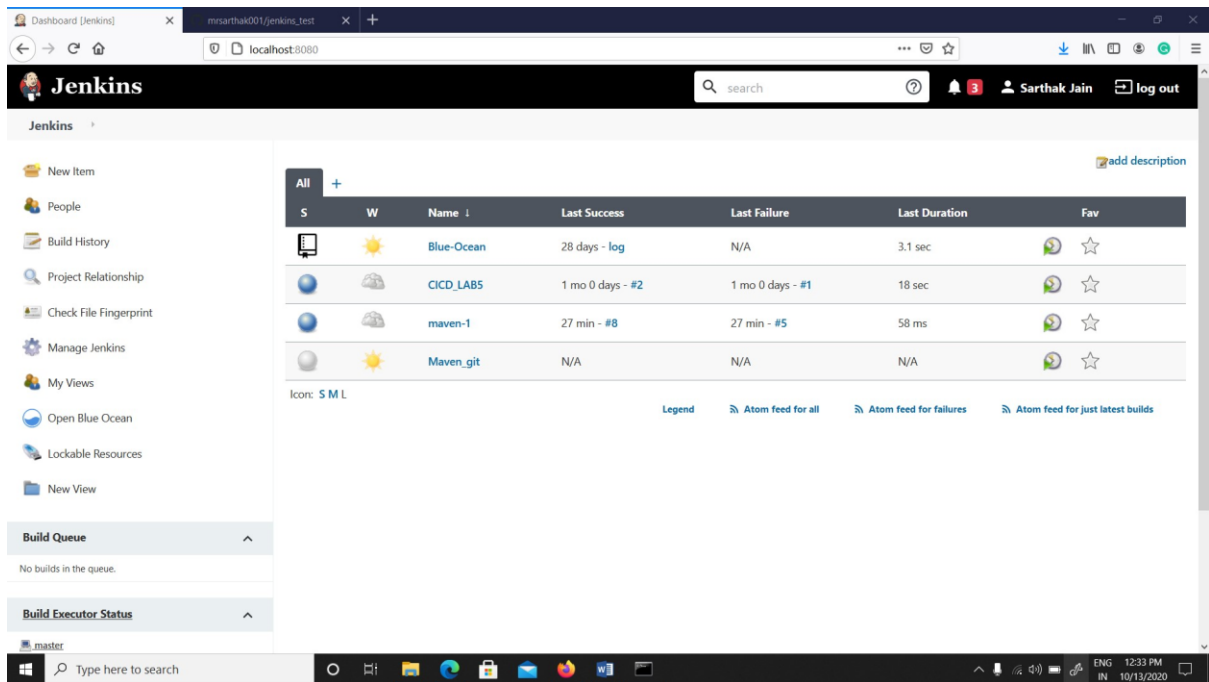


Jenkins integration with Github And Maven

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

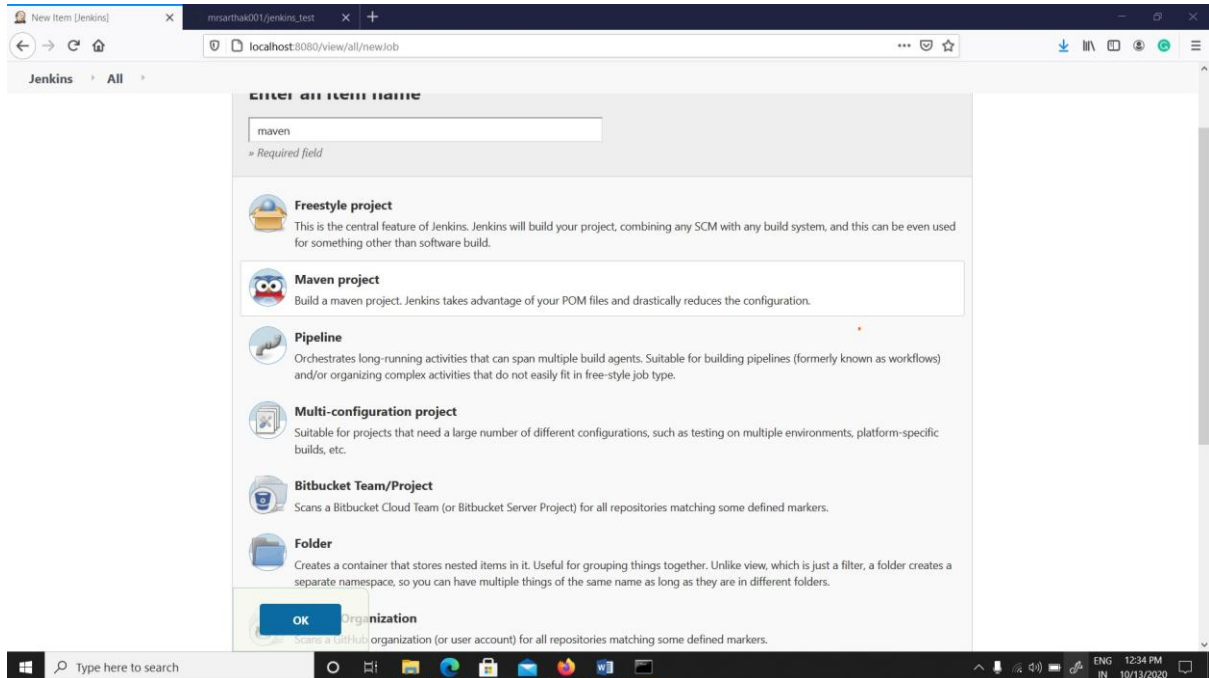


The screenshot shows the Jenkins dashboard in a web browser. The browser address bar displays `localhost:8080`. The Jenkins logo and name are at the top left. A search bar and user profile (Sarathak Jain) are at the top right. The left sidebar contains navigation links: New Item, People, Build History, Project Relationship, Check File Fingerprint, Manage Jenkins, My Views, Open Blue Ocean, Lockable Resources, and New View. The