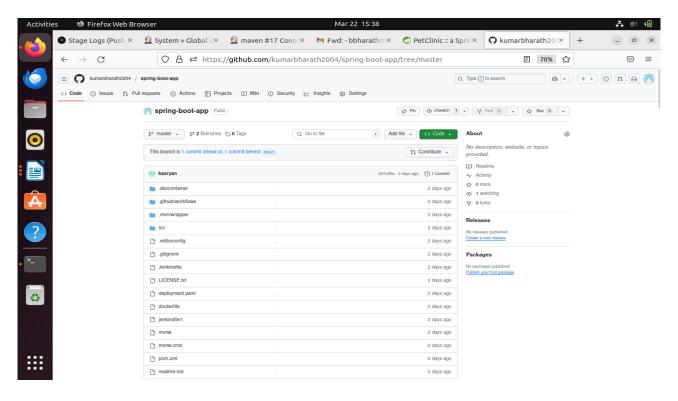
Task 5-Spring Boot with Maven & Tomcat in Docker

https://github.com/kumarbharath2004/spring-boot-app



Plugins:

Maven Integration plugin

Pipeline:

Maven plugin

Tools:

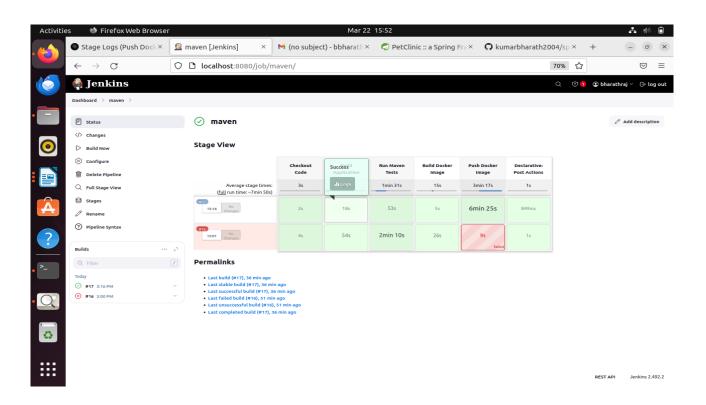
Use maven 3.9.8 and Maven Home as /opt/home

