



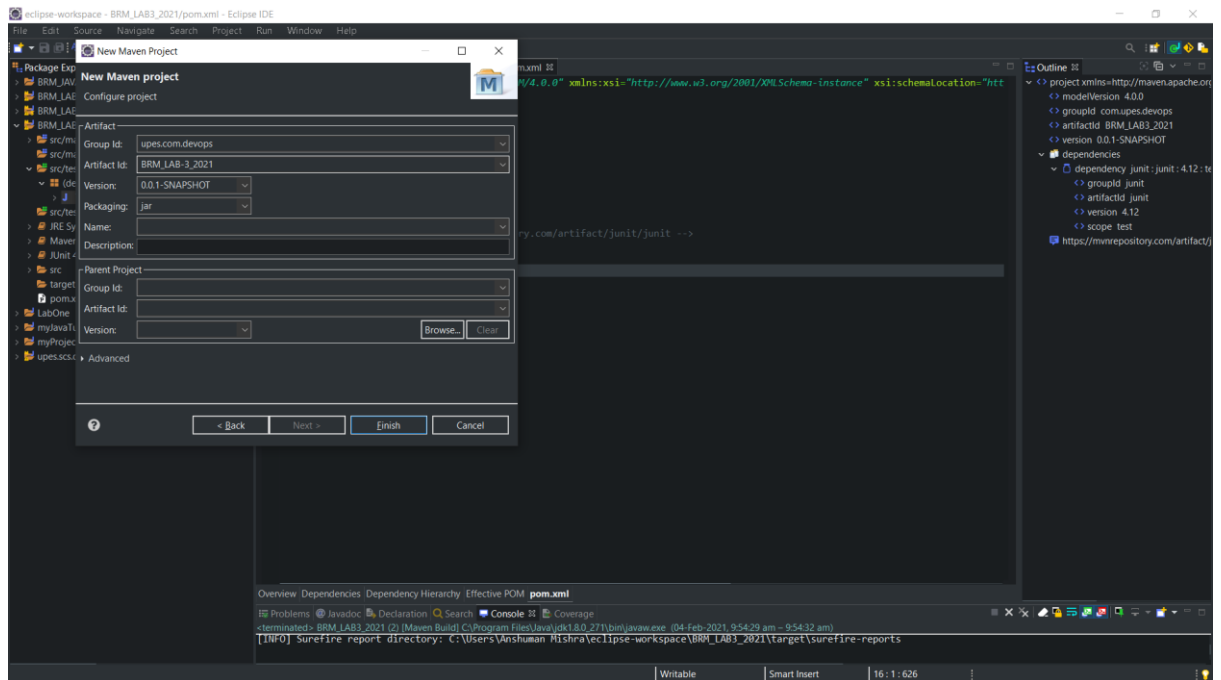
BRM LAB-4

Submitted by: Anshuman Mishra

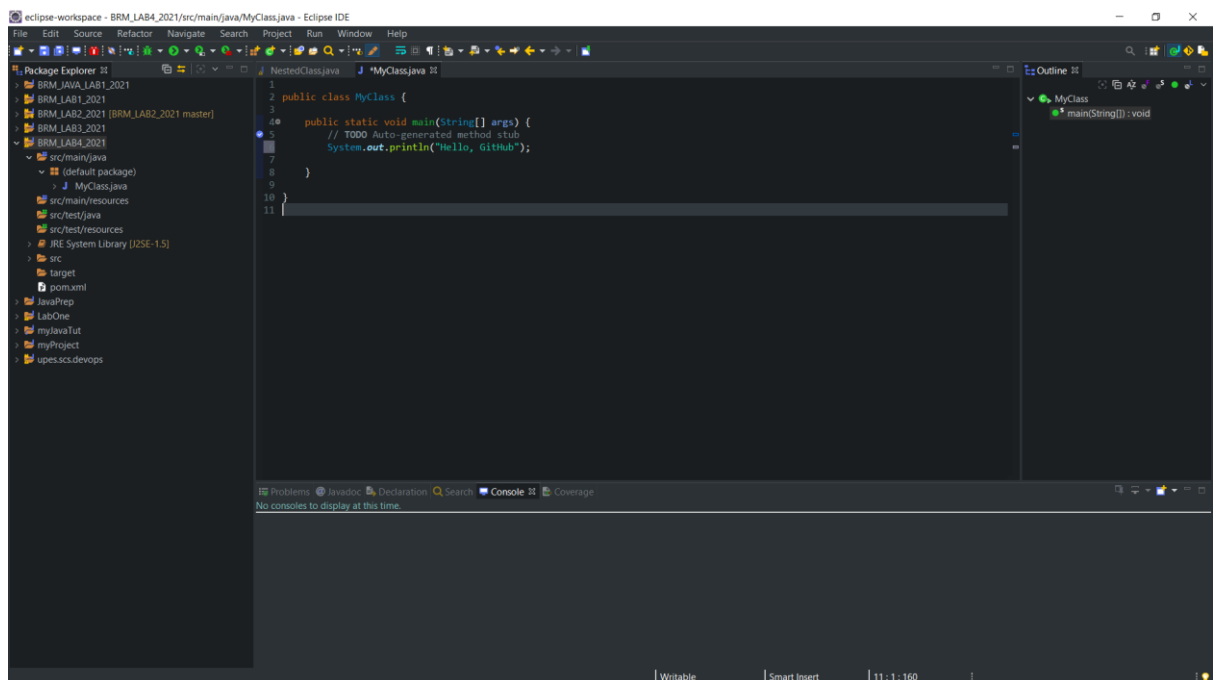


FEBRUARY 11, 2021

