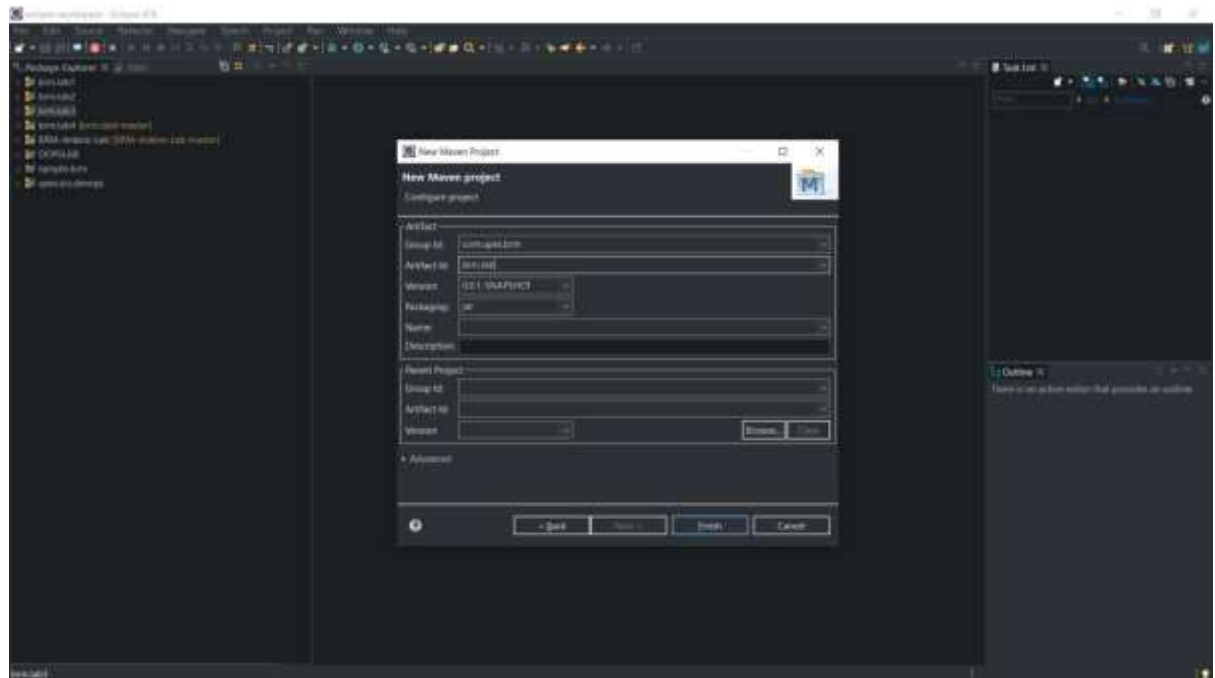
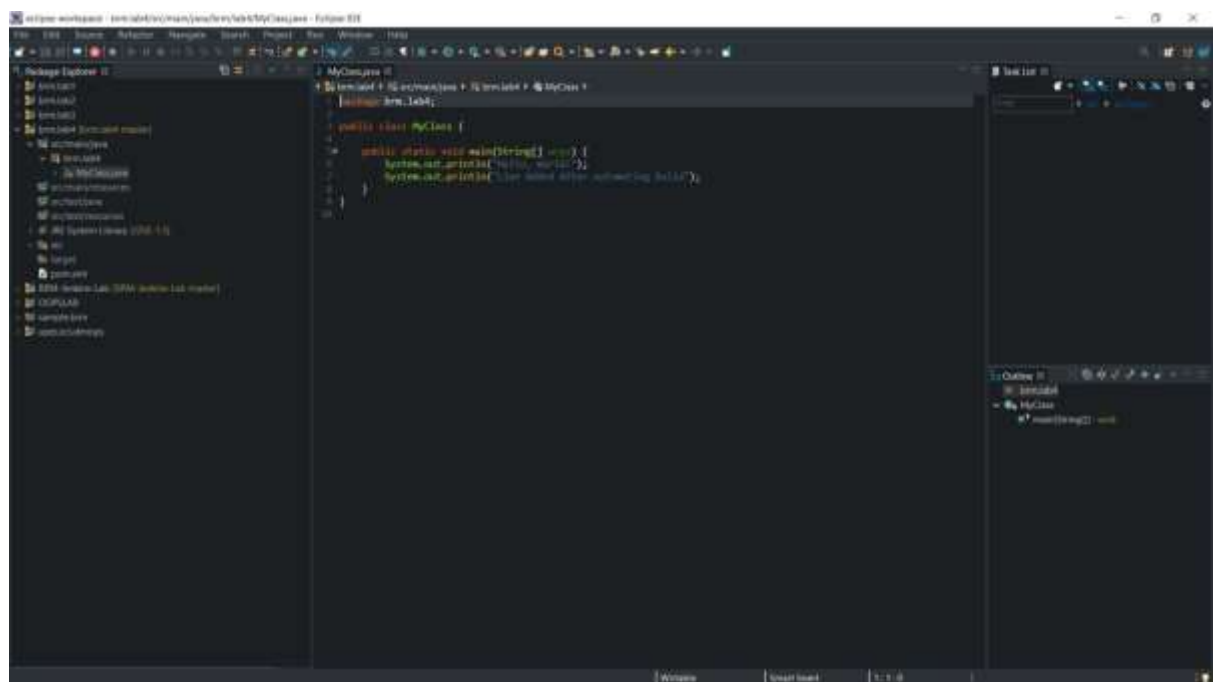


