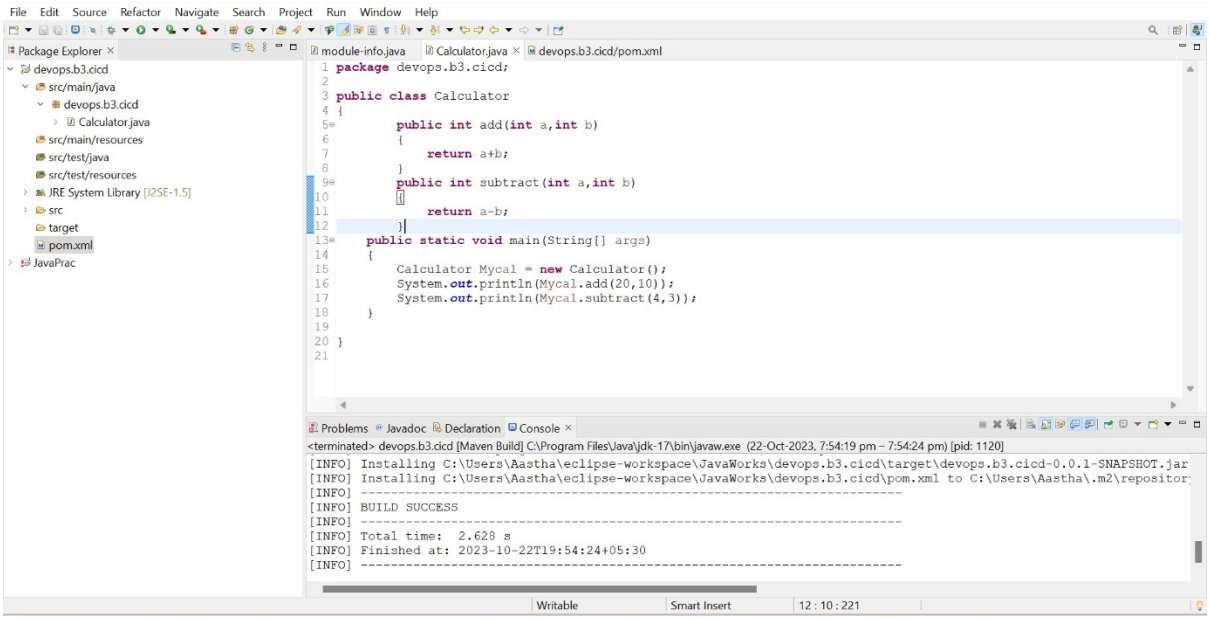
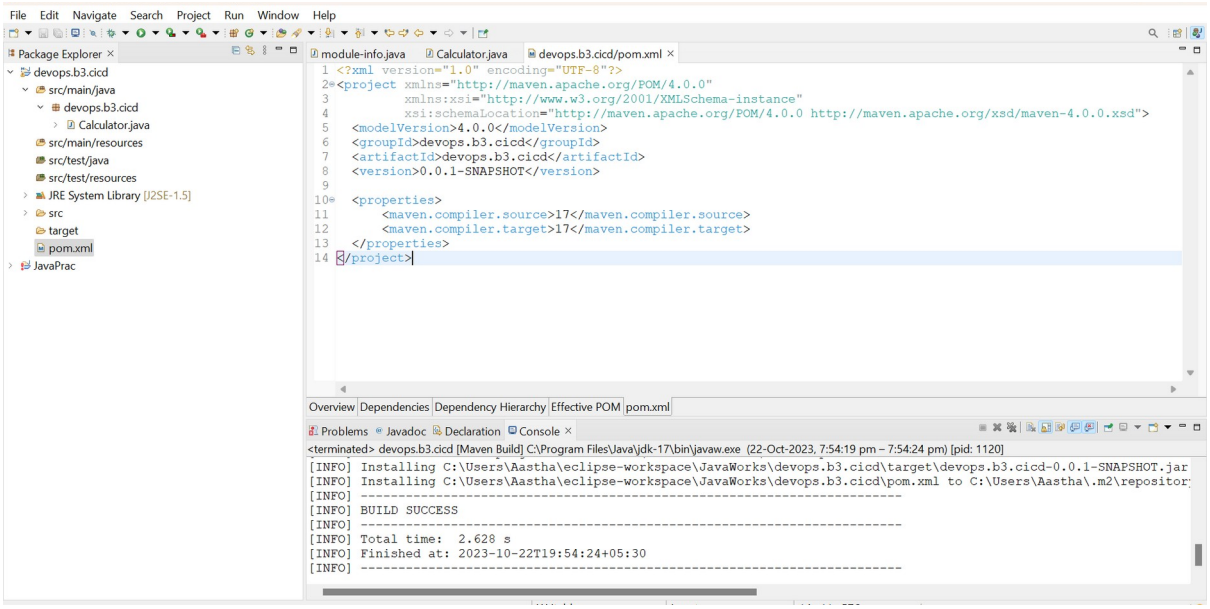
Lab-2

