Create Pipeline using Jenkinsfile
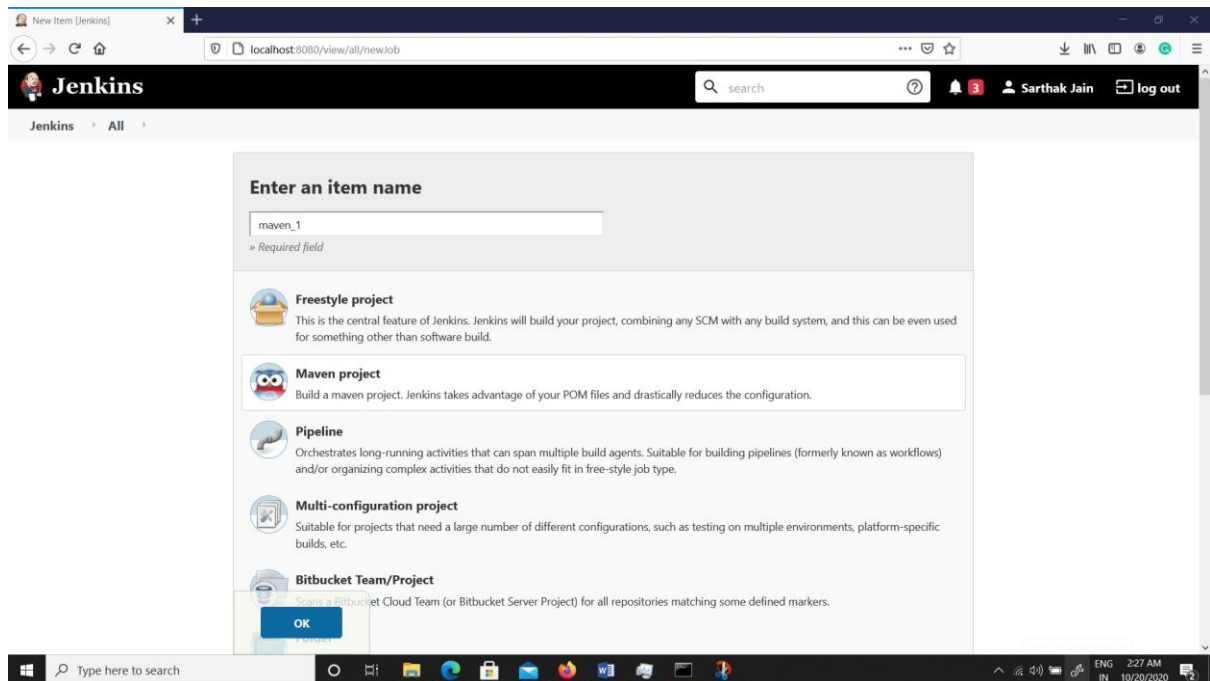
- Start the Jenkins service using the java -jar jenkins.war command in the command prompt
- Go to the Jenkins dashboard at localhost:8080

- Click on the new item option
- Select the maven project option