BRM LAB-4

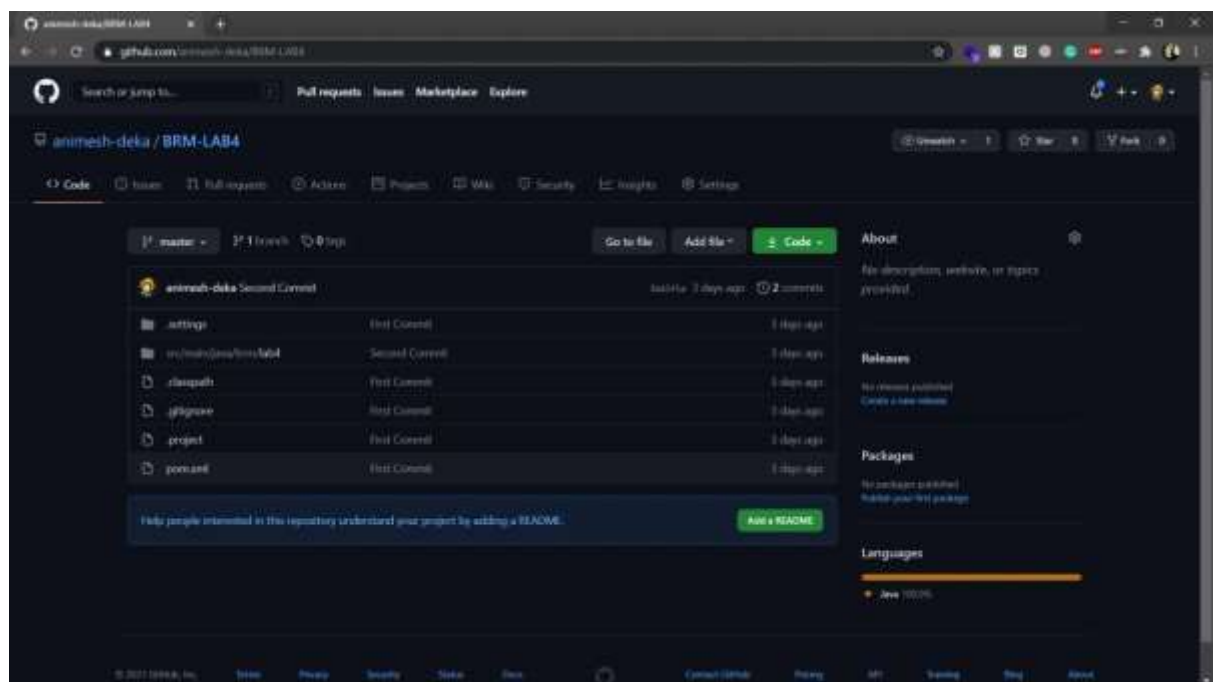
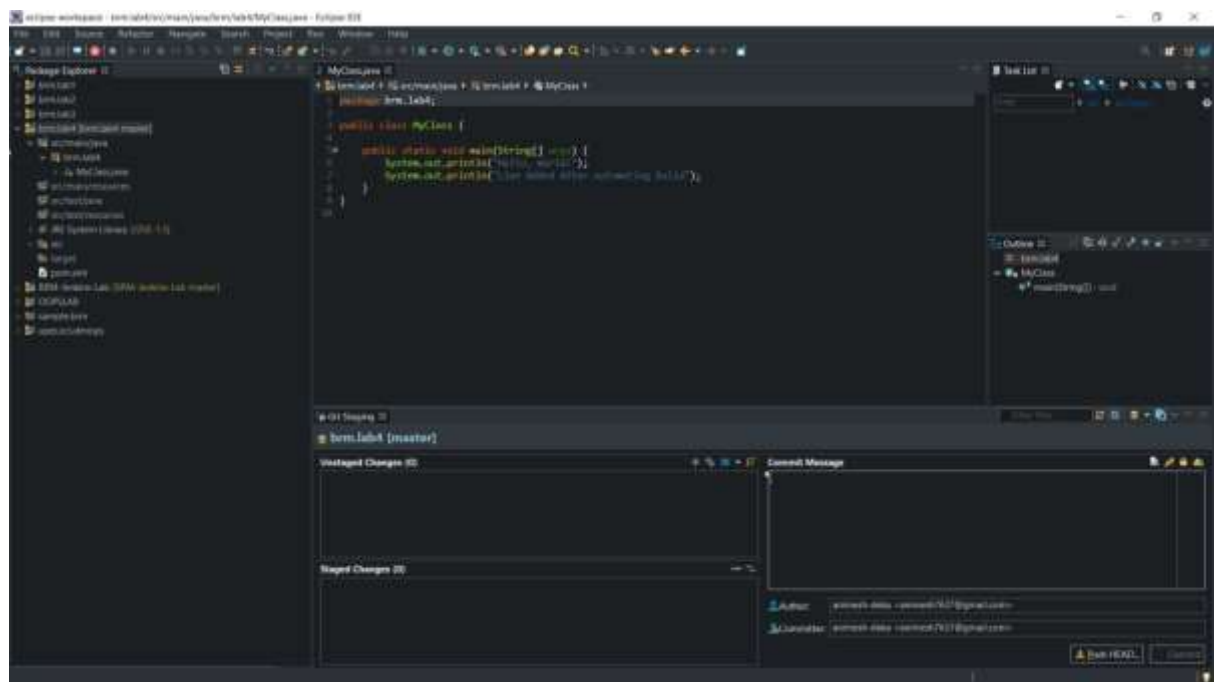
Create a simple maven project



