**ASSIGNMENT 1**

Complete the following steps for implementing a CICD Pipeline

1. Create a Maven Project for a Calculator in Java

2. Push it in GitHub Repo.

3. Create a Jenkins Job to Make a Build of It using Maven.

4. Create a Docker Image for the build.

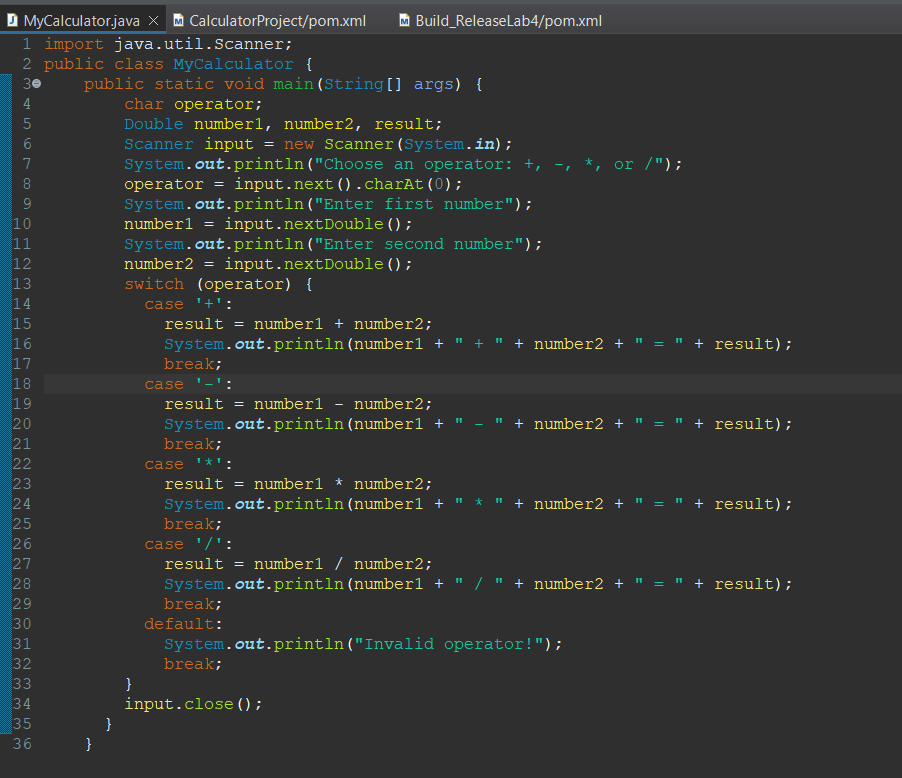
5. Push the Docker Image on DockerHub.

