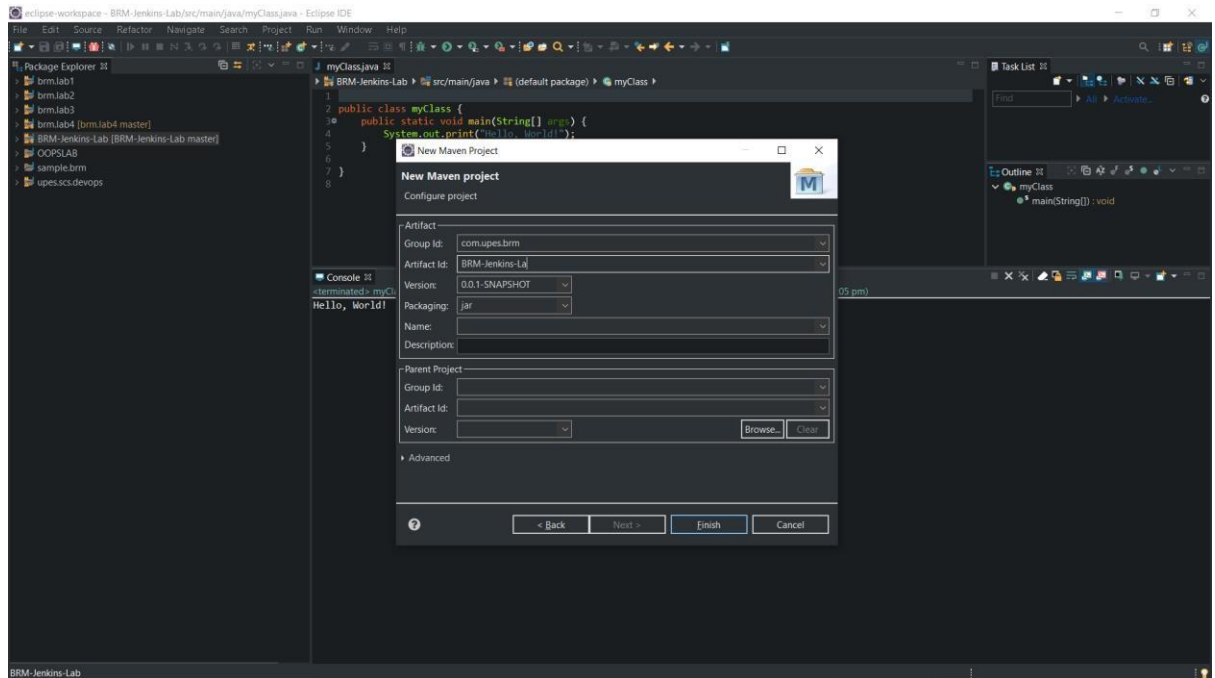
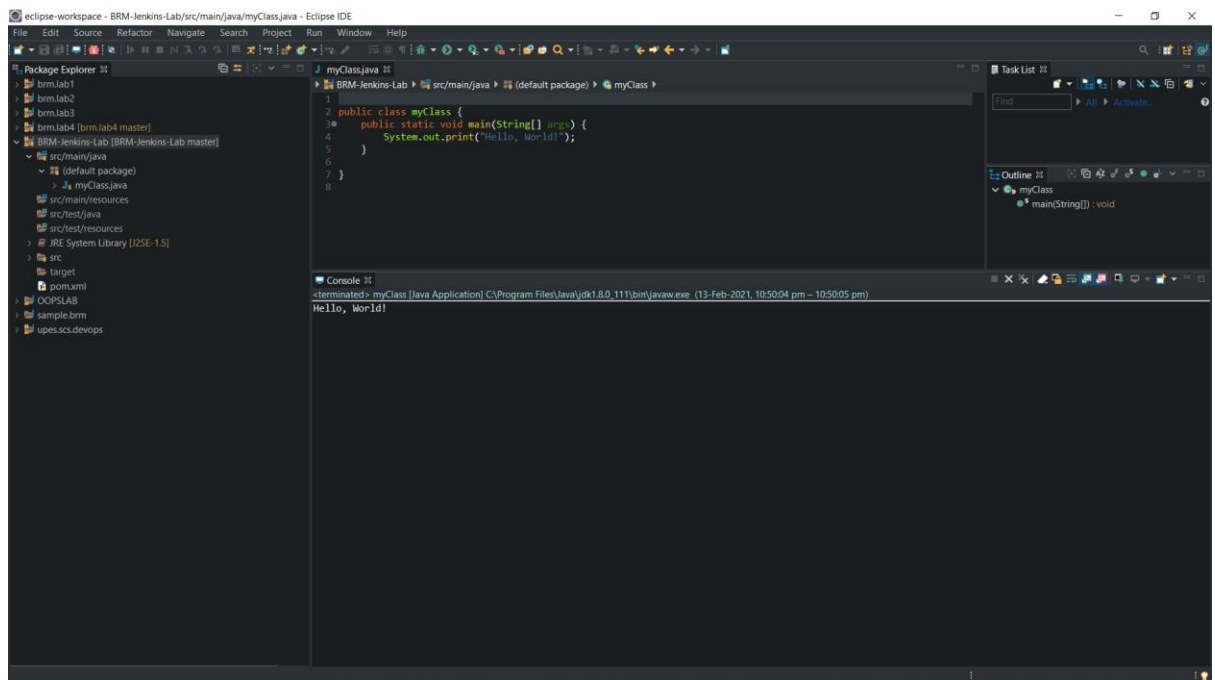