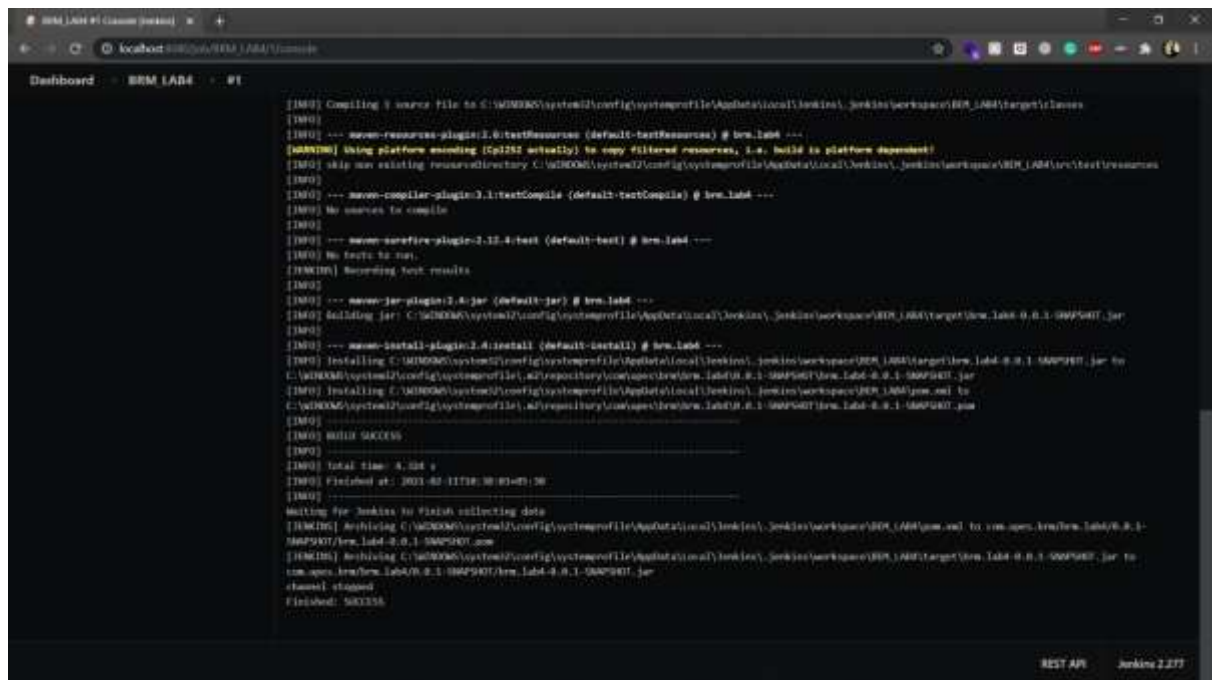
Create a class in the maven project



Commit and push the code on GitHub

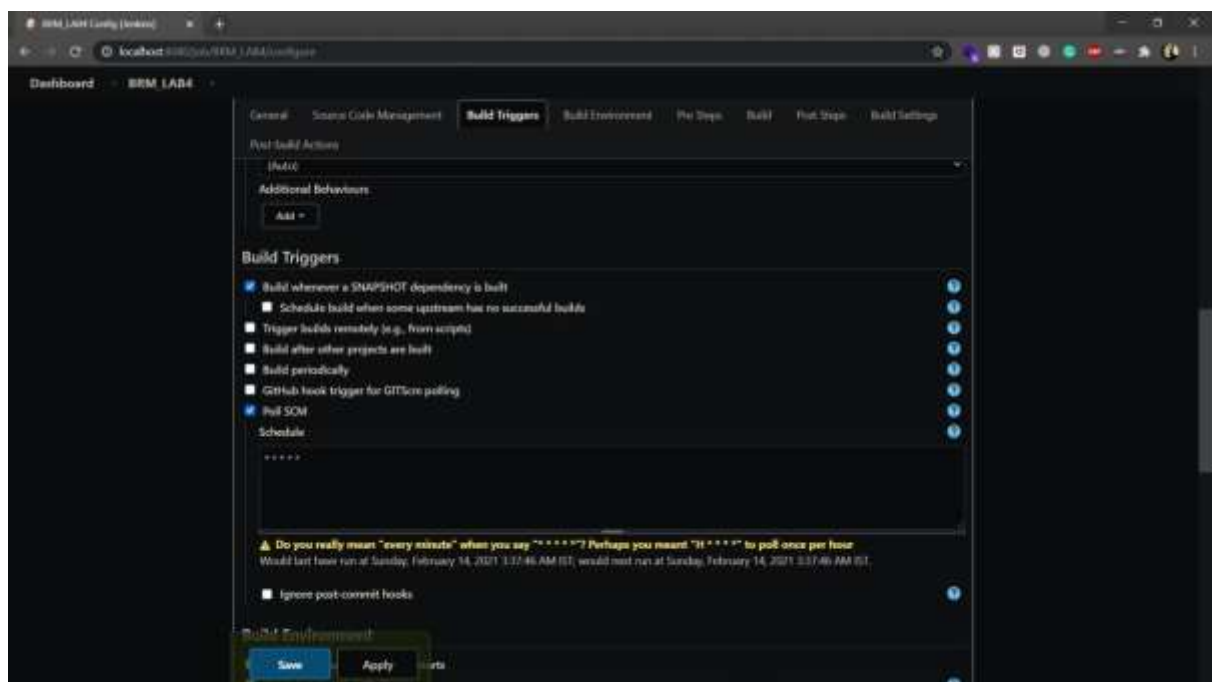


Open Jenkins and run Clean goal



```
[INFO] Compiling 3 source file to C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BRM_LAB4\target\classes
[INFO]
[INFO] --- maven-resources-plugin:3.0.2: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.
[INFO] Recording test results
[INFO]
[INFO] --- maven-jar-plugin:3.0.2: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:3.0.1: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\repository\com\apex\brm\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\repository\com\apex\brm\brm.lab4-0.0.1-SNAPSHOT.pom
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 8.28 s
[INFO] Finished at: 2021-02-11T14:30:03+01:00
[INFO]
[INFO] ---
Waiting for Jenkins to finish collecting data
[INFO] Archiving C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BRM_LAB4\pom.xml to com.apex.brm.lab4\0.0.1-SNAPSHOT.pom
[INFO] Archiving C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BRM_LAB4\target\brm.lab4-0.0.1-SNAPSHOT.jar to
com.apex.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 pushchanges to GitHub to ensure



```
Dashboard - BRM LAB4 - #2

[INFO] Compiling 3 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.