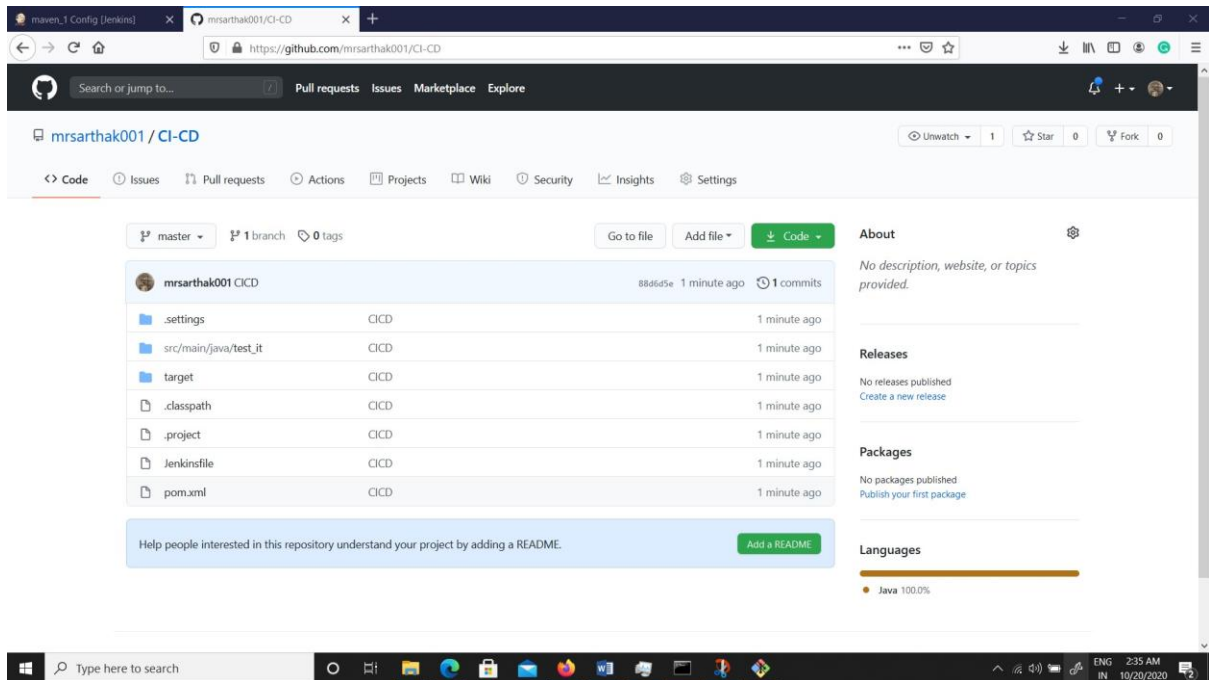- Give a name to the project
- Click ok

- You will be directed to a page similar to this.
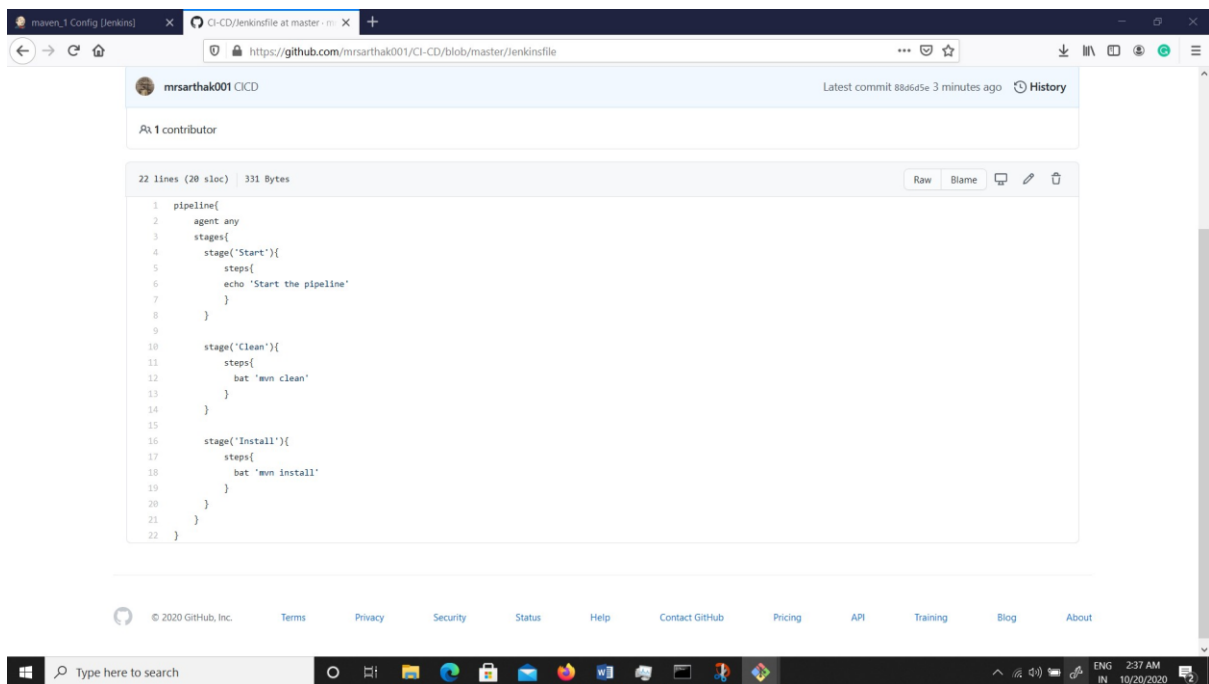- Click on the source code management tab to add the github repository