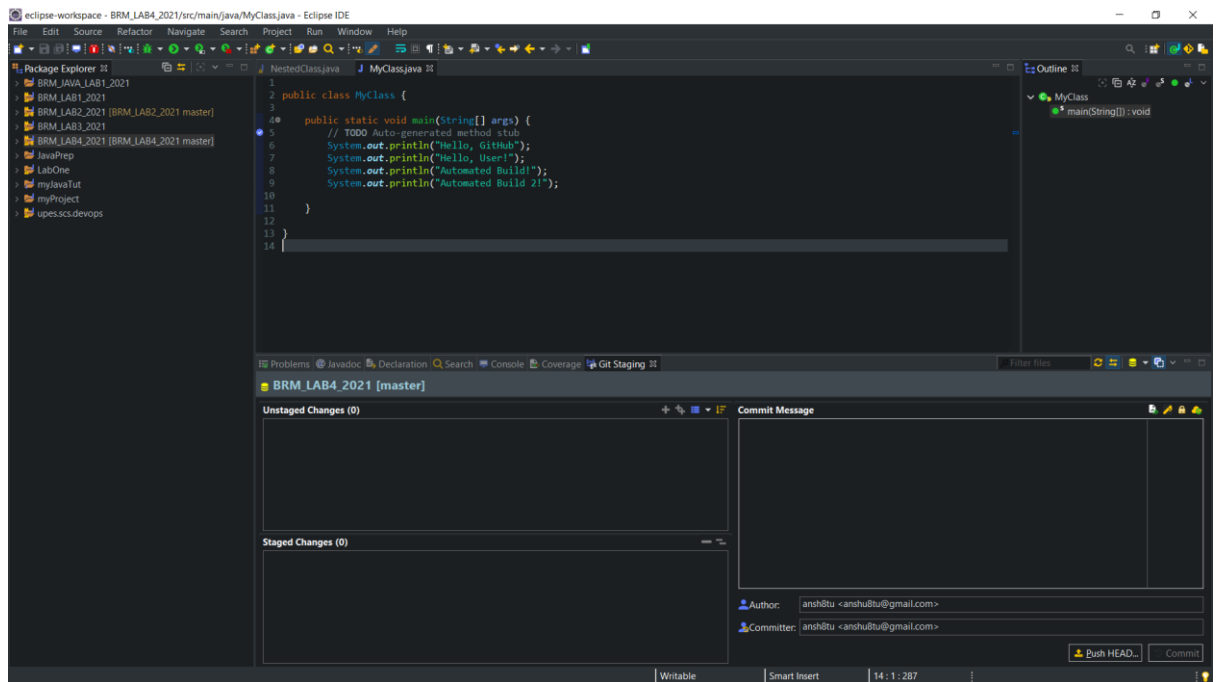
- **CREATING A SIMPLE MAVEN PROJECT**



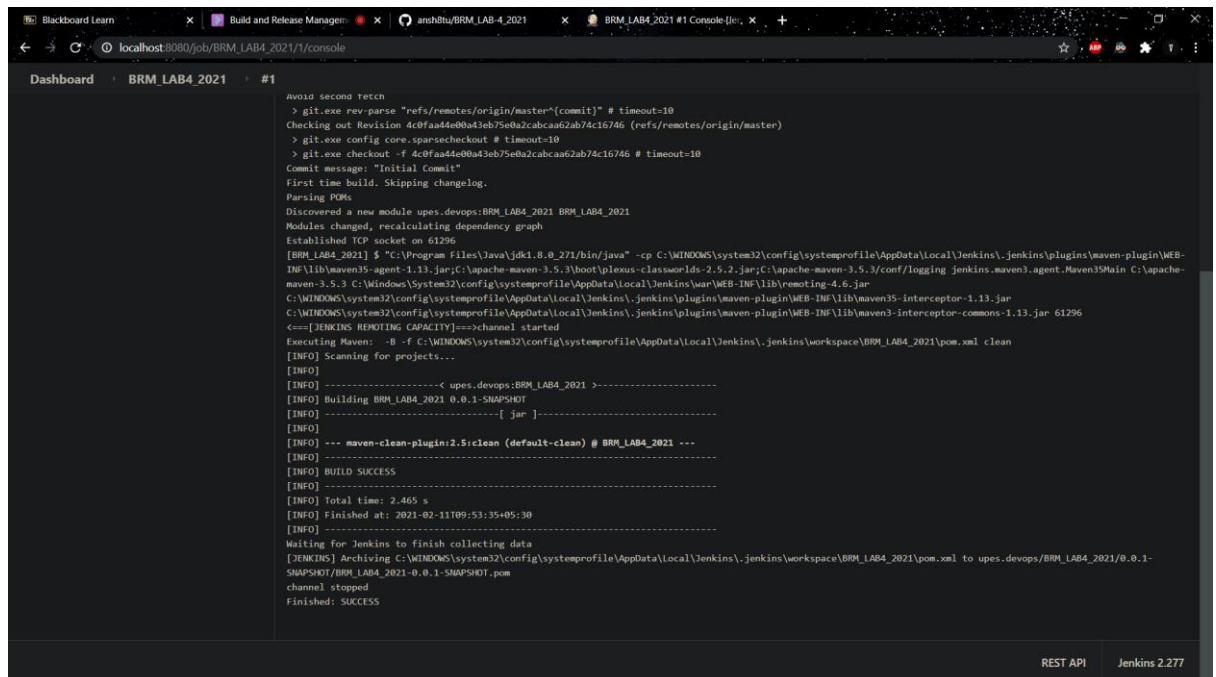
- **CREATE A CLASS WITH THE FOLLOWING CODE IN MAVEN PROJECT**



