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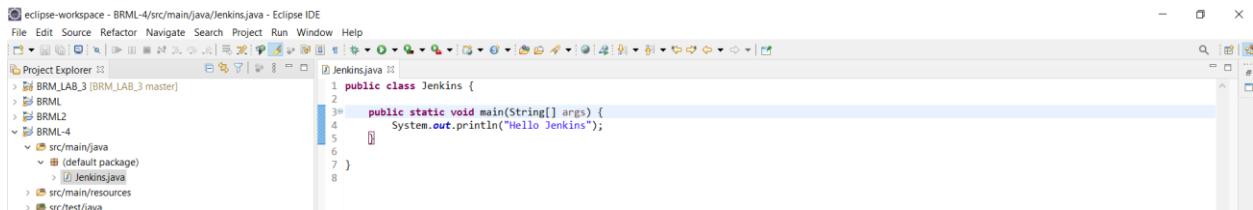
Roll No. : R171219038

Batch : 2

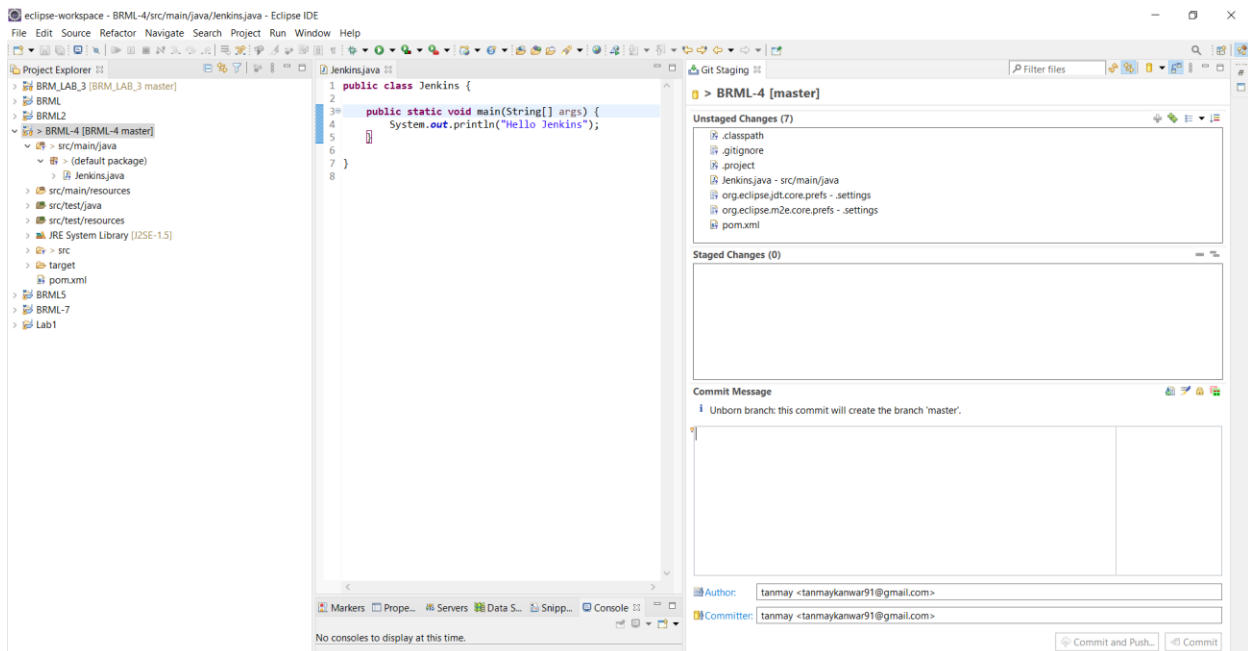
Build and Release Management Lab-4