BRM LAB-2

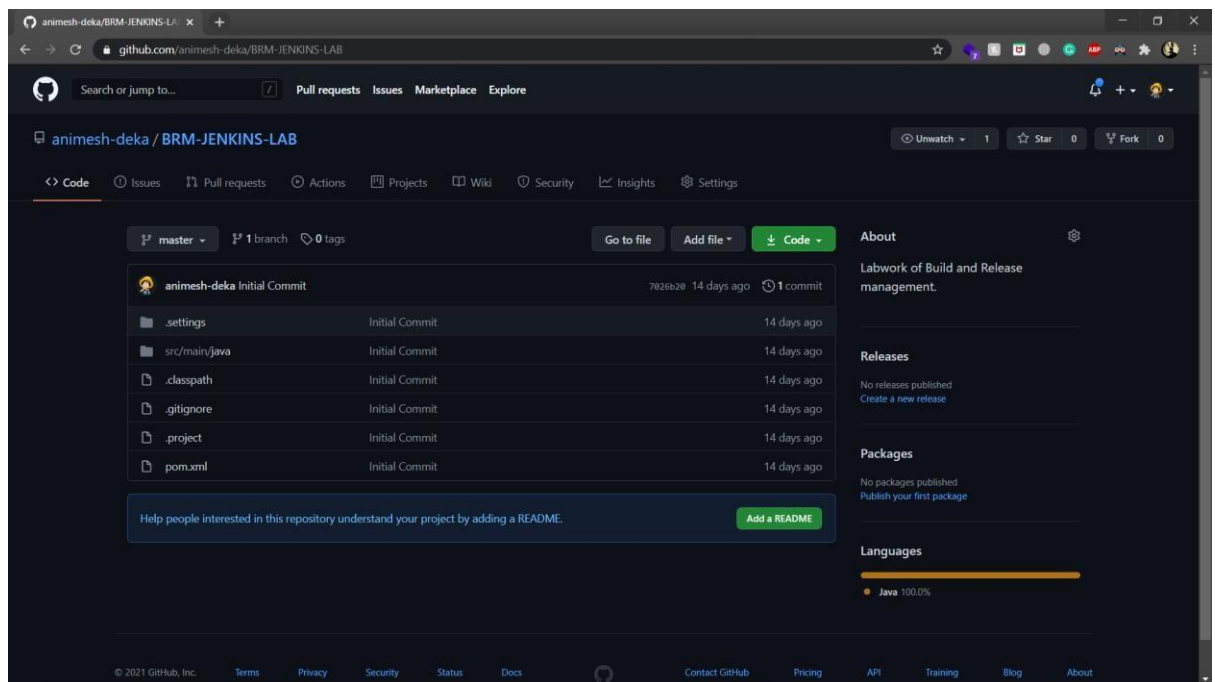