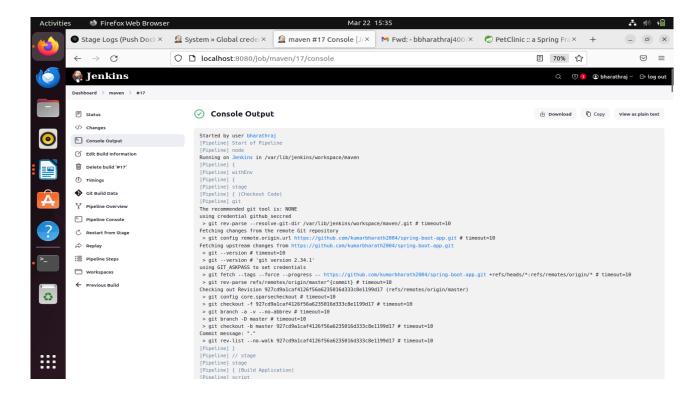
<u>Configure – pipeline:</u>

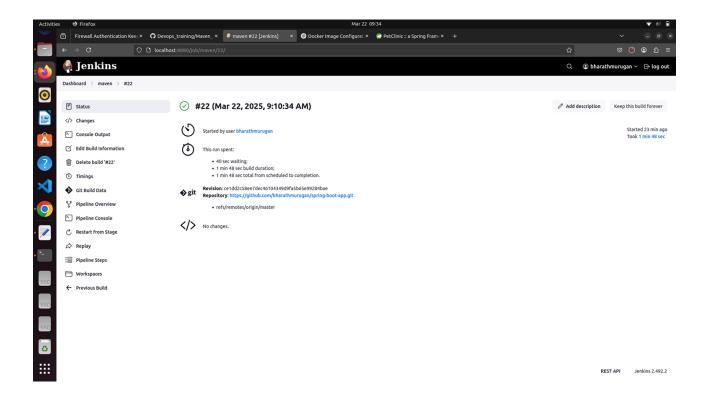
```
git credentialsId: GITHUB CREDENTIALS ID, url:
'https://github.com/kumarbharath2004/spring-boot-app.git', branch: 'master'
     }
    stage('Build Application') {
       steps {
         script {
           sh "${MAVEN_HOME}/bin/mvn clean package -DskipTests"
       }
     }
    stage('Run Maven Tests') {
       steps {
         script {
            catchError(buildResult: 'SUCCESS', stageResult: 'FAILURE') {
              sh "${MAVEN_HOME}/bin/mvn test"
         }
       }
     }
    stage('Build Docker Image') {
       steps {
         script {
            sh "docker build -t ${DOCKER_IMAGE}:${DOCKER_TAG} ."
         }
    stage('Push Docker Image') {
       steps {
         withDockerRegistry([credentialsId: DOCKER_CREDENTIALS_ID, url: "]) {
            sh "docker push ${DOCKER_IMAGE}:${DOCKER_TAG}"
         }
       }
     }
    // Uncomment this stage when Kubernetes deployment is ready
    // stage('Deploy to Kubernetes') {
         steps {
    //
           script {
             sh "
    //
    //
             chmod +x scripts/deploy.sh
    //
             ./scripts/deploy.sh
    //
    //
           }
    //
         }
    // }
  post {
       echo "

✓ Deployment Successful!"
    failure {
       echo "XDeployment Failed!"
```

```
}
}
```



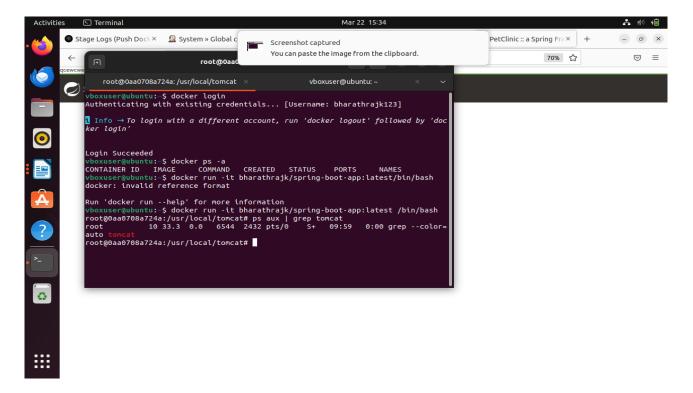


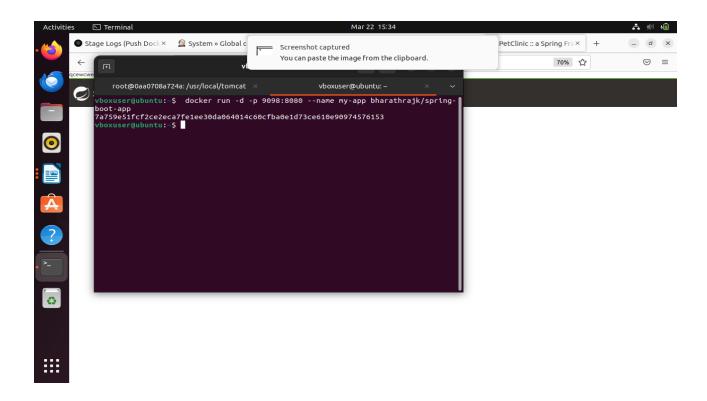


After build:

docker ps -a docker run -it bharathrajk/spring-boot-app:latest /bin/bash root@f5c4f8921dbf:/usr/local/tomcat# ps aux | grep tomcat

root@f5c4f8921dbf:/usr/local/tomcat# /usr/local/tomcat/bin/catalina.sh run





<u>In new terminal -</u>

docker run -d -p 9091:8080 bharathrajk/spring-boot-app:latest

