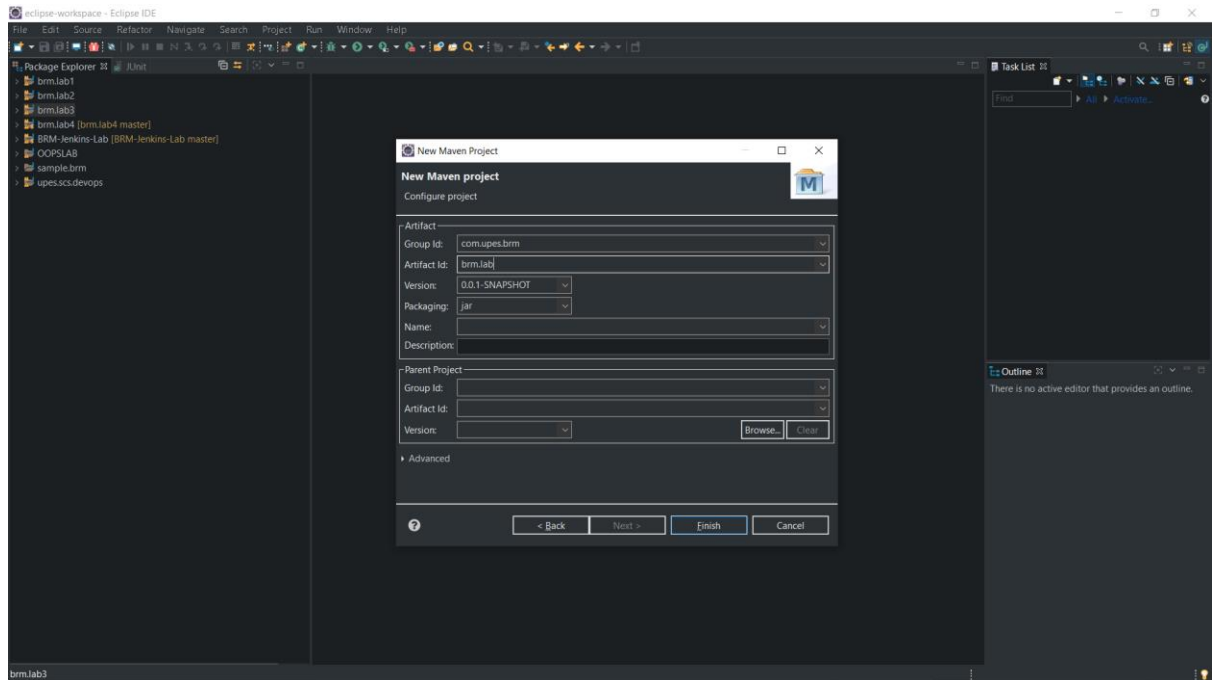
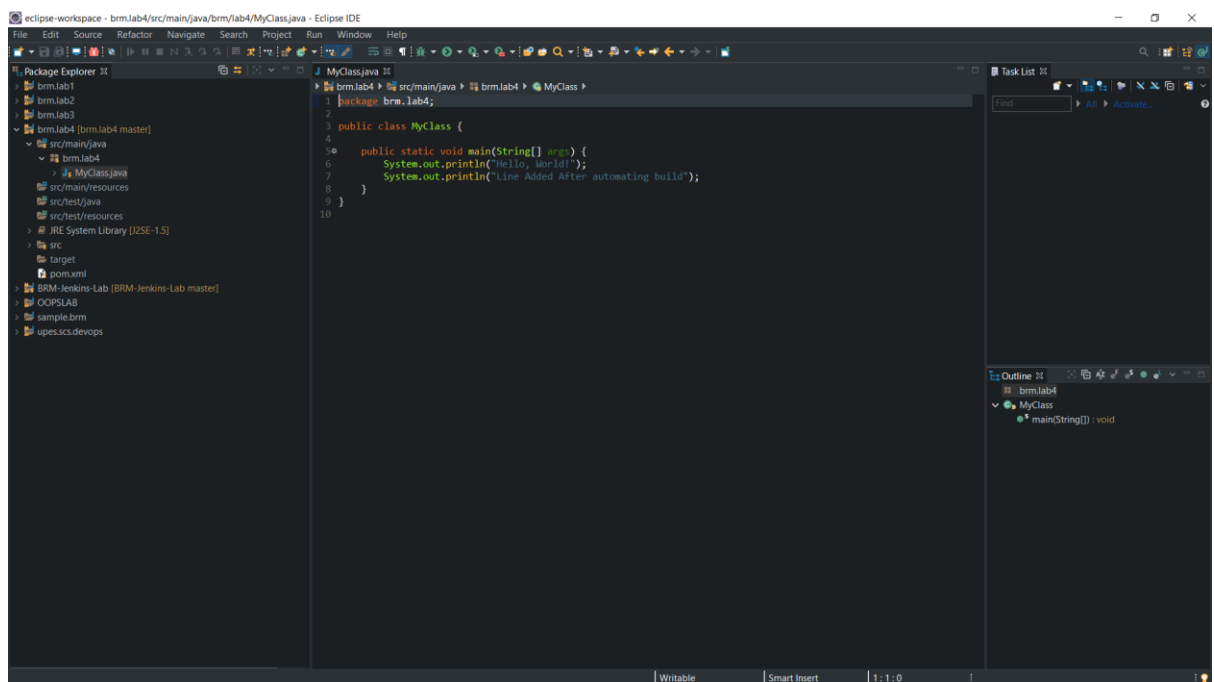


