

Build and Release Management

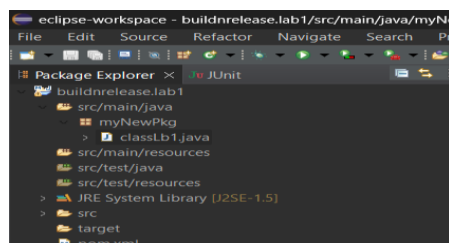
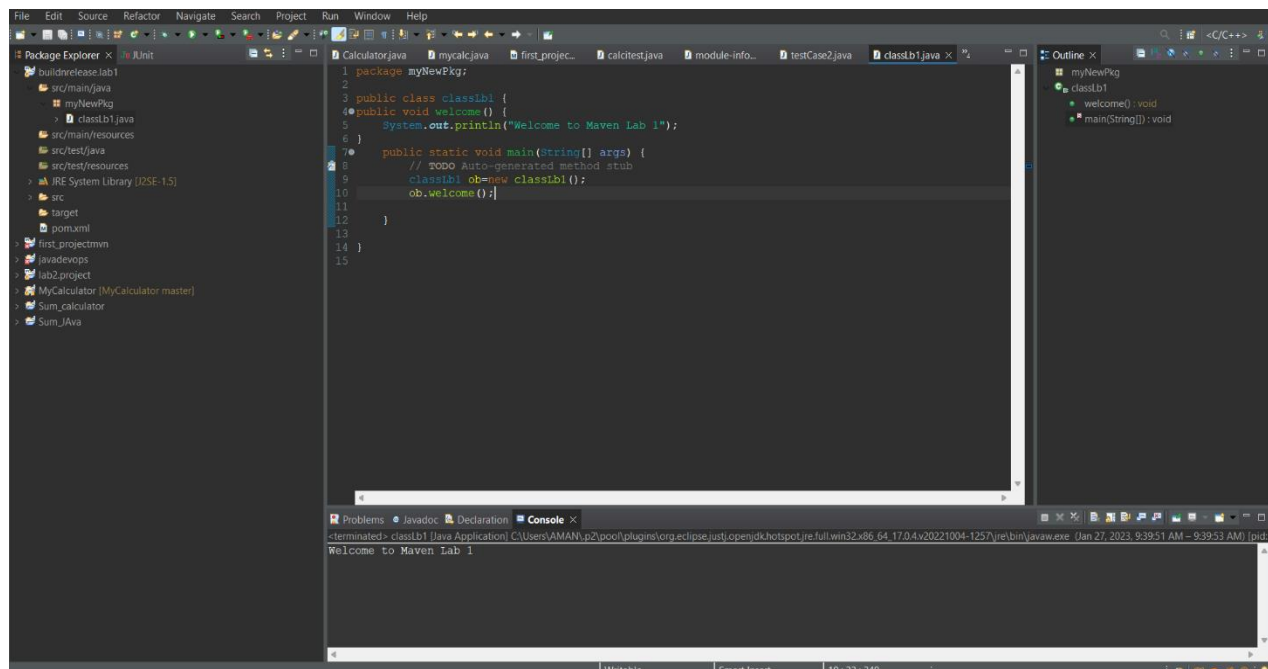
EXPERIMENT-1

Aman Gandhi

500091008

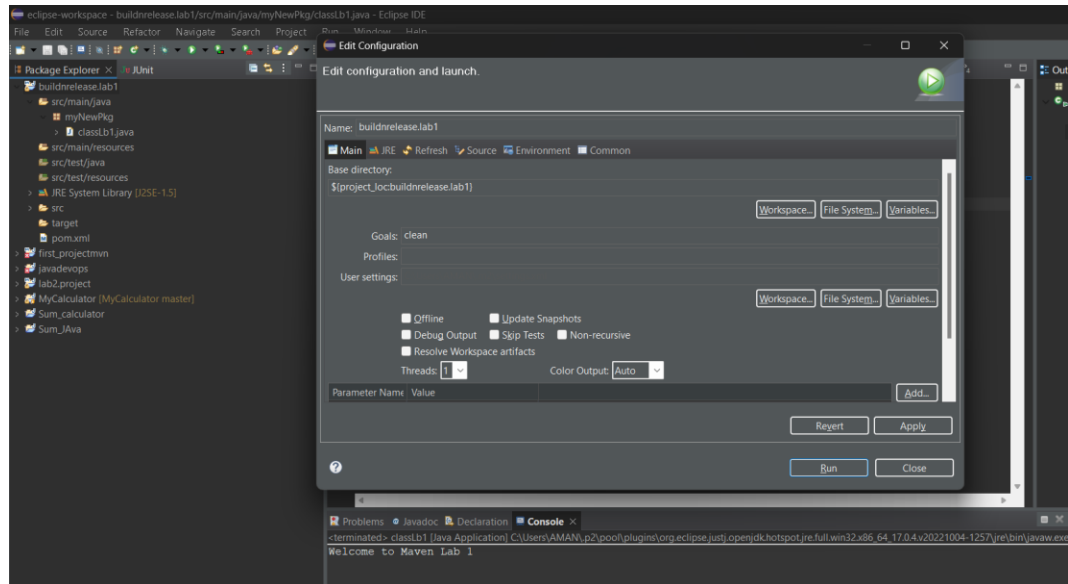
Aim:

1. Create a java project using maven.



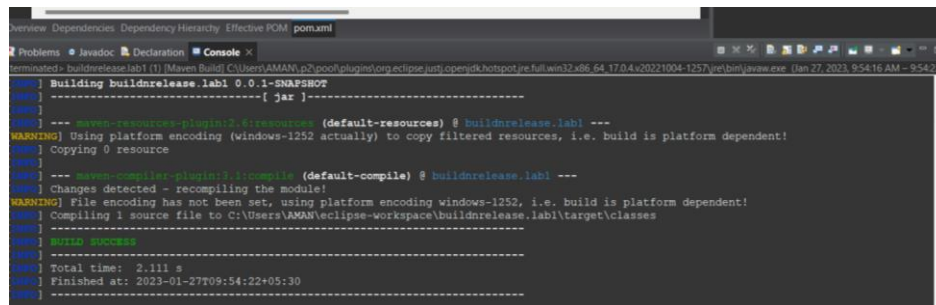
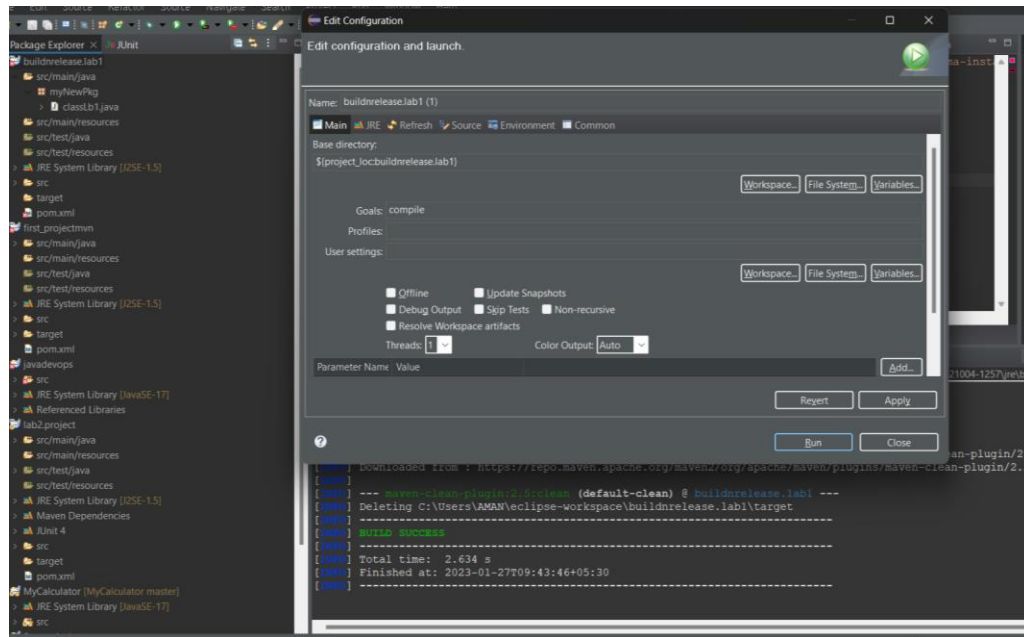
2. Run the following maven goals on this project