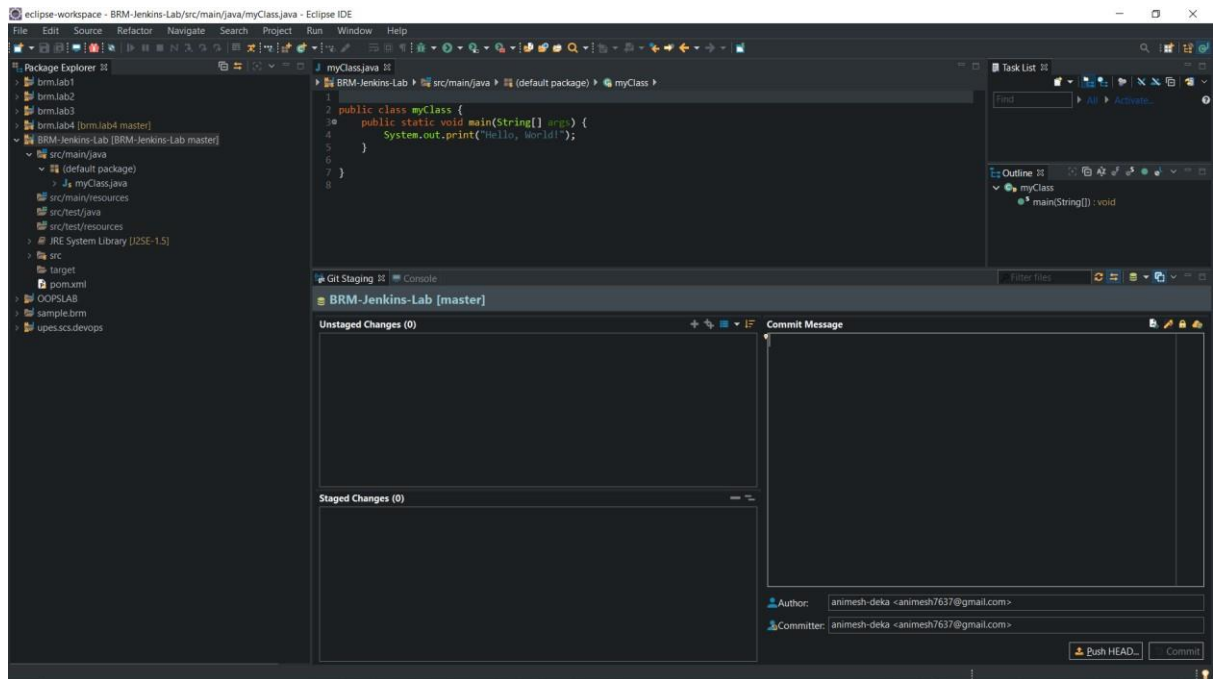
Create a simple maven project