## BRM LAB-4

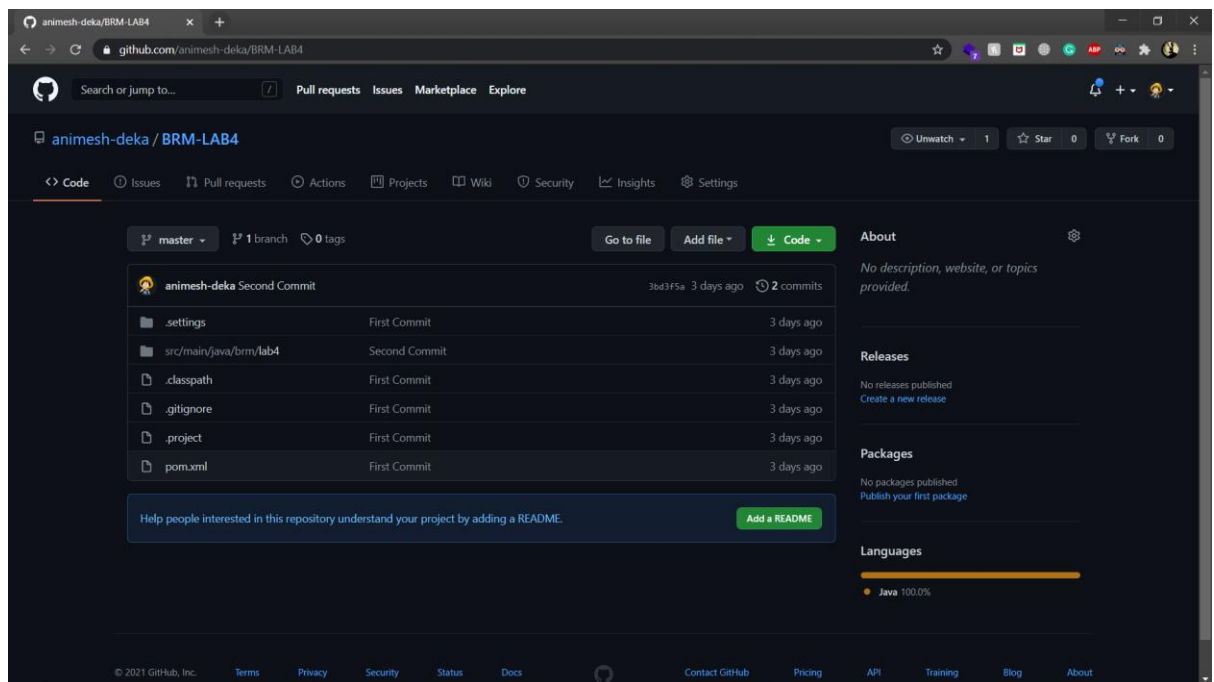
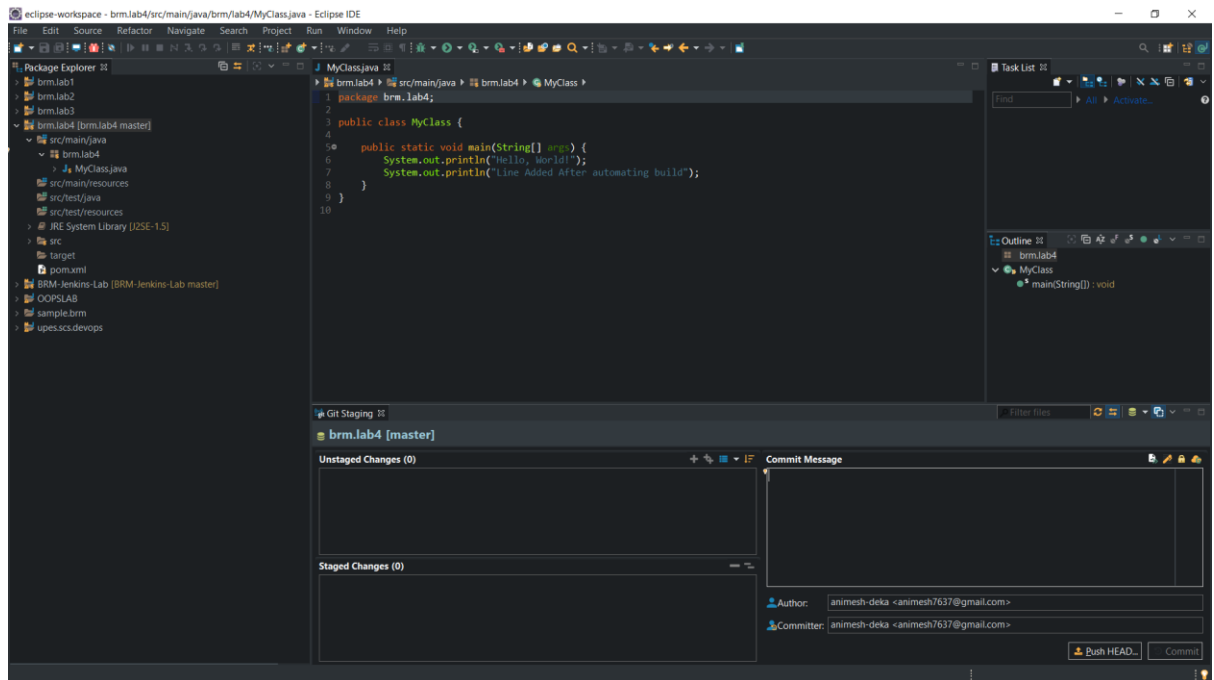
- Create a simple maven project



