**CICD PIPELINE**

Complete CICD pipeline

go to vim /etc/sudoers

add this line

Jenkins ALL=NOPASSWD: ALL

Change permissions for jenkins to run docker commands:

chmod 777 /var/run/docker.sock

pipeline{

tools{

maven 'mymaven'

}

agent any

stages{

stage('clone repo'){

steps{

git 'https://github.com/Sonal0409/DevOpsCodeDemo.git'

}

}

stage('build the code'){

steps{

sh 'mvn clean install package'

}

}

stage('Build Image'){

steps{

sh 'docker build -t myimagejenkins .'

}

}

stage('Push image to dockerhub'){

steps{

sh 'docker tag myimagejenkins edu123/myimagejenkins:$BUILD\_NUMBER'

sh 'docker login --username edu123 --password Edureka@123'

sh 'docker push edu123/myimagejenkins:$BUILD\_NUMBER'

}

}

stage('Deploy in kube'){

steps{

kubernetesDeploy configs: 'kubedeploy.yml', kubeConfig: [path: ''], kubeconfigId: 'kube\_config', secretName: '', ssh: [sshCredentialsId: '\*', sshServer: ''], textCredentials: [certificateAuthorityData: '', clientCertificateData: '', clientKeyData: '', serverUrl: 'https://']

}

}

}

}