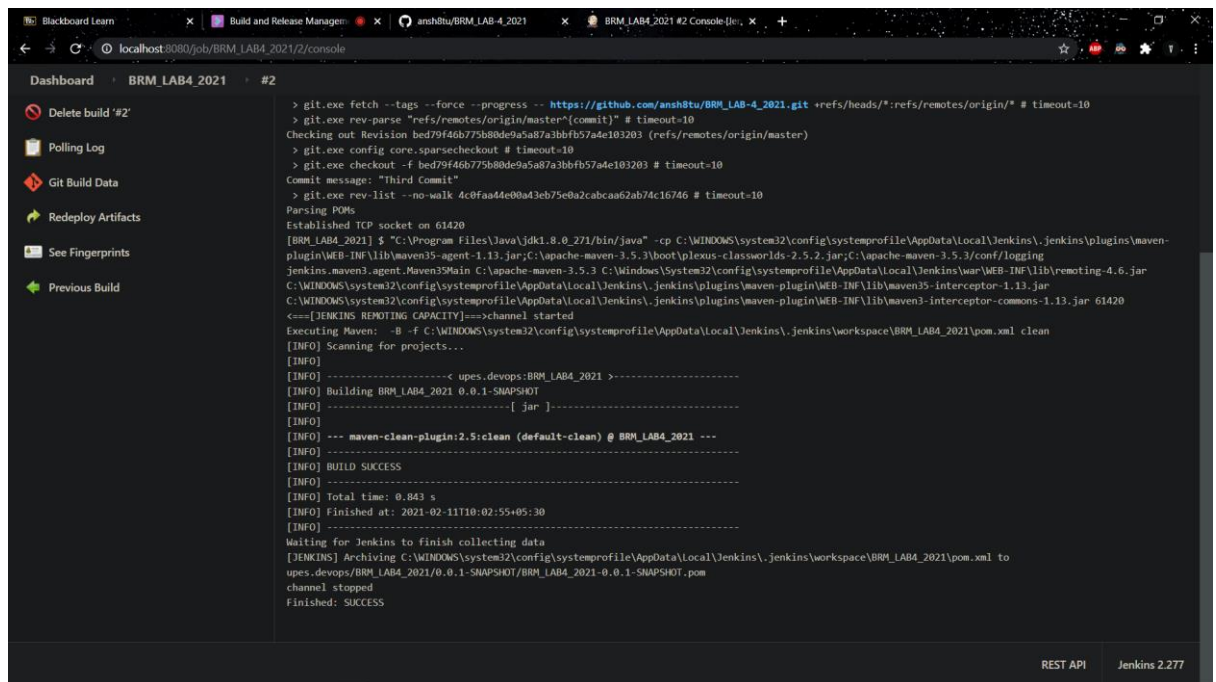
- **COMMIT AND PUSH THIS CODE ON YOUR GITHUB BY CREATING A REPOSITORY**



- **OPEN JENKINS AND RUN CLEAN GOAL**