- Create a class in the maven project



- Commit and push the code on GitHub



- Open Jenkins and run Clean goal

```

[INFO] Compiling 1 source file to C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BEM_LAB4\target\classes
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ brm.lab4 ---
[INFO] [WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BEM_LAB4\src\test\resources
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ brm.lab4 ---
[INFO] No sources to compile
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ brm.lab4 ---
[INFO] No tests to run.
[INFO] Recording test results
[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ brm.lab4 ---
[INFO] Building jar: C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BEM_LAB4\target\brm.lab4-0.0.1-SNAPSHOT.jar
[INFO] --- maven-install-plugin:2.4:install (default-install) @ brm.lab4 ---
[INFO] Installing C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BEM_LAB4\target\brm.lab4-0.0.1-SNAPSHOT.jar to
C:\WINDOWS\system32\config\systemprofile\m2\repository\com\upes\brm\brm.lab4\0.0.1-SNAPSHOT\brm.lab4-0.0.1-SNAPSHOT.jar
[INFO] Installing C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BEM_LAB4\pom.xml to
C:\WINDOWS\system32\config\systemprofile\m2\repository\com\upes\brm\brm.lab4\0.0.1-SNAPSHOT\brm.lab4-0.0.1-SNAPSHOT.pom
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 4.324 s
[INFO] Finished at: 2021-02-11T10:38:03+05:30
[INFO] -----
Waiting for Jenkins to finish collecting data
[JENKINS] Archiving C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BEM_LAB4\pom.xml to com.upes.brm\brm.lab4\0.0.1-SNAPSHOT\brm.lab4-0.0.1-SNAPSHOT.pom
[JENKINS] Archiving C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BEM_LAB4\target\brm.lab4-0.0.1-SNAPSHOT.jar to
com.upes.brm\brm.lab4\0.0.1-SNAPSHOT\brm.lab4-0.0.1-SNAPSHOT.jar
channel stopped
Finished: SUCCESS
  