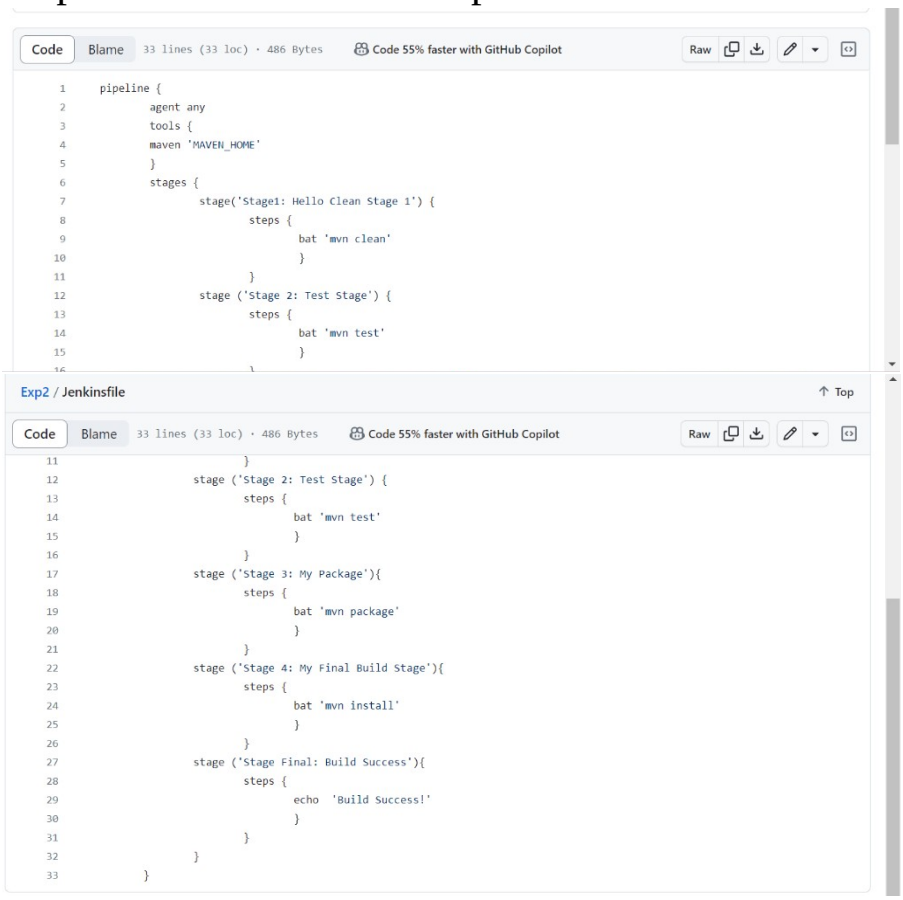
Creating Jenkins Pipeline with a Jenkins File

Step1 -> Create a simple maven project





Step 2 -> Then create a simple Jenkins file with defining pipeline



Code Blame 33 lines (33 loc) · 486 Bytes Code 55% faster with GitHub Copilot Raw

```
pipeline {
        agent any
        tools {
        maven 'MAVEN_HOME'
        }
        stages {
                stage('Stage1: Hello Clean Stage 1') {
                        steps {
                                bat 'mvn clean'
                                }
                        }
                stage ('Stage 2: Test Stage') {
                        steps {
                                bat 'mvn test'
                                }
```

Exp2 / Jenkinsfile ↑ Top

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```
                        }
                stage ('Stage 2: Test Stage') {
                        steps {
                                bat 'mvn test'
                                }
                        }
                stage ('Stage 3: My Package'){
                        steps {
                                bat 'mvn package'
                                }
                        }
                stage ('Stage 4: My Final Build Stage'){
                        steps {
                                bat 'mvn install'
                                }
                        }
                stage ('Stage Final: Build Success'){
                        steps {
                                echo  'Build Success!'
                                }
                        }
                }
        }
```

Step 3 → Now run it on Jenkins

```
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  5.062 s
[INFO] Finished at: 2023-12-03T14:03:24+05:30
[INFO] ------------------------------------------------------------------------
Waiting for Jenkins to finish collecting data
[JENKINS] Archiving /var/lib/jenkins/workspace/jenkins-lab1/pom.xml to devopsb3lab2/devopsb3lab2/0.0.1
SNAPSHOT/devopsb3lab2-0.0.1-SNAPSHOT.pom
[JENKINS] Archiving /var/lib/jenkins/workspace/jenkins-lab1/target/My-B3-CALC.jar to
devopsb3lab2/devopsb3lab2/0.0.1-SNAPSHOT/devopsb3lab2-0.0.1-SNAPSHOT.jar
channel stopped
Finished: SUCCESS
```

This run spent:

- 0.18 sec waiting;
- 16 sec build duration;
- 17 sec total from scheduled to completion.

Revision: 11cd2daf58b950fd34a2023dddafae6656aeb9c2
Repository: https://github.com/ArnimTaliyan/cicd-lab1.git

- refs/remotes/origin/main

Module Builds

devopsb3lab2 4.5 sec