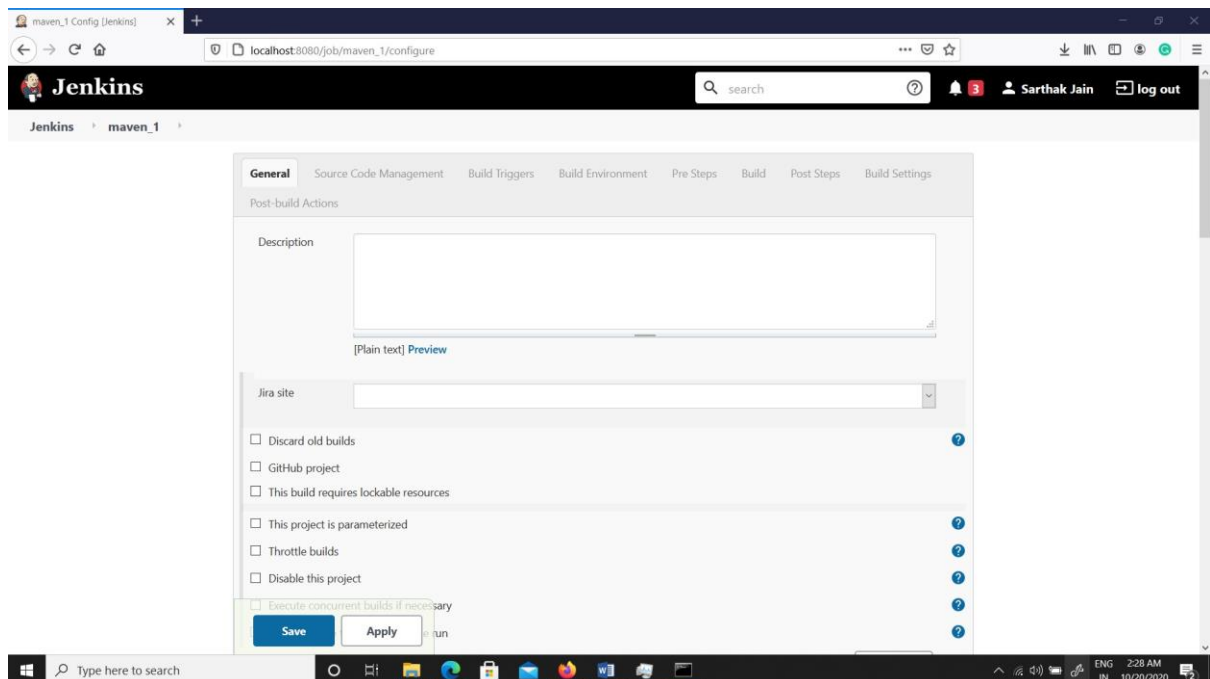
LAB 6

- Visit the repository where you saved your maven project
- Copy the location of the github repository

- The github repository has to contain a file named "Jenkinsfile" that tells the Jenkins server what tasks to do.
