pipeline {

environment {

registry = 'sreeharshav/k8sjenkins'

registryCredential = 'dockerhub\_id'

dockerImage = ''

}

agent any

stages {

stage('Cloning our Git') {

steps {

git 'https://github.com/mavrick202/dockertest1.git'

}

}

stage('Building our image') {

steps {

script {

dockerImage = docker.build registry + ":v$BUILD\_NUMBER"

}

}

}

stage('Pushing Image to DockerHub') {

steps {

script {

docker.withRegistry( '', registryCredential ) {

dockerImage.push()

}

}

}

}

stage('Cleaning up') {

steps {

sh "docker rmi $registry:v$BUILD\_NUMBER"

}

}

stage('Deploying To K8S') {

steps {

sh 'ls -al'

sh 'kubectl apply -f k8sdeploy.yml'

sh "kubectl set image deployment/nginx-deployment nginx=$registry:v$BUILD\_NUMBER --record"

}

}

}

}

pipeline {

agent any

stages {

stage('Checkout') {

steps {

git credentialsId: 'GitHubAccess', url: 'https://github.com/mavrick202/k8sb03jenkins.git'

}

}

stage("Listing Repo Files") {

steps {

sh "pwd"

sh "ls -al"

}

}

stage("Deploying the Deployment YAML") {

steps {

sh "kubectl apply -f deployment.yaml"

sh "kubectl get po"

}

}

stage("Deploying the Service Yaml") {

steps {

sh "kubectl apply -f service.yaml"

sh "kubectl get svc"

}

}

stage("Verifying The Service") {

steps {

sh "sleep 60"

sh "curl -sL http://ec2-54-211-239-4.compute-1.amazonaws.com:31222/ || exit 1"

}

}

}

}