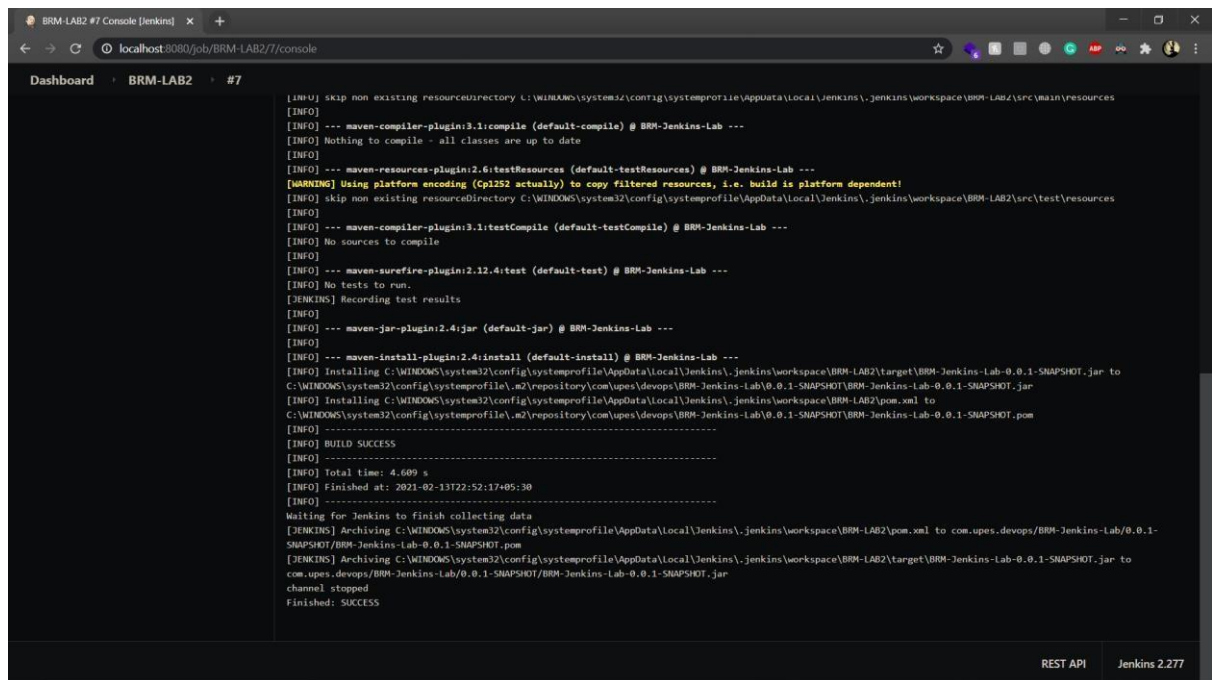
Create a class in the maven project



Commit and push the code on GitHub

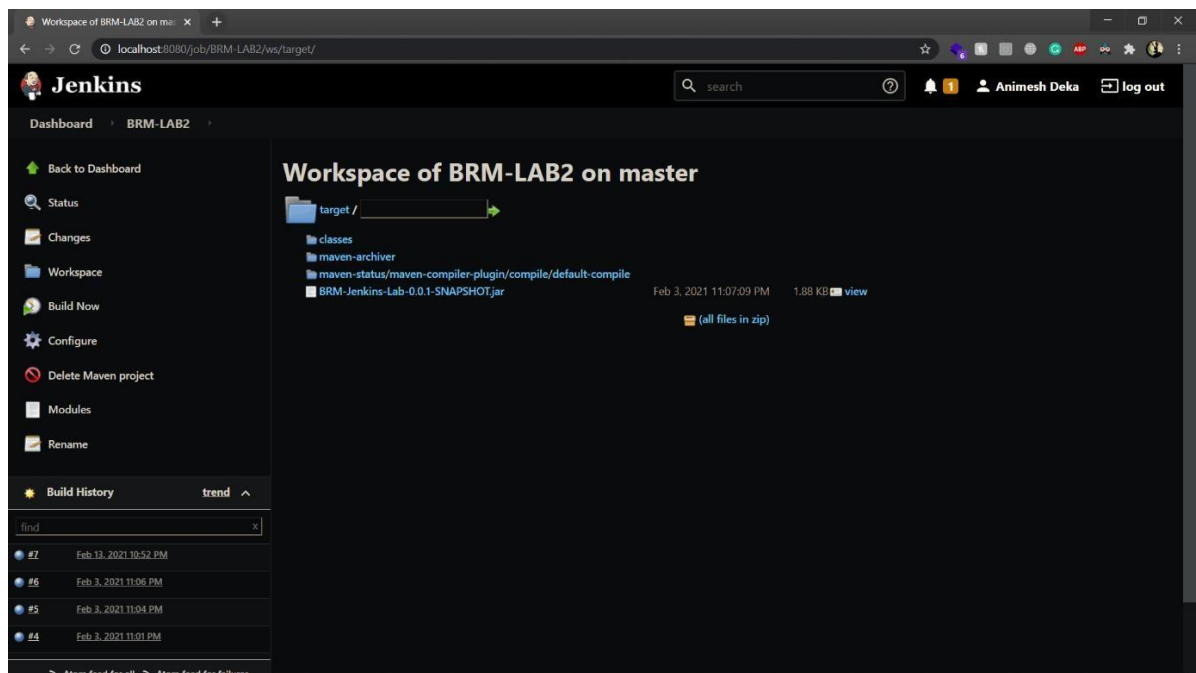


Open Jenkins and run goals



The screenshot shows the Jenkins console output for job BRM-LAB2 #7. The output is a log of Maven build steps, including skipping non-existing resource directories, compiling with maven-compiler-plugin, testing resources with maven-resources-plugin, and installing the resulting JAR and POM files. The build is successful, with a total time of 4.609 seconds. The console output is as follows:

```
[INFO] skip non existing resourceDirectory C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BRM-LAB2\src\main\resources
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ BRM-Jenkins-Lab ---
[INFO] Nothing to compile - all classes are up to date
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ BRM-Jenkins-Lab ---
[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-LAB2\src\test\resources
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ BRM-Jenkins-Lab ---
[INFO] No sources to compile
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ BRM-Jenkins-Lab ---
[INFO] No tests to run.
[INFO] Recording test results
[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ BRM-Jenkins-Lab ---
[INFO] --- maven-install-plugin:2.4:install (default-install) @ BRM-Jenkins-Lab ---
[INFO] Installing C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BRM-LAB2\target\BRM-Jenkins-Lab-0.0.1-SNAPSHOT.jar to
C:\WINDOWS\system32\config\systemprofile\com\upes\devops\BRM-Jenkins-Lab\0.0.1-SNAPSHOT\BRM-Jenkins-Lab-0.0.1-SNAPSHOT.jar