- Clean

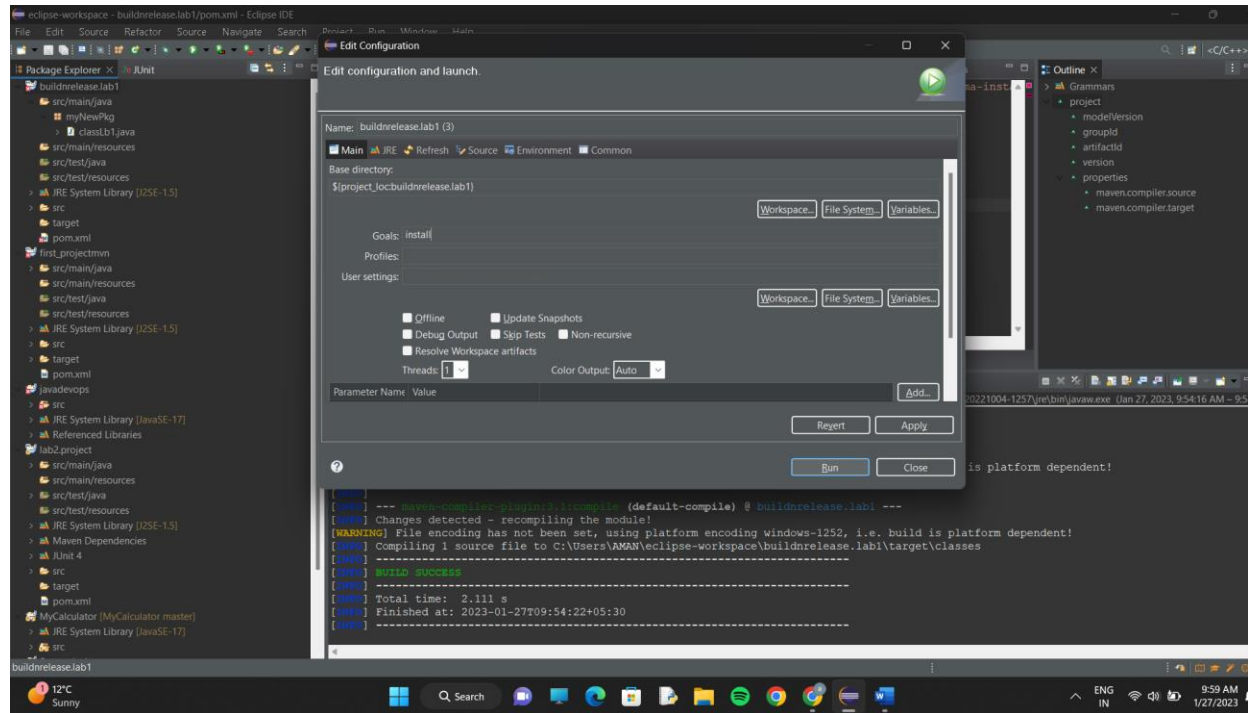


```
terminated> buildrelease.lab1 [Maven Build] C:\Users\AMAN\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4.v20221004-1257\jre\bin\javaw.exe [Jan 27, 2023, 9:43:47 AM]
INFO Scanning for projects...
INFO -----< upe, devops:buildrelease.lab1 >-----
INFO Building buildrelease.lab1 0.0.1-SNAPSHOT
INFO -----[ jar ]-----
INFO Downloading from : https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-clean-plugin/2.5/maven-clean-plugin-2.5.pom
INFO Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-clean-plugin/2.5/maven-clean-plugin-2.5.pom (3.9
INFO --- maven-clean-plugin:2.5:clean (default-clean) @ buildrelease.lab1 ---
INFO Deleting C:\Users\AMAN\eclipse-workspace\buildrelease.lab1\target
INFO BUILD SUCCESS
INFO -----
INFO Total time: 2.634 s
INFO Finished at: 2023-01-27T09:43:46+05:30
INFO -----
```

- Compile



- Install



```
[INFO] --- maven-compiler-plugin:3.11.0:compile (default-compile) @ buildrelease.lab1 ---
[INFO] Changes detected - recompiling the module!
[WARNING] File encoding has not been set, using platform encoding windows-1252, i.e. build is platform dependent!
[INFO] Compiling 1 source file to C:\Users\AMAN\eclipse-workspace\buildrelease.lab1\target\classes
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 2.111 s
[INFO] Finished at: 2023-01-27T09:54:22+05:30
[INFO] -----
[INFO] --- maven-compiler-plugin:3.11.0:testCompile (default-testCompile) @ buildrelease.lab1 ---
[INFO] Nothing to compile - all classes are up to date
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ buildrelease.lab1 ---
[INFO] --- maven-jar-plugin:3.1.1:jar (default-jar) @ buildrelease.lab1 ---
[INFO] Building jar: C:\Users\AMAN\eclipse-workspace\buildrelease.lab1\target\buildrelease.lab1-0.0.1-SNAPSHOT.jar
[INFO] --- maven-install-plugin:3.0.0:install (default-install) @ buildrelease.lab1 ---
[INFO] Installing C:\Users\AMAN\eclipse-workspace\buildrelease.lab1\target\buildrelease.lab1-0.0.1-SNAPSHOT.jar to C:\Users\AMAN\.m2\repository\upes\devops\buildrelease.lab1\0
[INFO] Installing C:\Users\AMAN\eclipse-workspace\buildrelease.lab1\pom.xml to C:\Users\AMAN\.m2\repository\upes\devops\buildrelease.lab1\0
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 2.928 s
[INFO] Finished at: 2023-01-27T09:59:15+05:30
[INFO] -----
```

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\AMAN\eclipse-workspace\buildnrelease.lab1\target> java -jar .\buildnrelease.lab1-0.0.1-SNAPSHOT.jar
Welcome to Maven Lab 1
PS C:\Users\AMAN\eclipse-workspace\buildnrelease.lab1\target>
```