- In this example, it asks the Jenkins server to run 3 commands in 3 stages namely
- echo "Start the Pipeline"   ;   mvn clean   ;   mvn install

- In the Source Code Management Section select Git
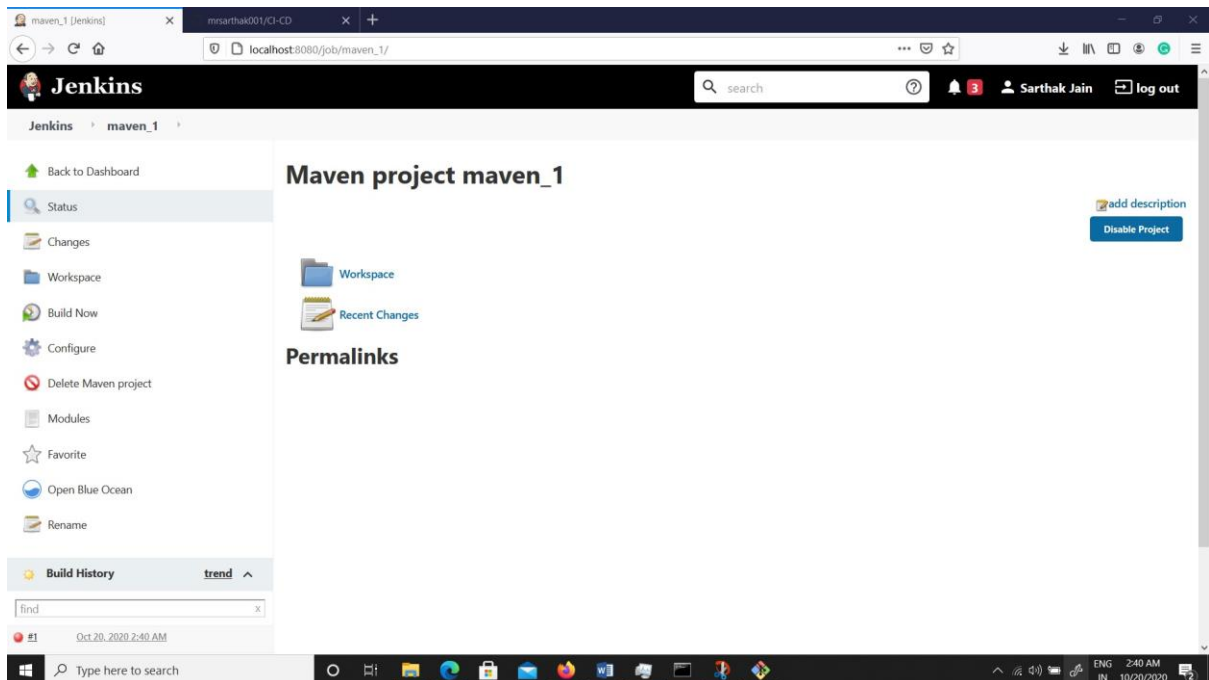- Give the repository location in the specified placeholder
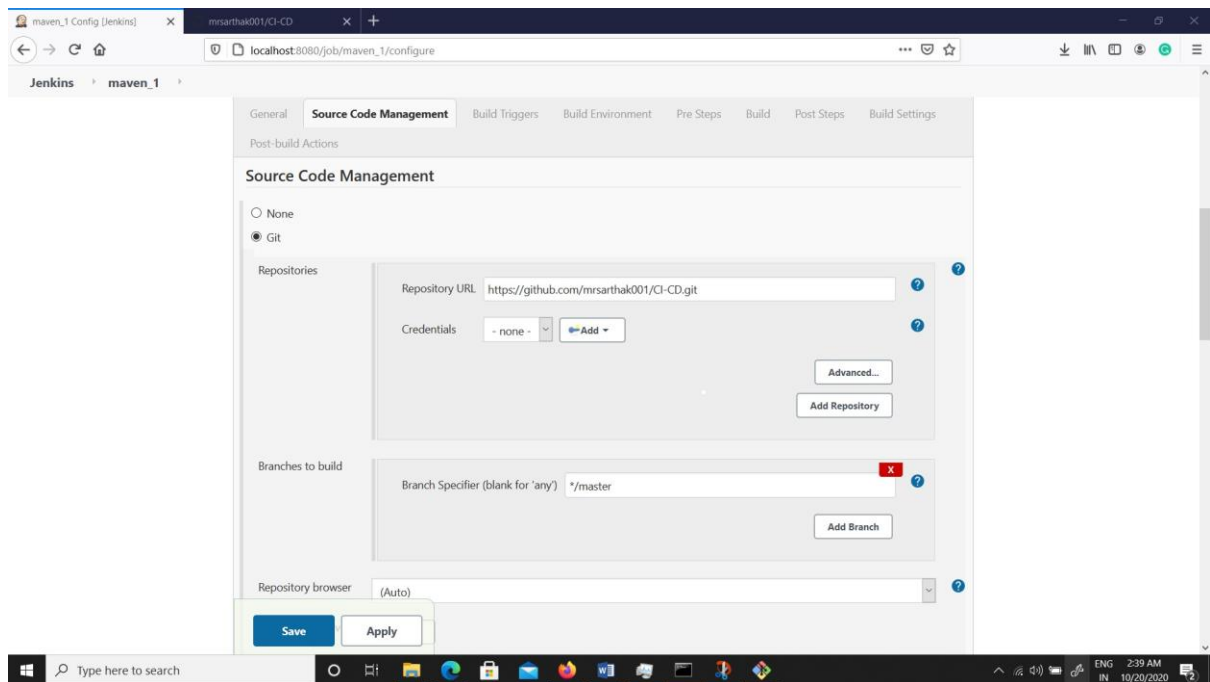
- Go down to the Build Section
- Add the exact location to the pom.xml file.