main area shows a table of jobs under the 'All' filter. The table has columns: S, W, Name, Last Success, Last Failure, Last Duration, and Fav. The jobs listed are Blue-Ocean, CICD_LAB5, maven-1, and Maven_git. Below the table, there are links for 'Icon: S M L', 'Legend', and 'Atom feed for all', 'Atom feed for failures', and 'Atom feed for just latest builds'.

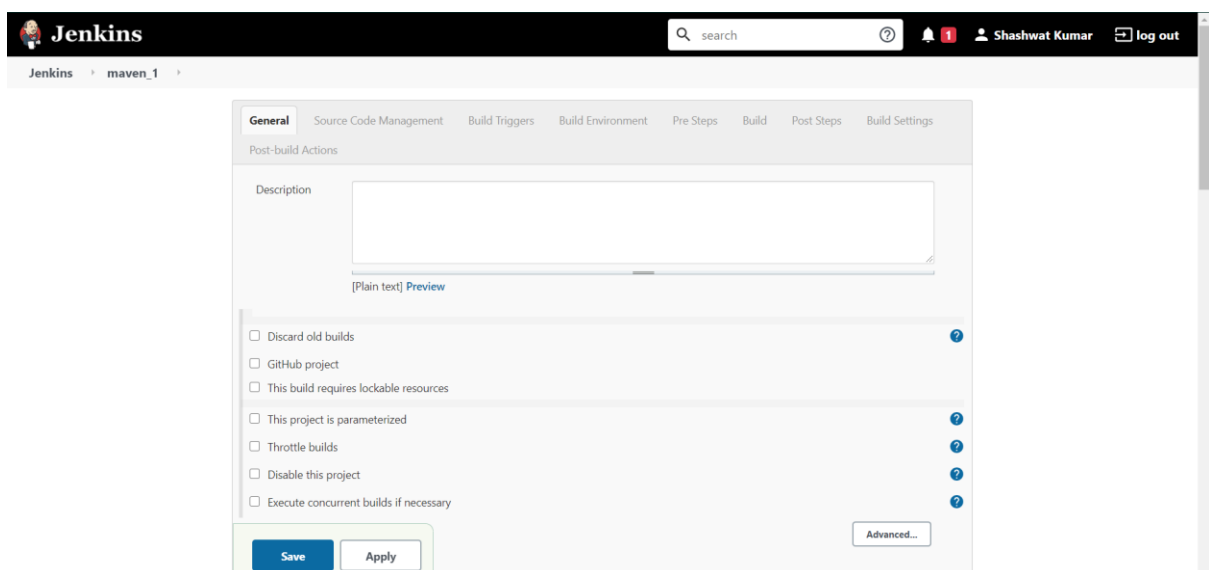
S	W	Name	Last Success	Last Failure	Last Duration	Fav
		Blue-Ocean	28 days - log	N/A	3.1 sec	
		CICD_LAB5	1 mo 0 days - #2	1 mo 0 days - #1	18 sec	
		maven-1	27 min - #8	27 min - #5	58 ms	
		Maven_git	N/A	N/A	N/A	