Aim: Automating builds of maven project using Jenkins

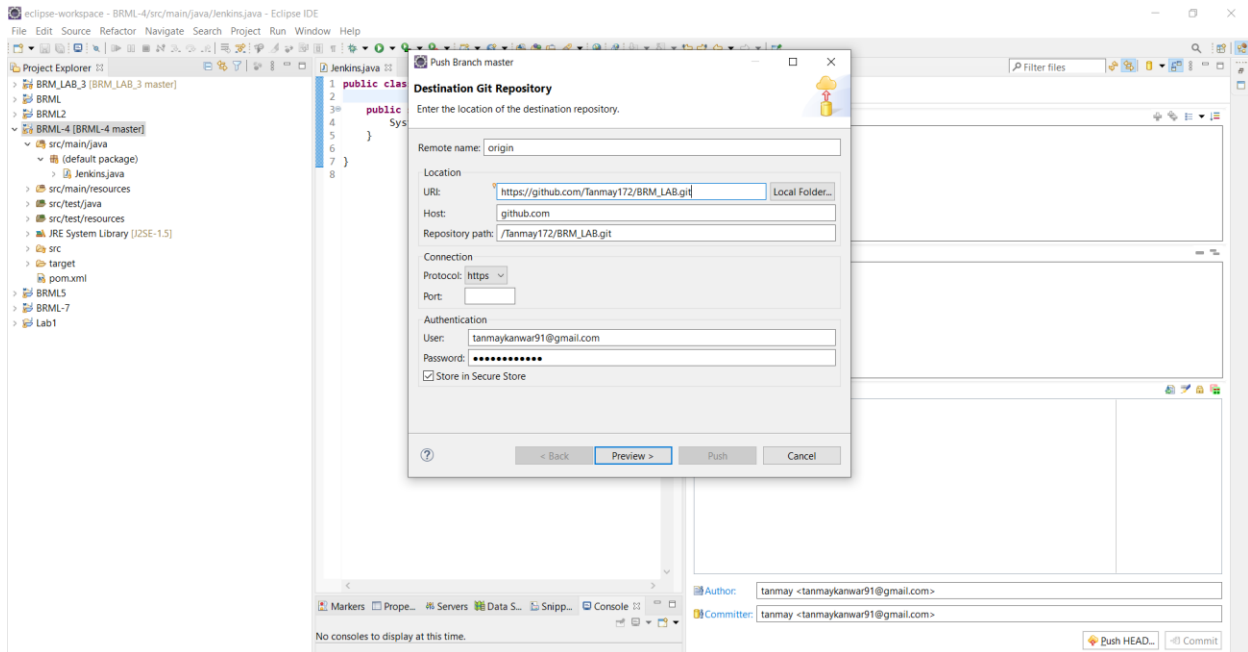
1. Create a simple maven project.



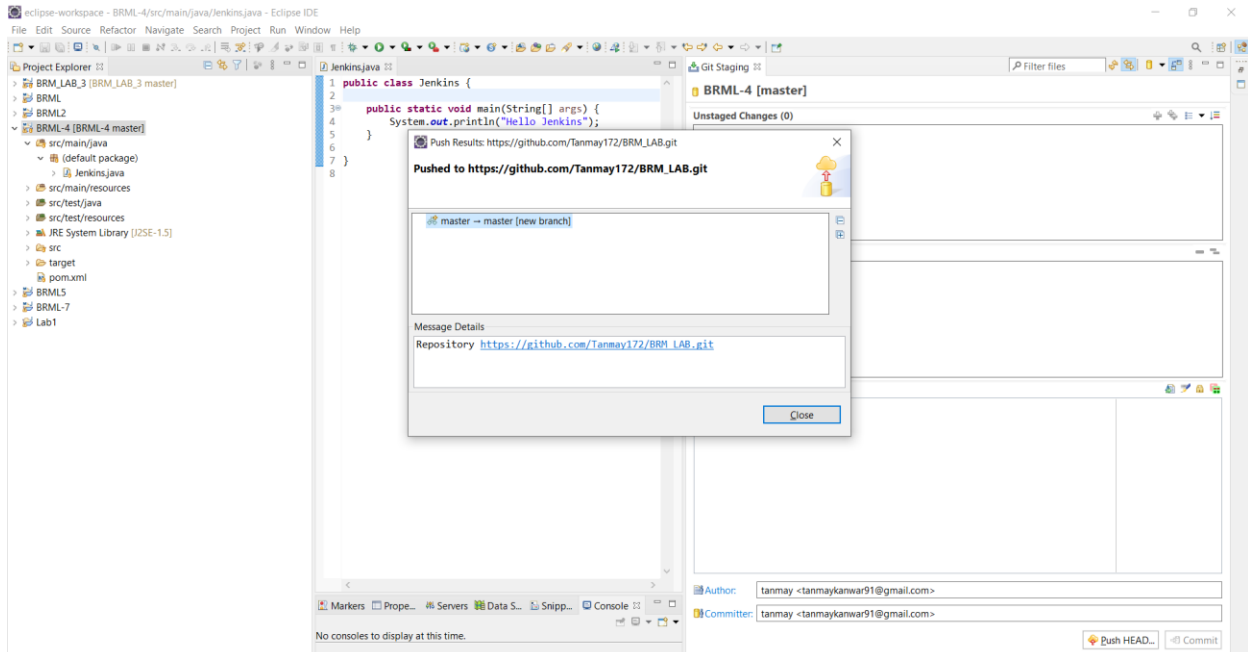
2. Initialize the project folder with. Git

