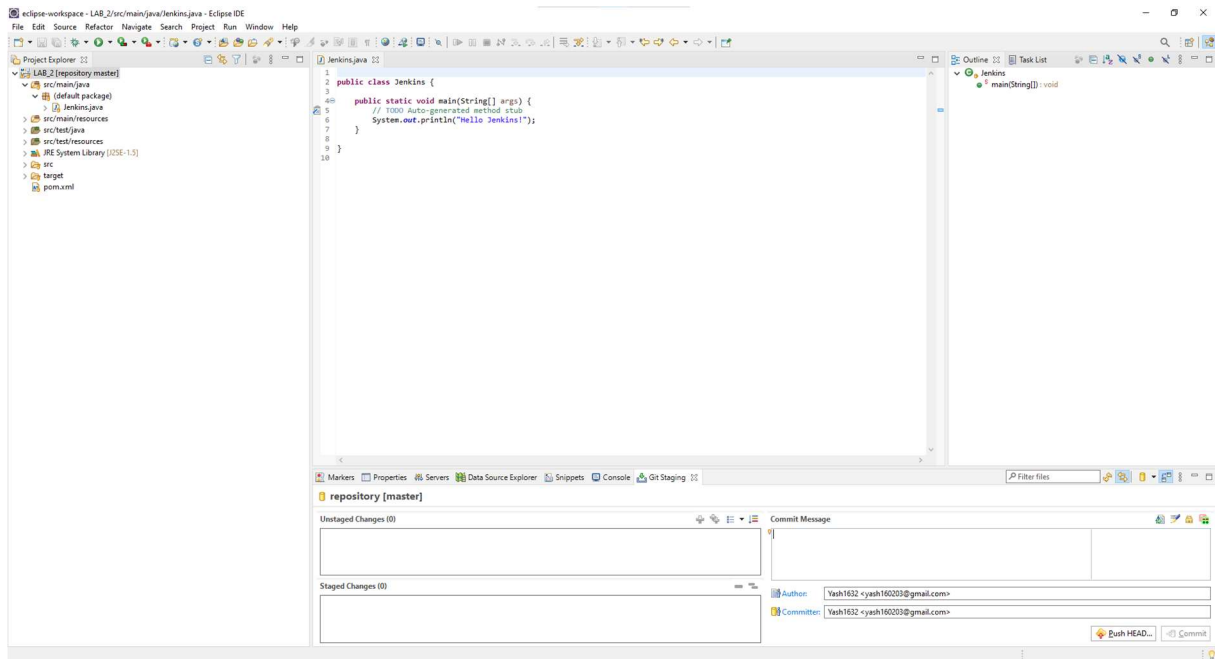


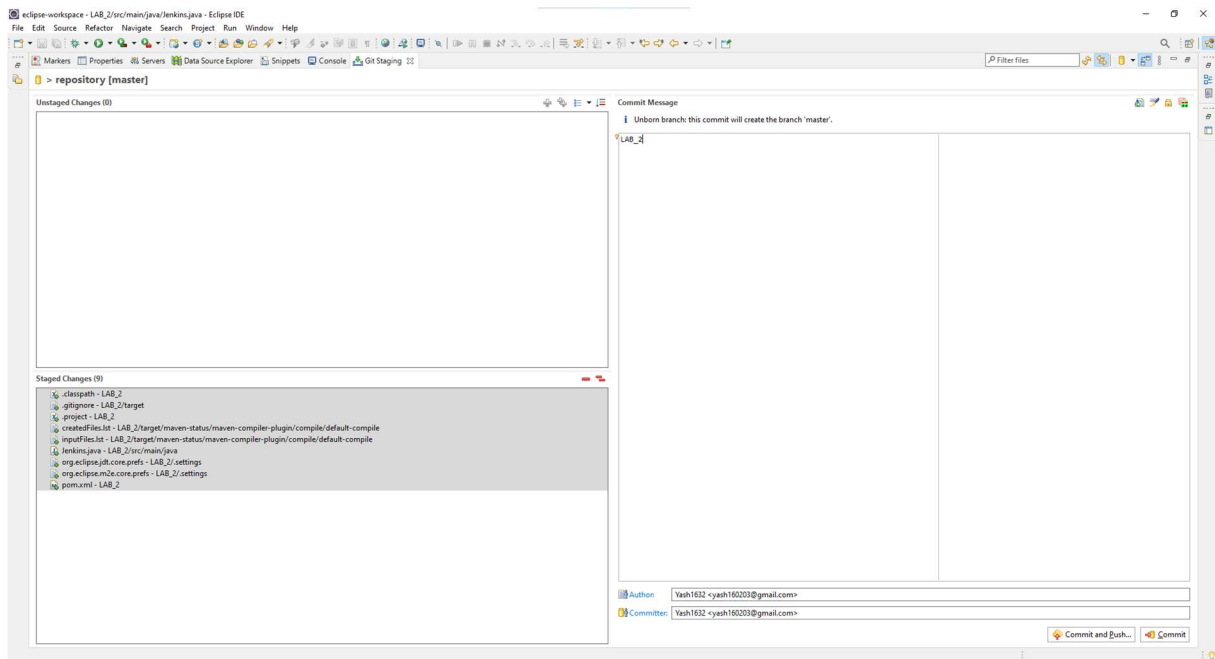
BUILD AND RELEASE MANAGEMENT LAB FILE

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DEVOPS 2ND YEAR
4th SEMESTER**

- Create a maven project and then a java class with the following code



- Stage all changes and commit them to Github



- Open Jenkins, create a new project and run the clean goal

Dashboard > Jenkins_Practice_1 > Source Code Management

General | **Source Code Management** | Build Triggers | Build Environment | Pre Steps | Build | Post Steps | Build Settings | Post-build Actions

☐ None
☒ Git

Repositories

Repository URL
 https://github.com/yash1632/LAB_2_BRM

Credentials
 fe6a1685-dd4b-40d7-93d8-da86b71e47ef

Branches to build

Branch Specifier (blank for 'any')
 */main

Repository browser
 (Auto)

Additional Behaviours

Build Triggers

☒ Build when a change is pushed to the selected branches

- Click on build and it says BUILD SUCCESSFUL

Dashboard > Jenkins_Practice_1 > #1

```
[INFO]
[INFO] ----- upes.scs.devops:LAB_2 -----
[INFO] Building LAB_2 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ LAB_2 ---
[WARNING] Using platform encoding (cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory C:\Users\yash1\jenkins\workspace\Jenkins_Practice_1\src\main\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ LAB_2 ---
[INFO] Changes detected - recompiling the module!
[WARNING] File encoding has not been set, using platform encoding cp1252, i.e. build is platform dependent!
[INFO] Compiling 1 source file to C:\Users\yash1\jenkins\workspace\Jenkins_Practice_1\target\classes
[INFO]
