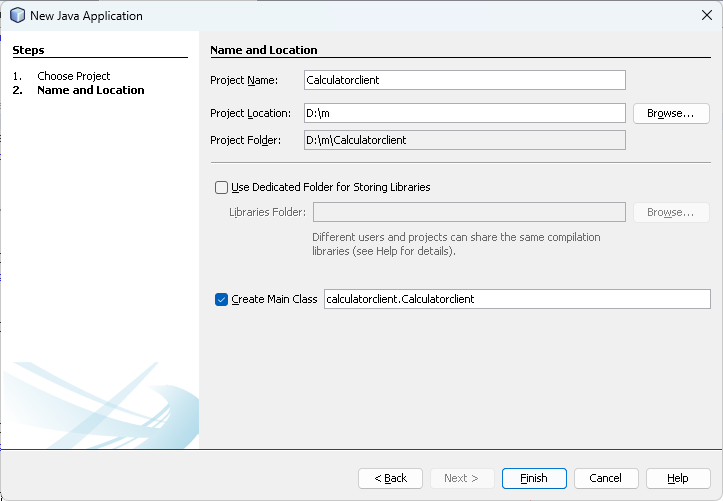
1. Select categories as java



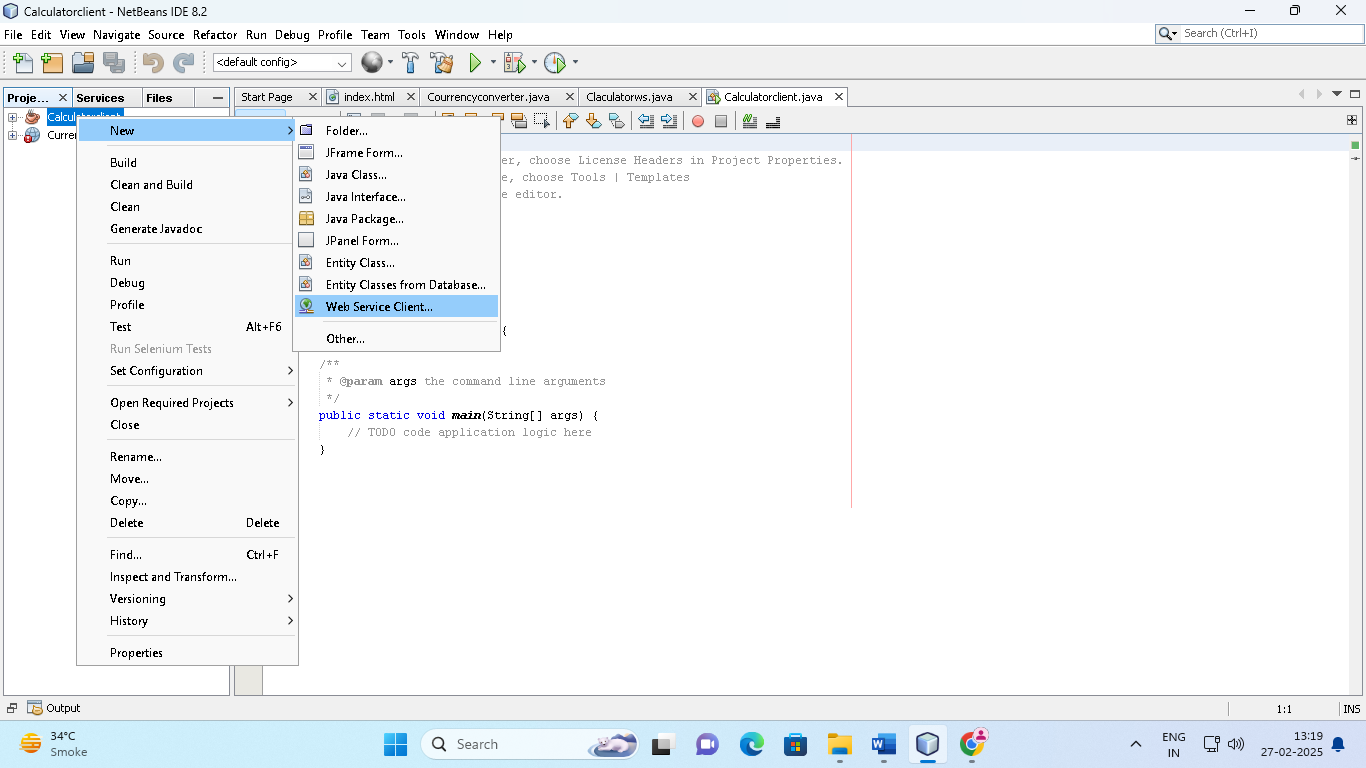
1. Project as java application > click on next