[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\localrepository\brm-lab4\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\localrepository\brm-lab4\brm-lab4-0.0.1-SNAPSHOT\brm-lab4-0.0.1-SNAPSHOT.pom
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 2.002 s
[INFO] Finished at: 2021-02-11T10:43:04-05:30
[INFO]
Waiting for Jenkins to finish collecting data
[INFO] Archiving C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BRM_LAB4\pom.xml to sona-specs.brmlab4-0.0.1-
SNAPSHOT\brm-lab4-0.0.1-SNAPSHOT.pom
[INFO] Archiving C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BRM_LAB4\target\brm-lab4-0.0.1-SNAPSHOT.jar to
sona-specs.brmlab4-0.0.1-SNAPSHOT\brm-lab4-0.0.1-SNAPSHOT.jar
channel stopped
Finished: SUCCESS

REST API Jenkins 2.277
```

BRM LAB4 (jenkins)

localhost:8080/job/BRM_LAB4/

Jenkins

search

Animesh Deka

log out

Dashboard - BRM LAB4 - #2

Back to Project

Status

Changes

Console Output

Edit Build Information

Delete build #2

Fulling Log

Get Build Data

Redeploy Artifacts

See Fingerprints

Previous Build

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

Keep this build forever

Changes

1 Second Commit (details / githubweb)

Started by an SCM change

Revision: 3dc16a49c3990fcdcd030a7dd430a03

ref:remotes/origin/master

Module Builds

brm-lab4 1.7 sec

REST API Jenkins 2.277