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ LAB_2 ---
[WARNING] Using platform encoding (cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory C:\Users\yash1\jenkins\workspace\Jenkins_Practice_1\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ LAB_2 ---
[INFO] No sources to compile
[INFO]
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ LAB_2 ---
[INFO] No tests to run.
[INFO] Recording test results
[INFO]
[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ LAB_2 ---
[INFO] Building jar: C:\Users\yash1\jenkins\workspace\Jenkins_Practice_1\target\LAB_2-0.0.1-SNAPSHOT.jar
[INFO]
[INFO] --- maven-install-plugin:2.4:install (default-install) @ LAB_2 ---
[INFO] Installing C:\Users\yash1\jenkins\workspace\Jenkins_Practice_1\target\LAB_2-0.0.1-SNAPSHOT.jar to C:\Users\yash1\.m2\repository\upes\scs\devops\LAB_2\0.0.1-SNAPSHOT\LAB_2-0.0.1-SNAPSHOT-jar
[INFO] Installing C:\Users\yash1\jenkins\workspace\Jenkins_Practice_1\pom.xml to C:\Users\yash1\.m2\repository\upes\scs\devops\LAB_2\0.0.1-SNAPSHOT\LAB_2-0.0.1-SNAPSHOT.pom
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] -----
[INFO] Total time: 2.064 s
[INFO] Finished at: 2021-06-03T16:23:41+05:30
[INFO]
[INFO] -----
[INFO] Waiting for Jenkins to finish collecting data
[INFO] Archiving C:\Users\yash1\jenkins\workspace\Jenkins_Practice_1\pom.xml to upes.scs.devops\LAB_2\0.0.1-SNAPSHOT\LAB_2-0.0.1-SNAPSHOT.pom
[INFO] Archiving C:\Users\yash1\jenkins\workspace\Jenkins_Practice_1\target\LAB_2-0.0.1-SNAPSHOT.jar to upes.scs.devops\LAB_2\0.0.1-SNAPSHOT\LAB_2-0.0.1-SNAPSHOT-jar
[INFO] channel stopped
[INFO] Finished: SUCCESS
```

REST API Jenkins 2.277