LAB-3

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

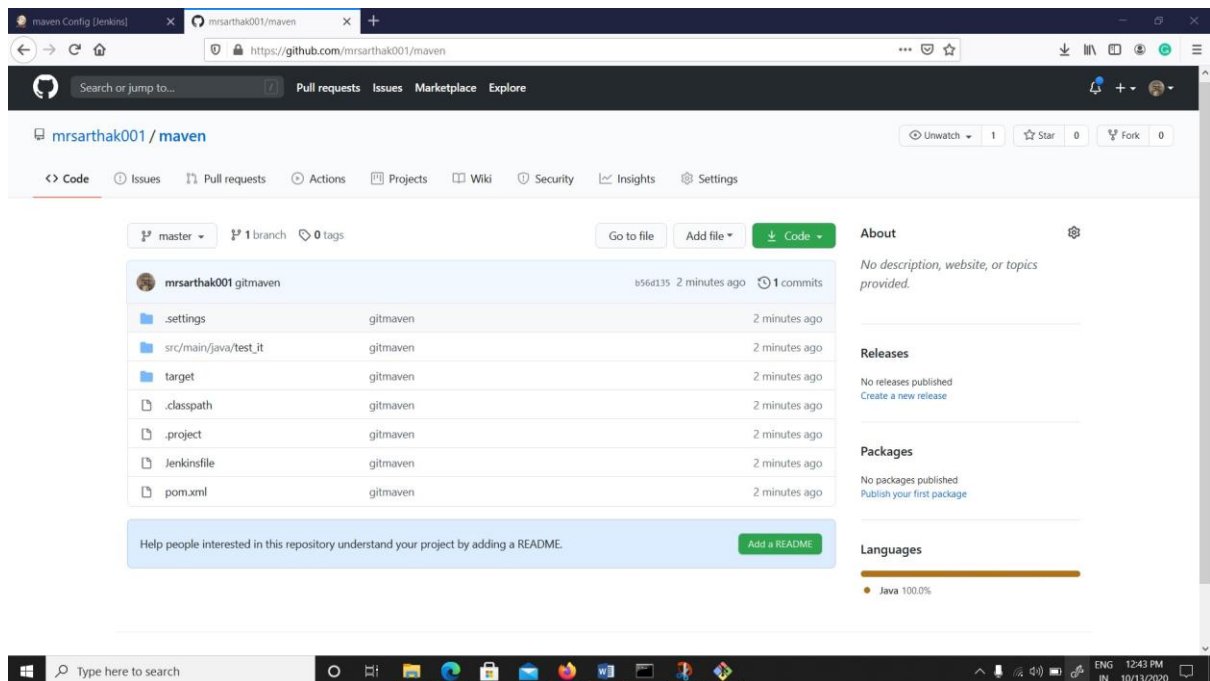


- You will be directed to a page similar to this.
- Click on the source code management tab to add the github repository