6. Pull the image

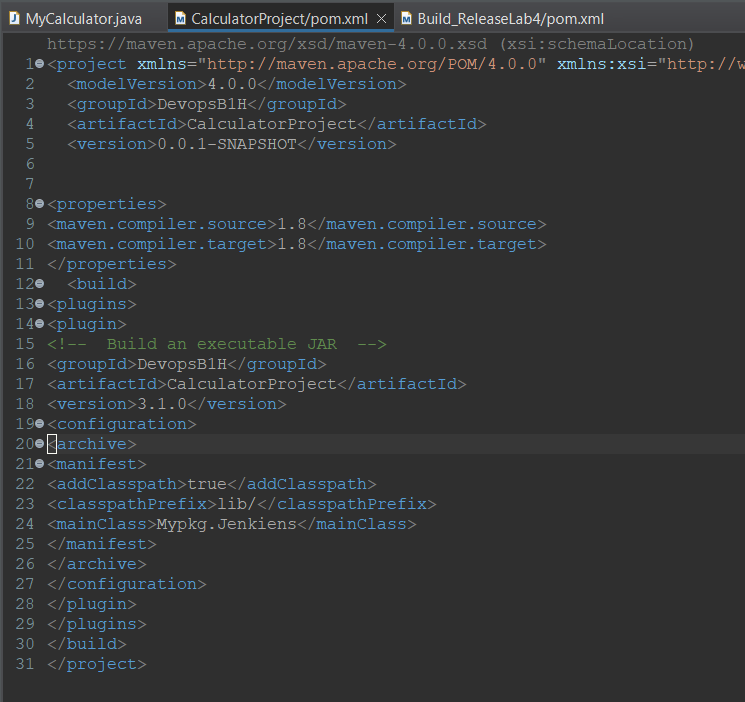
7. Create Docker Container

8. Run your application using Container.

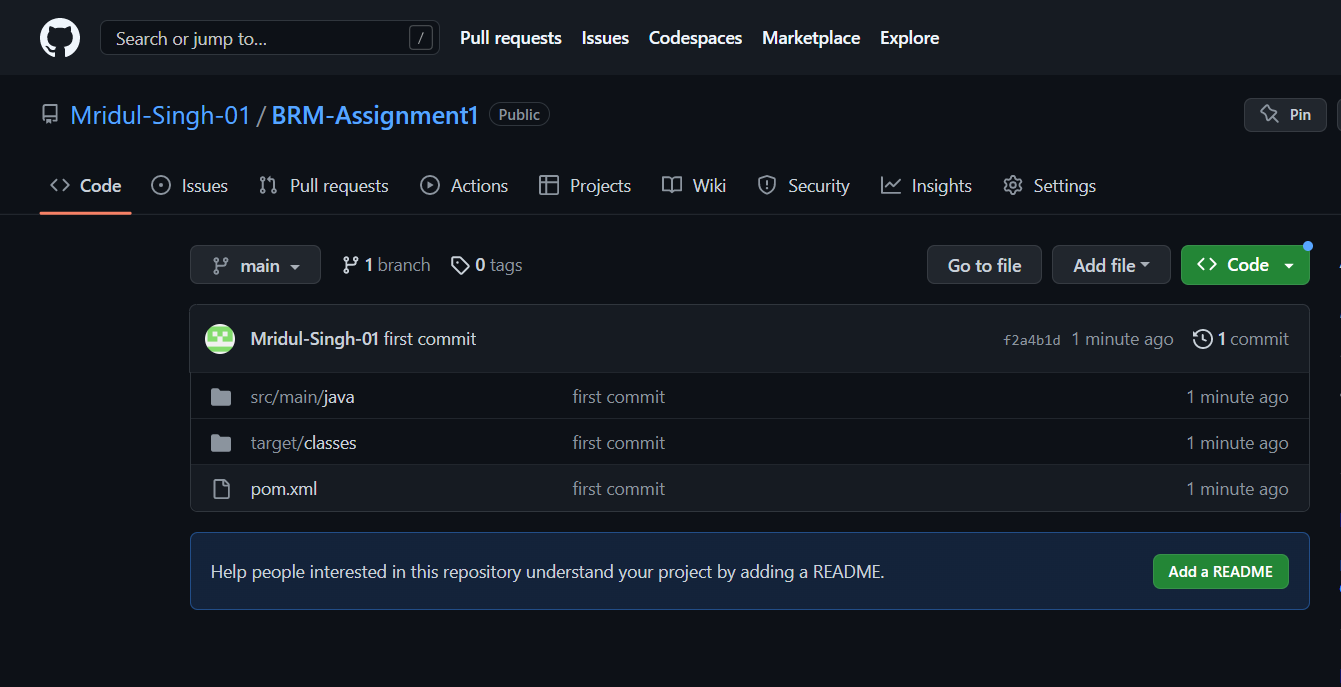
**Calculator Java Project**