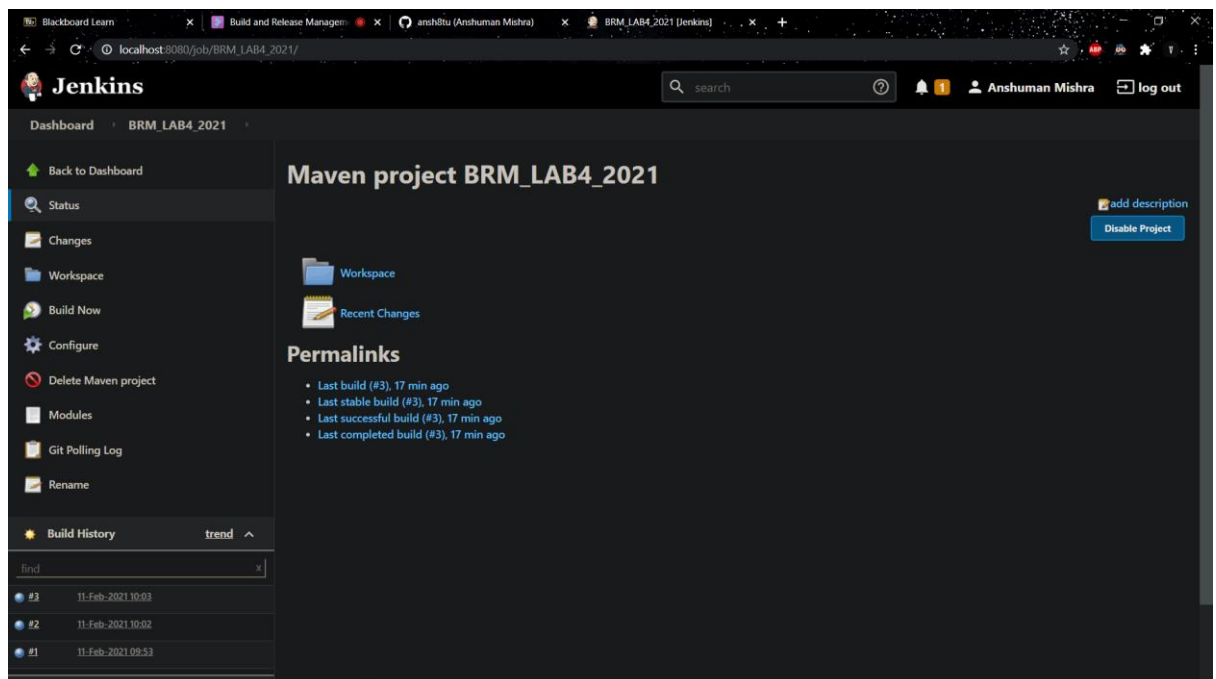
- **NOW AUTOMATE THE JOB BY MAKING CHANGES IN CONFIGURATION FILES AND MAKE SOME CHANGES AND PUSH TO SEE THE EFFECT**