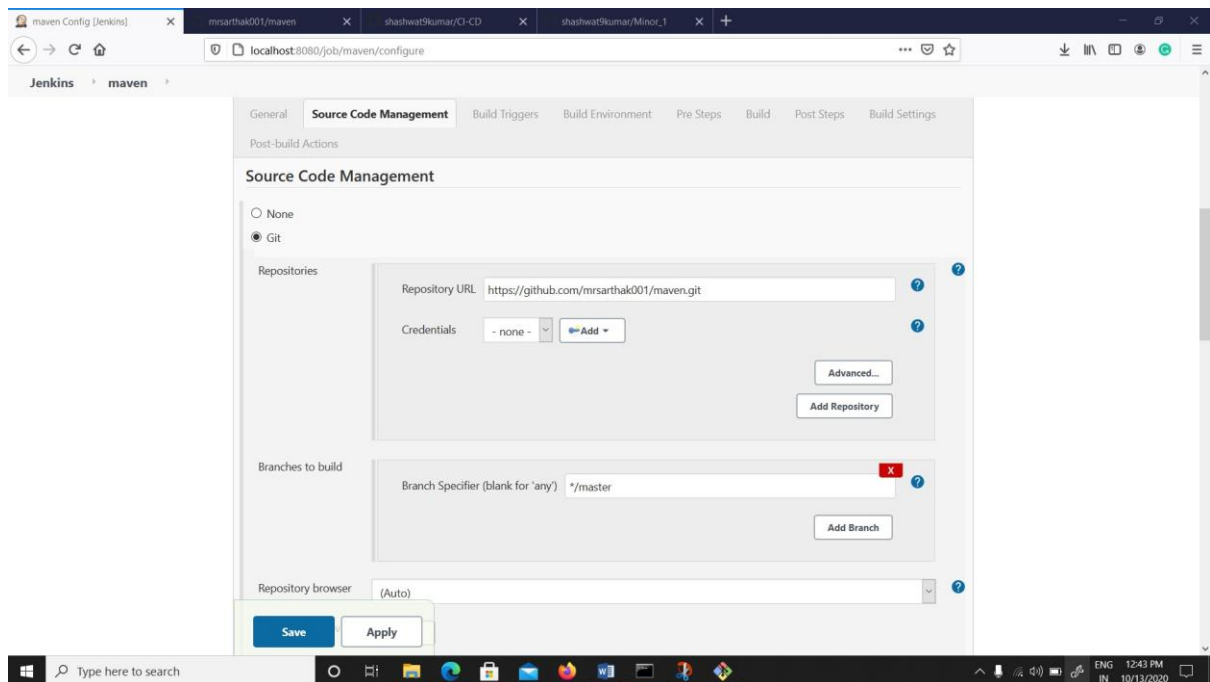


LAB-3

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

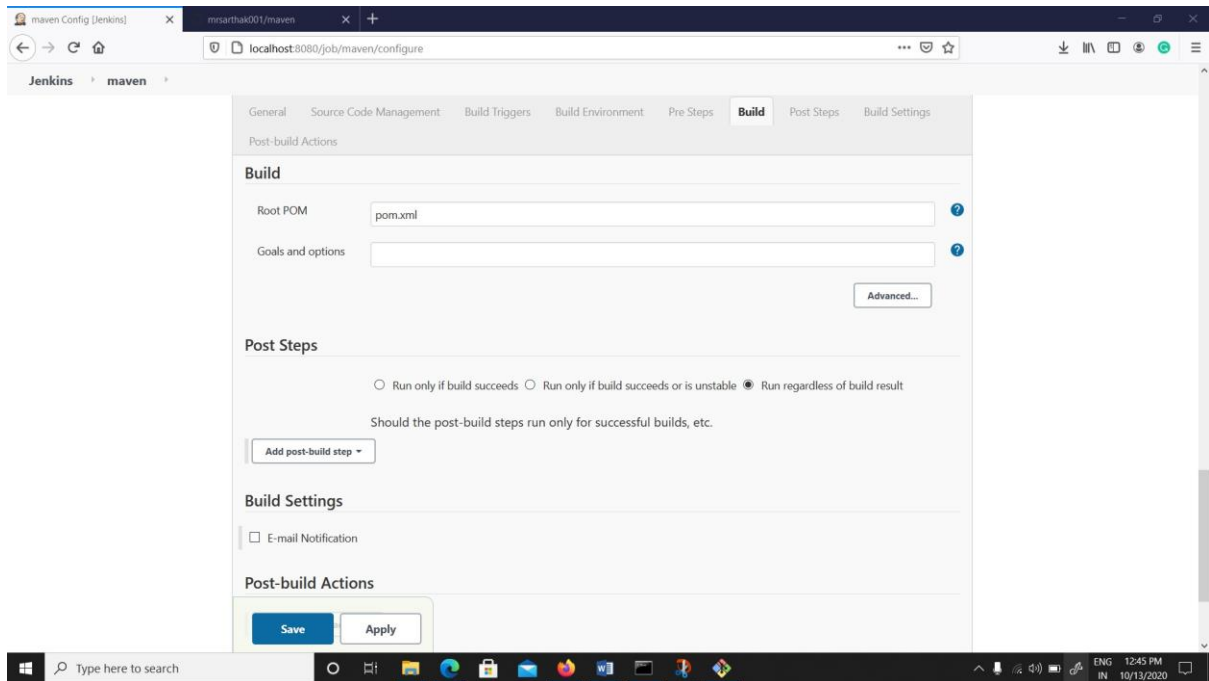


- In the Source Code Management Section select Git
- Give the repository location in the specified placeholder