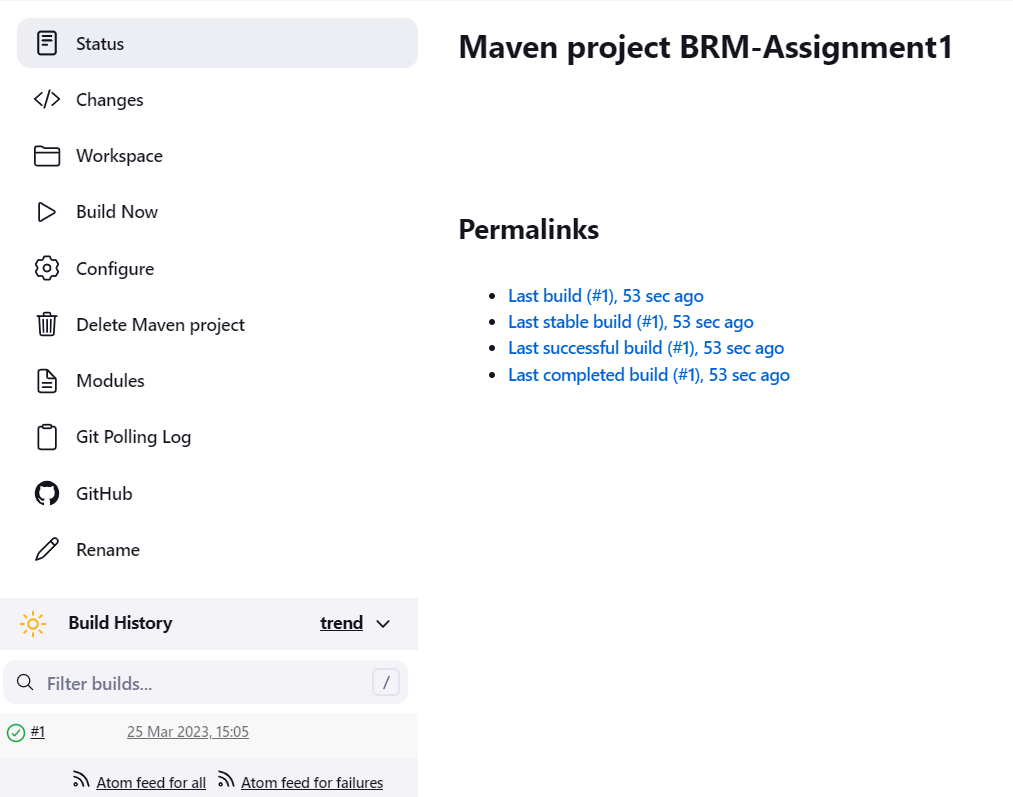
**POM File**



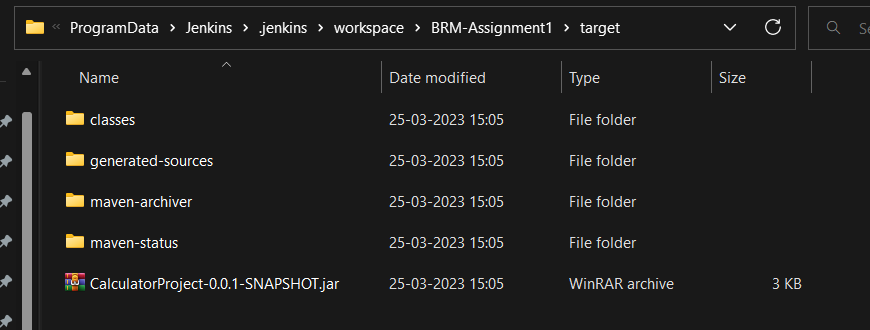
**Push It on Git Hub**



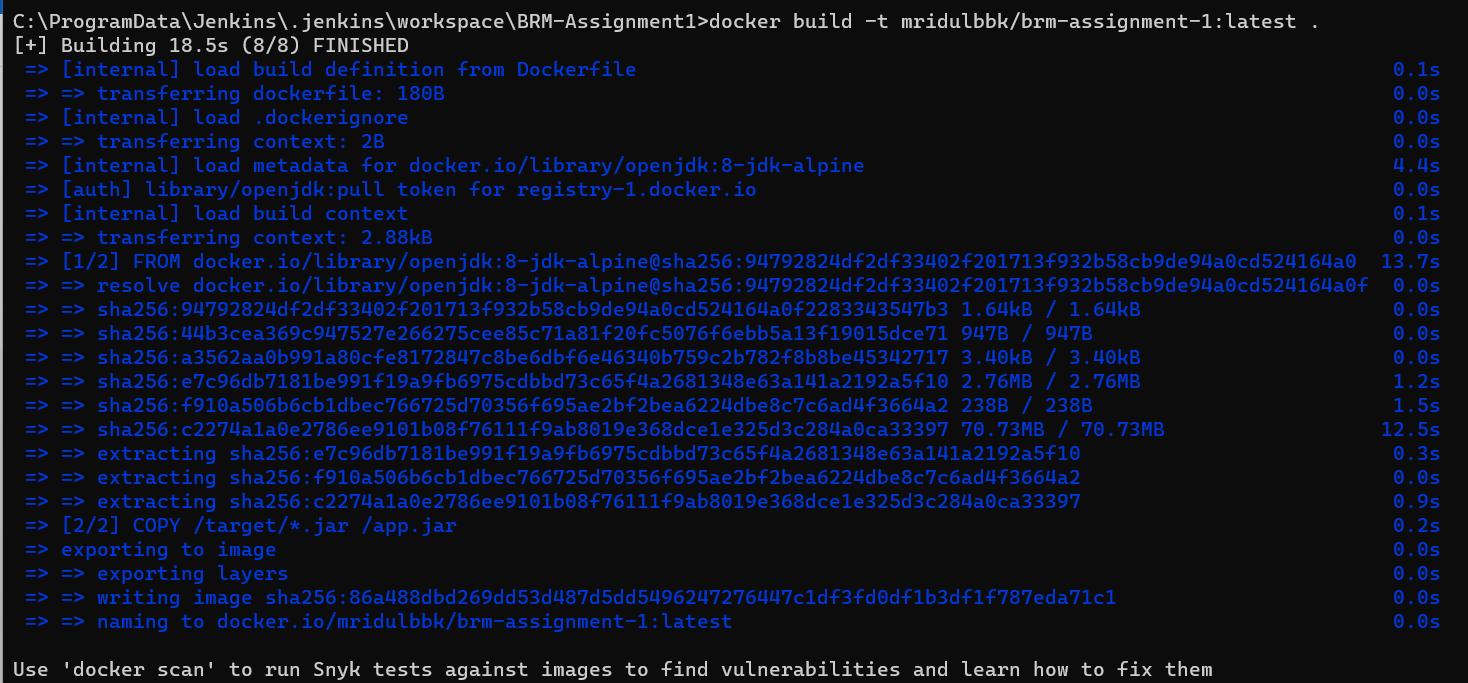
**With the help of Jenkins make the build**