The screenshot shows a Jenkins console window for a build named 'BRM_LAB4_2021' with ID '#2'. The console output displays the following steps and messages:

```
> git.exe fetch --tags --force --progress -- https://github.com/ansh8tu/BRM_LAB-4_2021.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git.exe rev-parse "refs/remotes/origin/master:{commit}" # timeout=10
Checking out Revision bed79f46b775b88de9a5a87a3bbfb57a4e103203 (refs/remotes/origin/master)
> git.exe config core.sparsecheckout # timeout=10
> git.exe checkout -f bed79f46b775b88de9a5a87a3bbfb57a4e103203 # timeout=10
Commit message: "Third Commit"
> git.exe rev-list --no-walk 4c0faa44e00a43eb75e0a2cabca62ab74c16746 # timeout=10
Parsing POMs
Established TCP socket on 61420
[BRM_LAB4_2021] $ "C:\Program Files\Java\jdk1.8.0_271\bin/java" -cp C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\plugins\maven-
plugin\WEB-INF\lib\maven35-agent-1.13-jar;C:\apache-maven-3.5.3\boot\plexus-classworlds-2.5.2.jar;C:\apache-maven-3.5.3\conf\logging
jenkins.maven3.agent.Maven35Main C:\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\maven3-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 61420
<==[JENKINS REMOTING CAPACITY]==>channel started
Executing Maven: -B -f C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BRM_LAB4_2021\pom.xml clean
[INFO] Scanning for projects...
[INFO]
[INFO] -----< upes.devops:BRM_LAB4_2021 >-----
[INFO] Building BRM_LAB4_2021 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ BRM_LAB4_2021 ---
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] -----
[INFO] Total time: 0.843 s
[INFO] Finished at: 2021-02-11T10:02:55+05:30
[INFO]
[INFO] -----
Waiting for Jenkins to finish collecting data
[JENKINS] Archiving C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\BRM_LAB4_2021\pom.xml to
upes.devops/BRM_LAB4_2021/0.0.1-SNAPSHOT/BRM_LAB4_2021-0.0.1-SNAPSHOT.pom
channel stopped
Finished: SUCCESS
```

At the bottom right of the console window, it says 'REST API' and 'Jenkins 2.277'.



The screenshot shows the Jenkins web interface for the project 'BRM_LAB4_2021'. The page has a dark theme and includes a sidebar with navigation links: Dashboard, Back to Dashboard, Status, Changes, Workspace, Build Now, Configure, Delete Maven project, Modules, Git Polling Log, and Rename. The main content area is titled 'Maven project BRM_LAB4_2021' and includes a 'Workspace' section with a 'Recent Changes' section. Below these, there is a 'Permalinks' section with a list of build links:

- Last build (#3), 17 min ago
- Last stable build (#3), 17 min ago
- Last successful build (#3), 17 min ago
- Last completed build (#3), 17 min ago

At the bottom, there is a 'Build History' section with a table showing the last three builds:

Build	Time
#3	11-Feb-2021 10:03
#2	11-Feb-2021 10:02
#1	11-Feb-2021 09:53