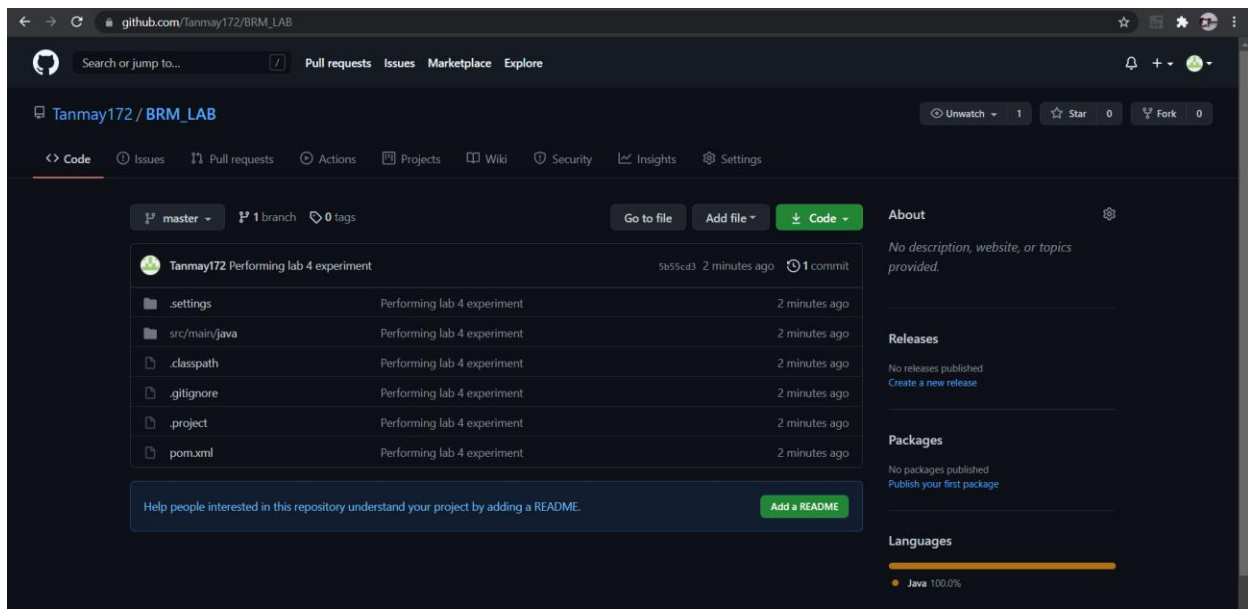


3. Configuring with GitHub credentials and Staging the changes, through eclipse

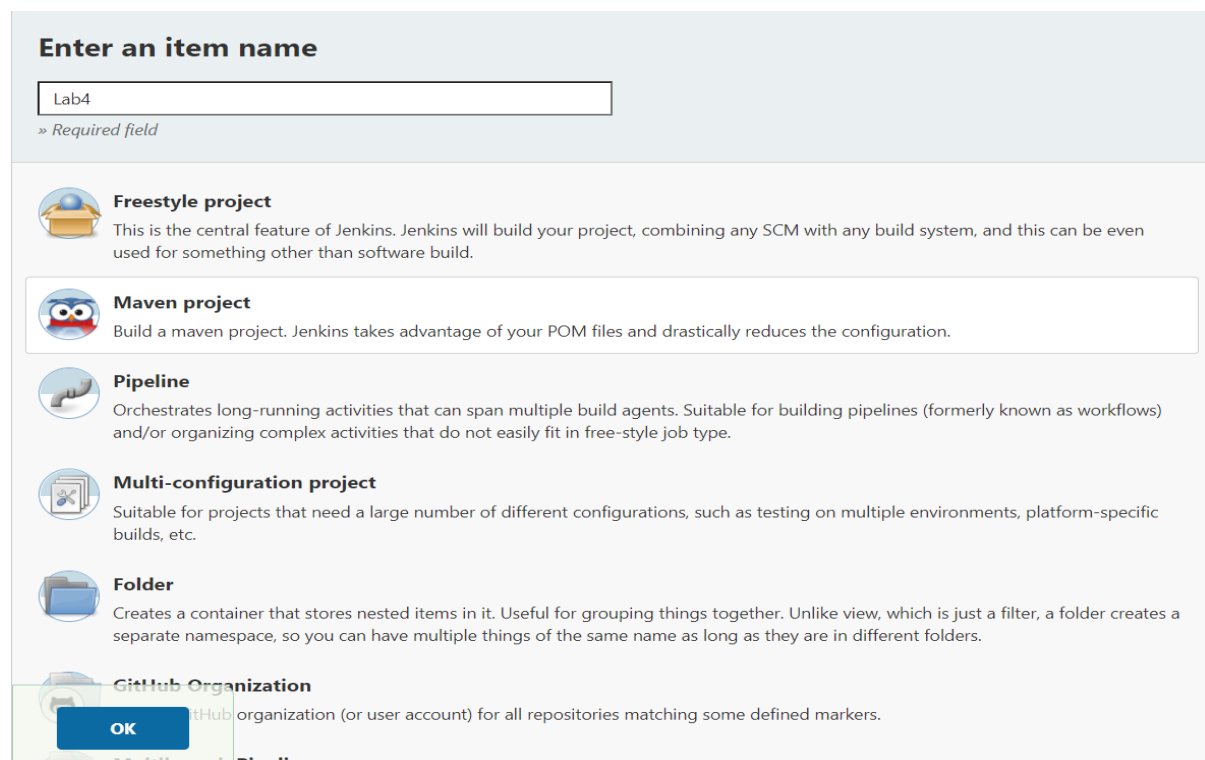


4. Committing and pushing the changes.





5. Choose a new Item → Maven Project → Name of the project



6. Schedule the automatic build with POLL SCM

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 ?

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

Would last have run at Monday, 15 February, 2021 3:18:41 AM IST; would next run at Monday, 15 February, 2021 3:18:41 AM IST.

☐ Ignore post-commit hooks ?

7. Now we can test by committing a new change into the repository and Jenkins will automatically build it.

[Back to Dashboard](#)

Status

Changes

Workspace

Build Now

Configure

Delete Maven project

Modules

Git Polling Log

Rename

Build History

trend ^

find x

#3

Feb 15, 2021 3:21 AM

#2

Feb 15, 2021 3:19 AM

#1

Feb 15, 2021 3:16 AM

Maven project Lab4

Workspace

Recent Changes

Permalinks

- Last build (#3), 34 sec ago
- Last stable build (#3), 34 sec ago
- Last successful build (#3), 34 sec ago
- Last completed build (#3), 34 sec ago

```

Parsing POMs
Established TCP socket on 52403