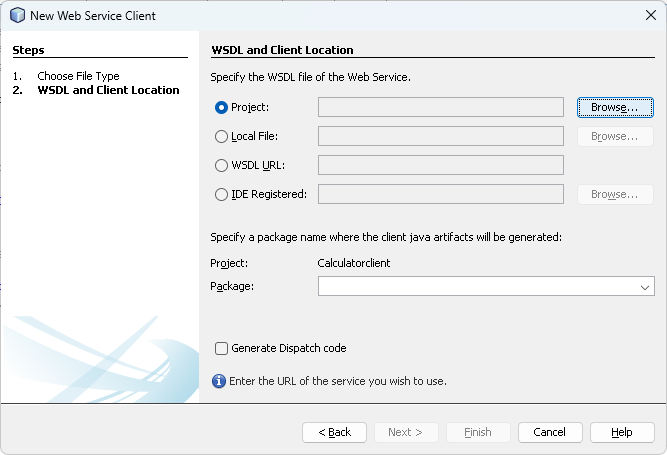
1. Give project name and set location > click on finish



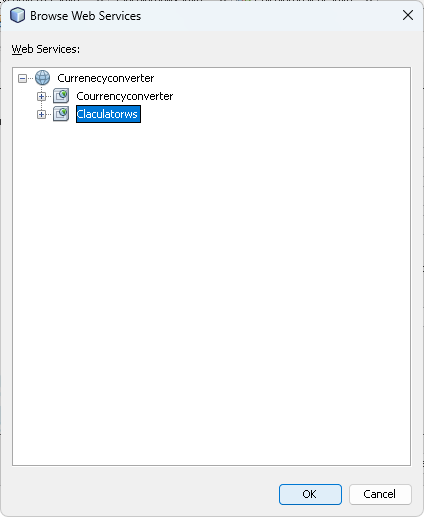
1. Right click on java project > click on new > select web service client



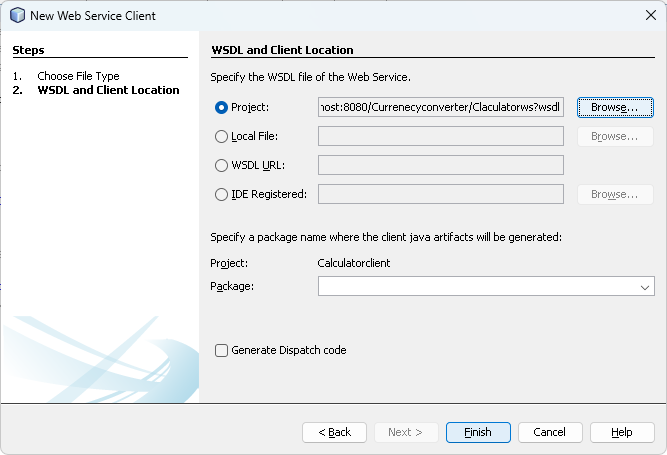
1. Click on browse and select project which is you created previously in java web services > click on next