```

- Automate the build process through the configure option and push changes to GitHub to ensure

BRM\_LAB4 Config [Jenkins]

localhost:8080/job/BRM\_LAB4/configure

Dashboard > BRM\_LAB4 > #1

General Source Code Management **Build Triggers** Build Environment Pre Steps Build Post Steps Build Settings

Post-build Actions

(Auto)

Additional Behaviours

Add +

Build Triggers

☒ Build whenever a SNAPSHOT dependency is built

☐ Schedule build when some upstream has no successful builds

☐ Trigger builds remotely (e.g., from scripts)

☐ Build after other projects are built

☐ Build periodically

☐ GitHub hook trigger for GITScm polling

☒ Poll SCM

Schedule

H \* \* \* \* \*

⚠ Do you really mean "every minute" when you say "H \* \* \* \*"? Perhaps you meant "H \* \* \* \*" to poll once per hour

Would last have run at Sunday, February 14, 2021 3:37:46 AM IST; would next run at Sunday, February 14, 2021 3:37:46 AM IST.

☐ Ignore post-commit hooks

Build Environment

Save Apply

BRM\_LAB4 #2 Console [Jenkins] x +

localhost:8080/job/BRM\_LAB4/2/console

Dashboard > BRM\_LAB4 > #2

```
[INFO] Compiling 1 source file to C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BRM_LAB4\target\classes
[INFO]
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ brm.lab4 ---
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BRM_LAB4\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ brm.lab4 ---
[INFO] No sources to compile
[INFO]
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ brm.lab4 ---
[INFO] No tests to run.
[JENKINS] Recording test results
[INFO]
[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ brm.lab4 ---
[INFO] Building jar: C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BRM_LAB4\target\brm.lab4-0.0.1-SNAPSHOT.jar
[INFO]
[INFO] --- maven-install-plugin:2.4:install (default-install) @ brm.lab4 ---
[INFO] Installing C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BRM_LAB4\target\brm.lab4-0.0.1-SNAPSHOT.jar to
C:\WINDOWS\system32\config\systemprofile\m2\repository\com\upes\brm\brm.lab4\0.0.1-SNAPSHOT\brm.lab4-0.0.1-SNAPSHOT.jar
[INFO] Installing C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BRM_LAB4\pom.xml to
C:\WINDOWS\system32\config\systemprofile\m2\repository\com\upes\brm\brm.lab4\0.0.1-SNAPSHOT\brm.lab4-0.0.1-SNAPSHOT.pom
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 2.037 s
[INFO] Finished at: 2021-02-11T10:43:04+05:30
[INFO] -----
Waiting for Jenkins to finish collecting data
[JENKINS] Archiving C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BRM_LAB4\pom.xml to com.upes.brw/brm.lab4/0.0.1-
SNAPSHOT/brm.lab4-0.0.1-SNAPSHOT.pom
[JENKINS] Archiving C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BRM_LAB4\target\brm.lab4-0.0.1-SNAPSHOT.jar to
com.upes.brw/brm.lab4/0.0.1-SNAPSHOT/brm.lab4-0.0.1-SNAPSHOT.jar
channel stopped
Finished: SUCCESS
```

REST API Jenkins 2.277

BRM\_LAB4 #2 [Jenkins] x +

localhost:8080/job/BRM\_LAB4/2/

Jenkins

search ?

🔔 1 🧑 Animesh Deka 📄 log out

Dashboard > BRM\_LAB4 > #2

🏠 Back to Project

🔍 Status

📄 Changes

🖨 Console Output

📄 Edit Build Information

🚫 Delete build '#2'

📄 Polling Log

🔍 Git Build Data

🏠 Redeploy Artifacts

🖨 See Fingerprints

🏠 Previous Build

## Build #2 (Feb 11, 2021 10:42:56 AM)

Keep this build forever

📄 add description Started 2 days 16 hr ago Took 9.2 sec

📄 Changes

1. Second Commit (details / githubweb)

🔍 Started by an SCM change

🔍 Revision: 3bd3f5ad46e399f2fbd930e200a79dfd0bb83

• refs/remotes/origin/master

### Module Builds

🔍 brm.lab4 1.7 sec

REST API Jenkins 2.277