[Lab4] $ F:\JAVA\JDK\bin/java -cp C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\plugins\maven-plugin\WEB-INF\lib\maven35-agent-1.13.jar;F:\Software\Maven\apache-maven-3.5.3\boot\plexus-classworlds-2.5.2.jar;F:\Software\Maven\apache-maven-3.5.3/conf/logging-jenkins.maven3.agent.Maven35MainF:\Software\Maven\apache-maven-3.5.3 C:\Windows\System32\config\systemprofile\AppData\Local\Jenkins\war\WEB-INF\lib\remoting-4.6.jar C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\plugins\maven-plugin\WEB-INF\lib\maven35-interceptor-1.13.jar C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\plugins\maven-plugin\WEB-INF\lib\maven3-interceptor-commons-1.13.jar 52403
<==[JENKINS REMOTING CAPACITY]==>channel started
Executing Maven: -B -f C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\Lab4\pom.xml clean
[INFO] Scanning for projects...
[INFO]
[INFO] -----< BRML_Lab:BRML4 >-----
[INFO] Building BRML4 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ BRML4 ---
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] -----
[INFO] Total time: 0.742 s
[INFO] Finished at: 2021-02-15T03:21:12+05:30
[INFO] -----
Waiting for Jenkins to finish collecting data
[JENKINS] Archiving C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\Lab4\pom.xml to BRML_Lab/BRML4/0.0.1-SNAPSHOT/BRML4-0.0.1-SNAPSHOT.pom
channel stopped
Finished: SUCCESS
```