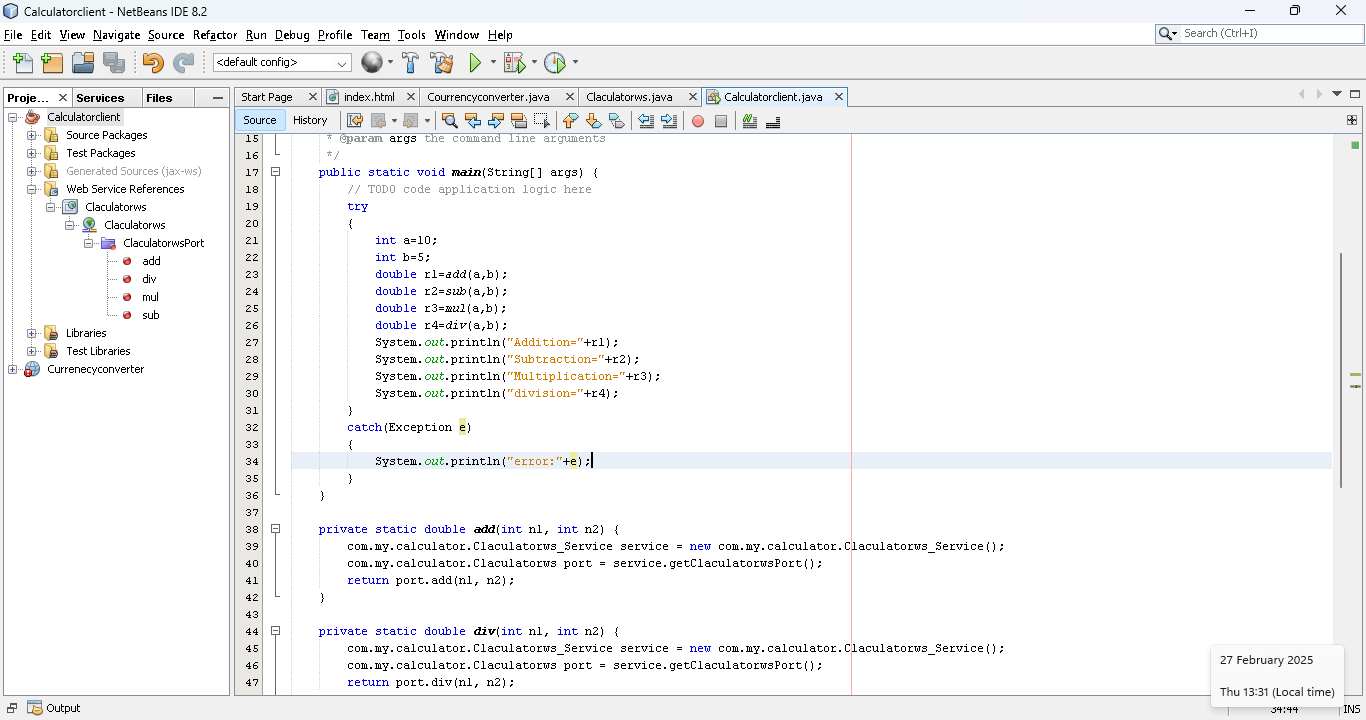
1. Select web service > click on ok



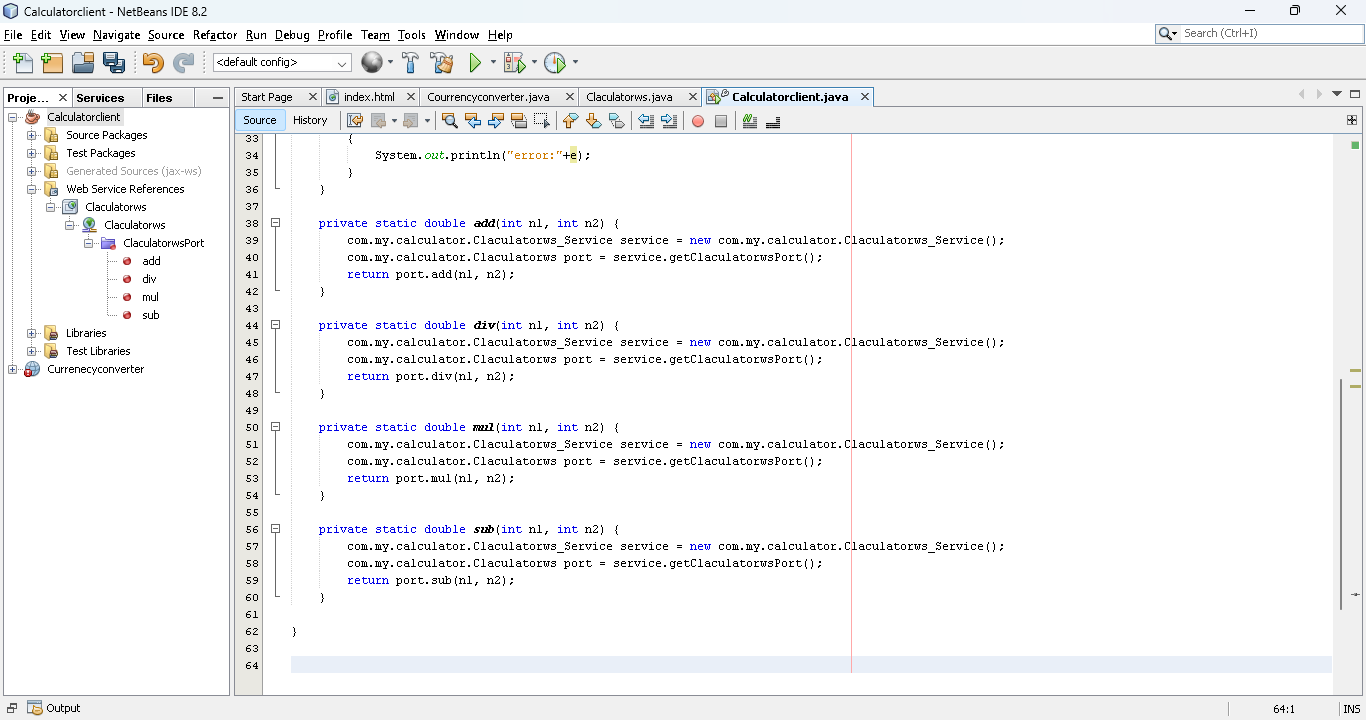
