

## execute maven test from cmd

1. add "maven-surefire-plugin" to pom.xml file
2. add profiles. In profiles provide different profile tags. profile contains id tag.

profile tag contains <suiteXmlFile>. suiteXmlFile tag contains testng xml file.

➔ I faced error while executing maven test from cmd.

```
C:\Users\91766\workspace\FrameworkDesign\maven test
[INFO] Scanning for projects...
[WARNING]
[WARNING] Some problems were encountered while building the effective model for JavakittSelenium:FrameworkDesign:jar:0.0.1-SNAPSHOT
[WARNING] 'build.pluginManagement.plugins.plugin (groupId:artifactId)' must be unique but found duplicate declaration of plugin org.apache.maven.plugins:maven-surefire-plugin @ line 109, column 17
[WARNING]
[WARNING] It is highly recommended to fix these problems because they threaten the stability of your build.
[WARNING]
[WARNING] For this reason, future Maven versions might no longer support building such malformed projects.
[WARNING]
[INFO] -----< JavakittSelenium:FrameworkDesign >-----
[INFO] Building FrameworkDesign 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:3.0.2:resources (default-resources) @ FrameworkDesign ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory C:\Users\91766\workspace\FrameworkDesign\src\main\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.0:compile (default-compile) @ FrameworkDesign ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-resources-plugin:3.0.2:testResources (default-testResources) @ FrameworkDesign ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory C:\Users\91766\workspace\FrameworkDesign\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.0:testCompile (default-testCompile) @ FrameworkDesign ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 6 source files to C:\Users\91766\workspace\FrameworkDesign\target\test-classes
[INFO]
[INFO] ----- BUILD FAILURE -----
[INFO] -----
[INFO] Total time: 5.194 s
[INFO] Finished at: 2022-12-26T07:43:44+05:30
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:3.8.0:testCompile (default-testCompile) on project FrameworkDesign: Fatal error compiling: java.lang.IllegalAccessError: class lombok.javac.apt.LombokProcessor (in unnamed module @0xe09f1b6) cannot access class com.sun.tools.javac.processing.JavacProcessingEnvironment (in module jdk.compiler) because module jdk.compiler does not export com.sun.tools.javac.processing to unnamed module @0xe09f1b6 -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/Maven/NoJreExecutionException
```

➔ To resolve error change the compiler version.

1. Right click on project and select properties.
2. click on "java compiler".

➔ change java version:

1. Right click on project and select properties.
2. click on "java Build Path".
3. Double click on JRE System Library, It open list of java versions.
4. click on version which one you want.

Note:

1. D stands for maven parameters.