- If it is inside some folder, specify it as {folder_name}/pom.xml
- In the goals specify "clean, test and install" as the maven goals
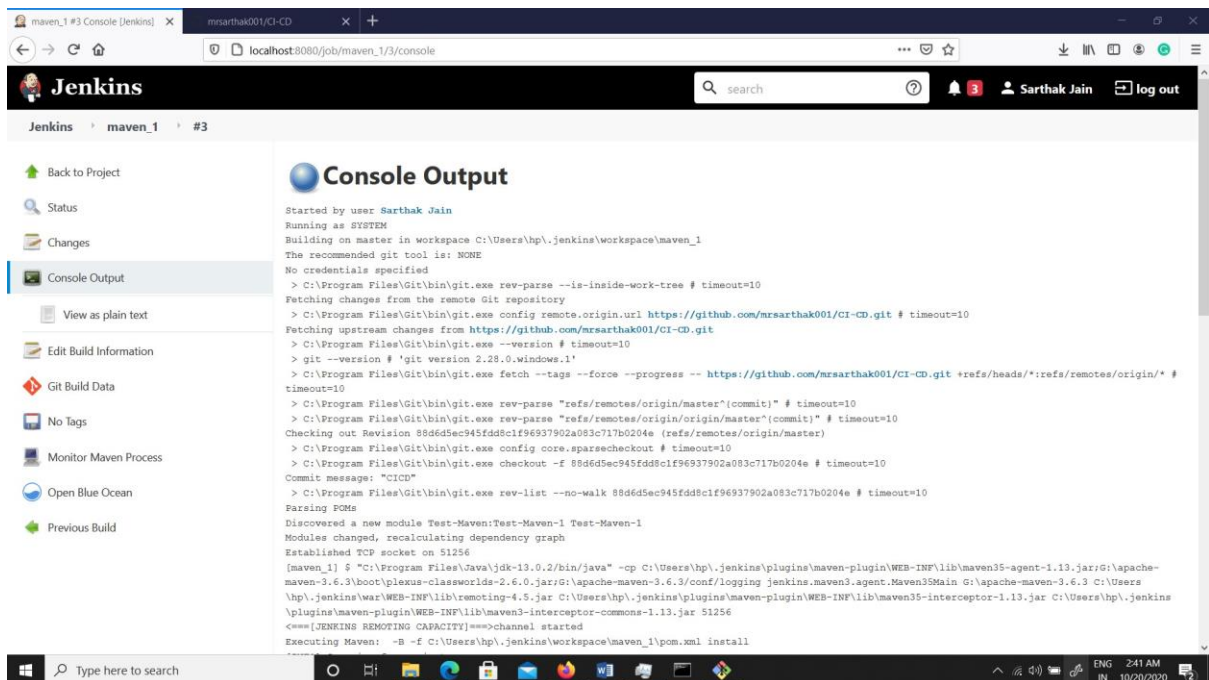- Click save and apply
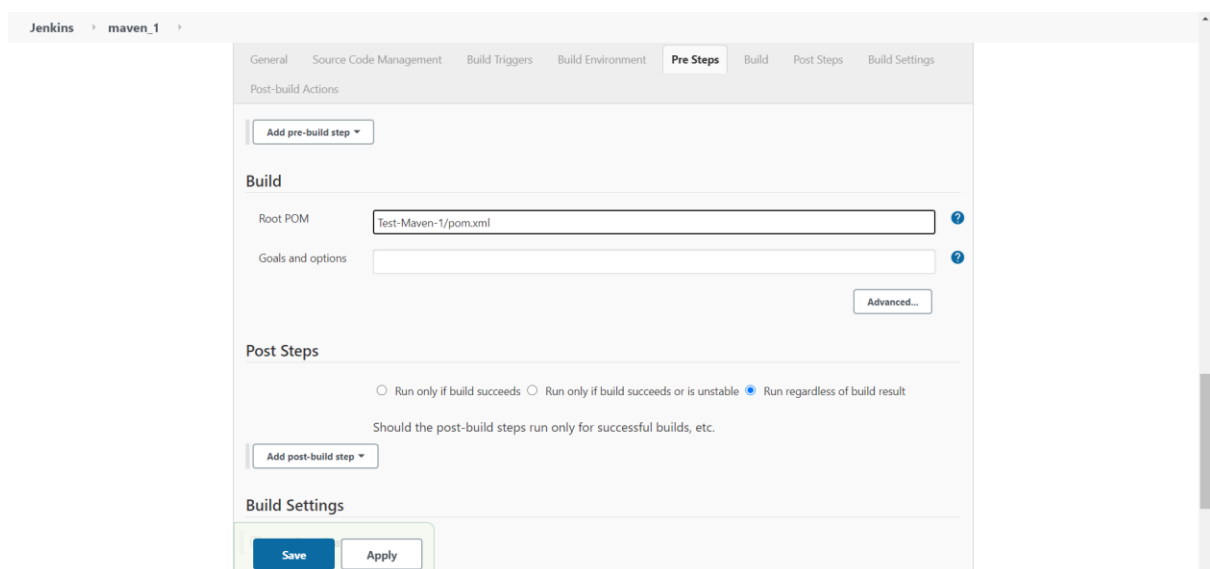
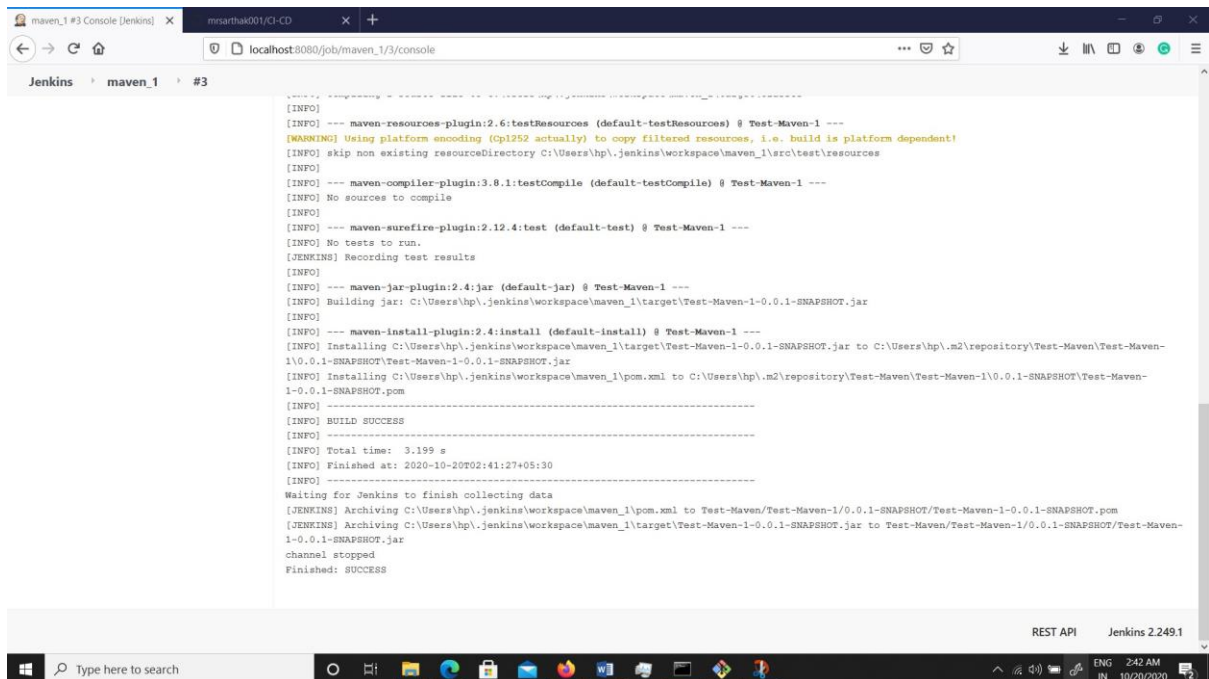LAB 6

- You would be redirected to a dashboard like this

- Click on Build Now option to build the project.
- Select the console output option to check how the build is running

- If the build runs successfully it would return "BUILD SUCCESS". It would return failure in case of any errors in the project