1. Click on finish



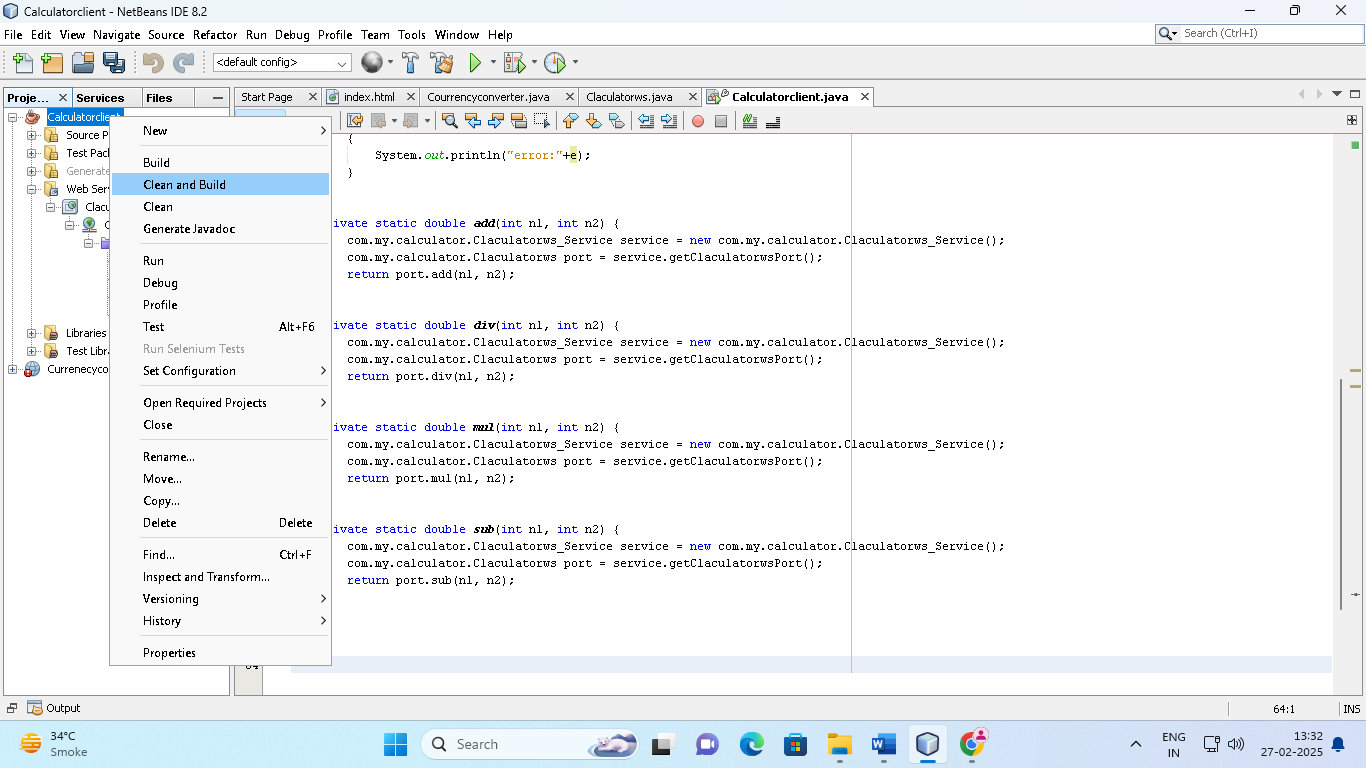
1. Select source tab