[INFO] Installing C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BRM-LAB2\pom.xml to
C:\WINDOWS\system32\config\systemprofile\com\upes\devops\BRM-Jenkins-Lab\0.0.1-SNAPSHOT\BRM-Jenkins-Lab-0.0.1-SNAPSHOT.pom
[INFO] BUILD SUCCESS
[INFO] Total time: 4.609 s
[INFO] Finished at: 2021-02-13T22:52:17+05:30
[INFO]
Waiting for Jenkins to finish collecting data
[JENKINS] Archiving C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BRM-LAB2\pom.xml to com.upes.devops/BRM-Jenkins-Lab/0.0.1-SNAPSHOT/BRM-Jenkins-Lab-0.0.1-SNAPSHOT.pom
[JENKINS] Archiving C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BRM-LAB2\target\BRM-Jenkins-Lab-0.0.1-SNAPSHOT.jar to
com.upes.devops/BRM-Jenkins-Lab/0.0.1-SNAPSHOT/BRM-Jenkins-Lab-0.0.1-SNAPSHOT.jar
channel stopped
Finished: SUCCESS
```



The screenshot shows the Jenkins web interface for job BRM-LAB2. The left sidebar contains navigation links: Back to Dashboard, Status, Changes, Workspace, Build Now, Configure, Delete Maven project, Modules, and Rename. The main content area displays the workspace of BRM-LAB2 on the master, showing a file tree with the following files:

- target /
- classes
- maven-archiver
- maven-status/maven-compiler-plugin/compile/default-compile
- BRM-Jenkins-Lab-0.0.1-SNAPSHOT.jar

The file BRM-Jenkins-Lab-0.0.1-SNAPSHOT.jar is highlighted, showing its date (Feb 3, 2021 11:07:09 PM) and size (1.88 KB). A link to view the file is provided. Below the file tree, there is a section for Build History, showing a list of builds with their IDs and timestamps:

Build ID	Timestamp
#7	Feb 13, 2021 10:52 PM
#6	Feb 3, 2021 11:06 PM
#5	Feb 3, 2021 11:04 PM
#4	Feb 3, 2021 11:01 PM