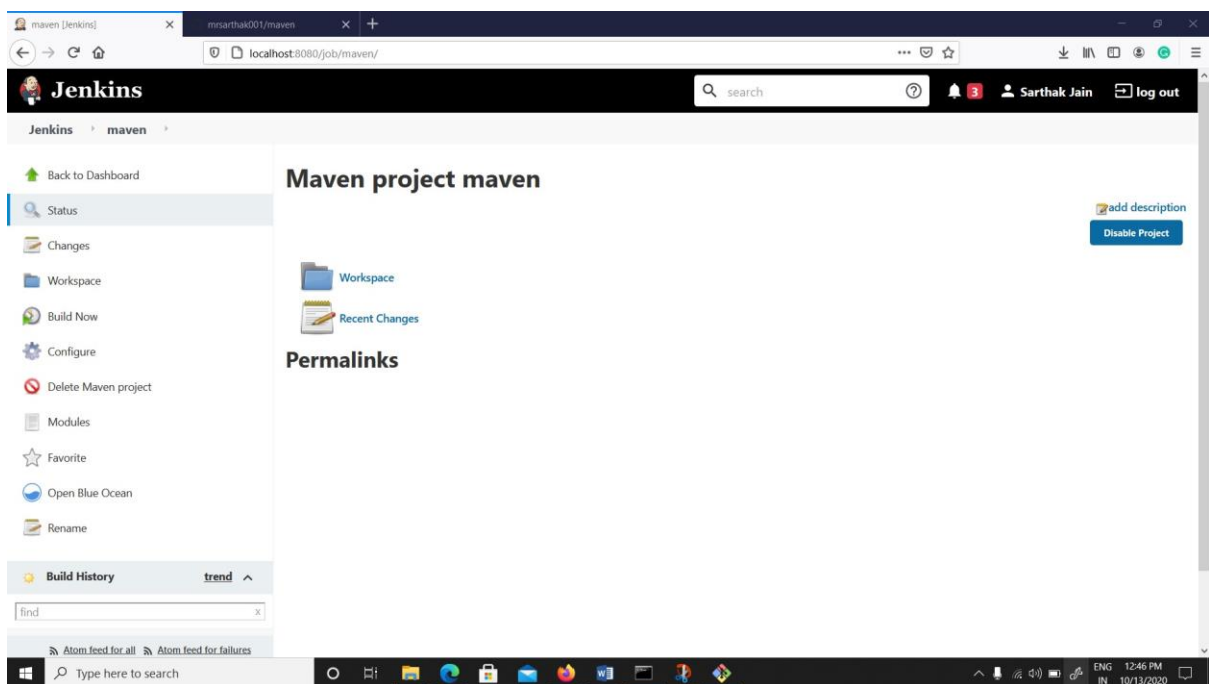


LAB-3

- 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

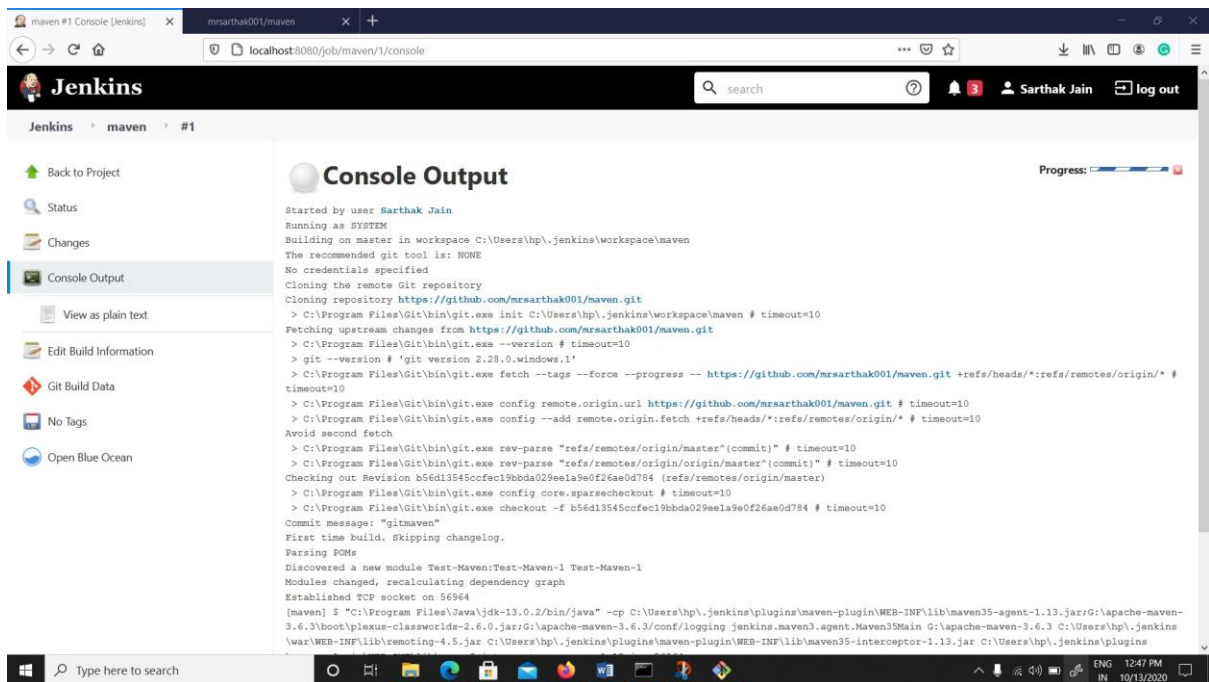


- You would be redirected to a dashboard like this



LAB-3

- 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