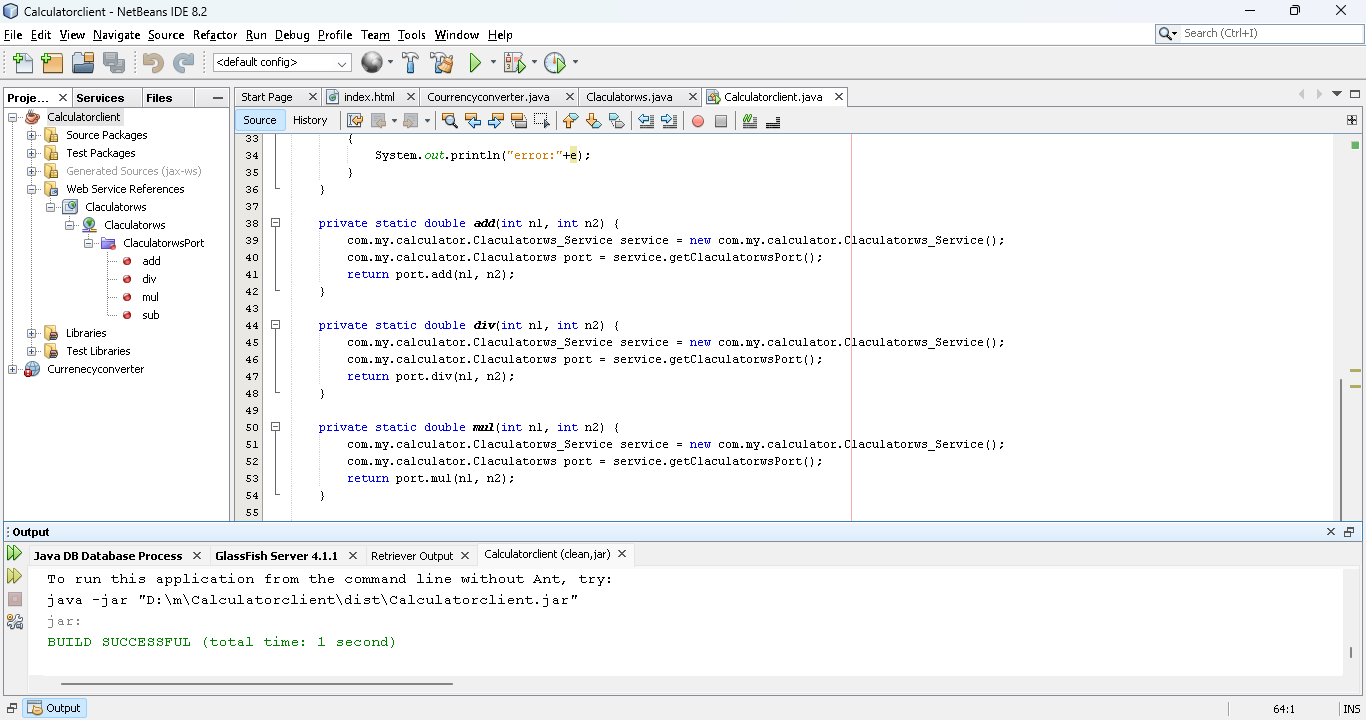
1. Select web service references > drag and drop all the reference method > write a code