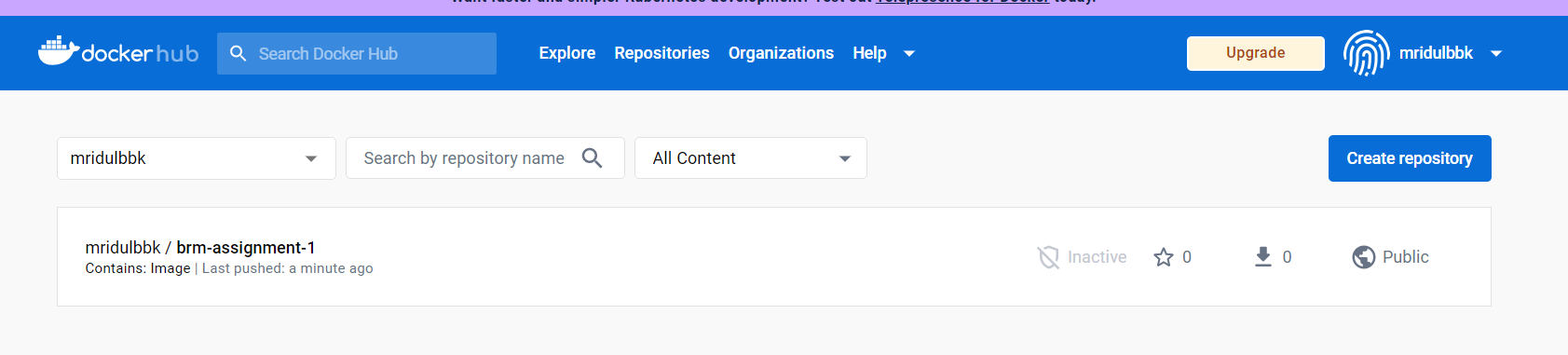
**Jar file is created**



**Make Docker Image**



**Push docker image to DockerHub and then pull image and run it.**



**Pull Docker image and run it using container .**