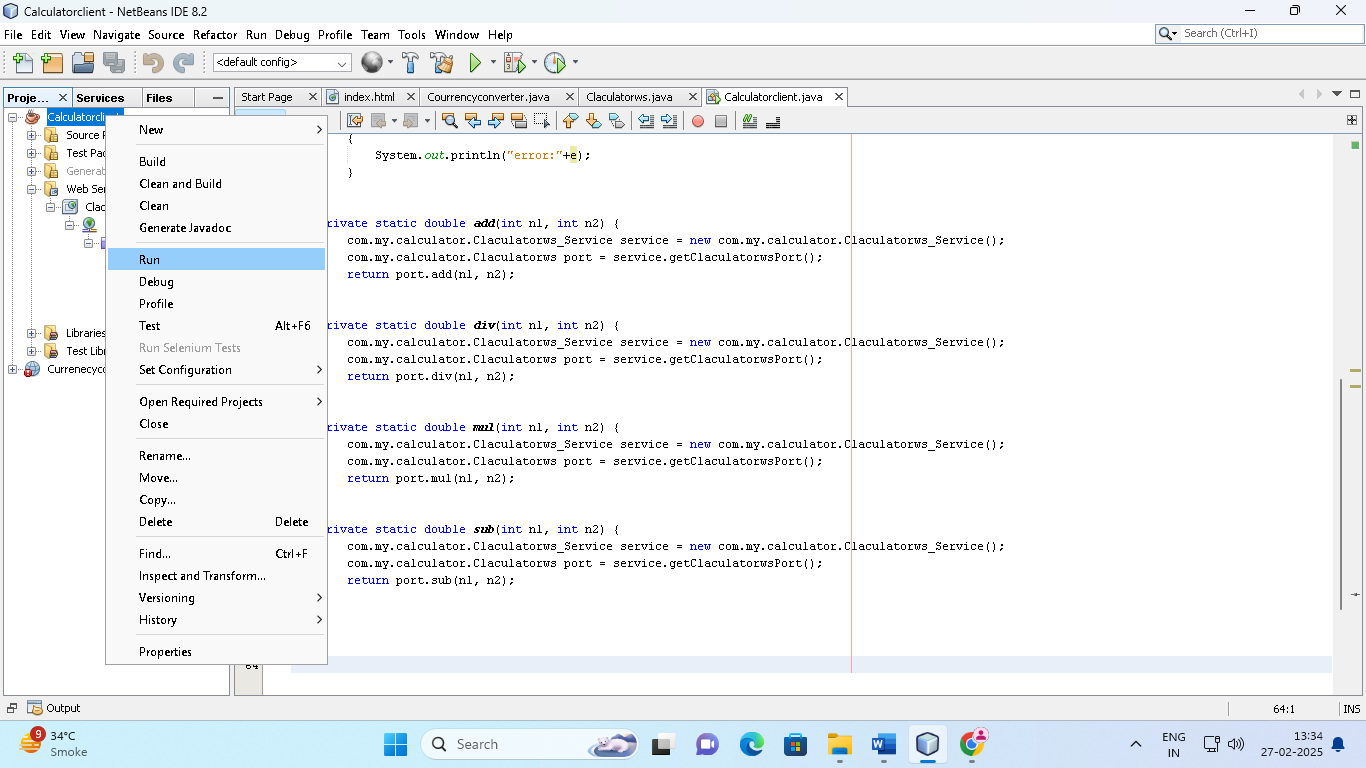
1. Now right click on java project > click on clean and build



1. Output of clean and build option



1. Now again right click on java project > click on run



1. Output :

