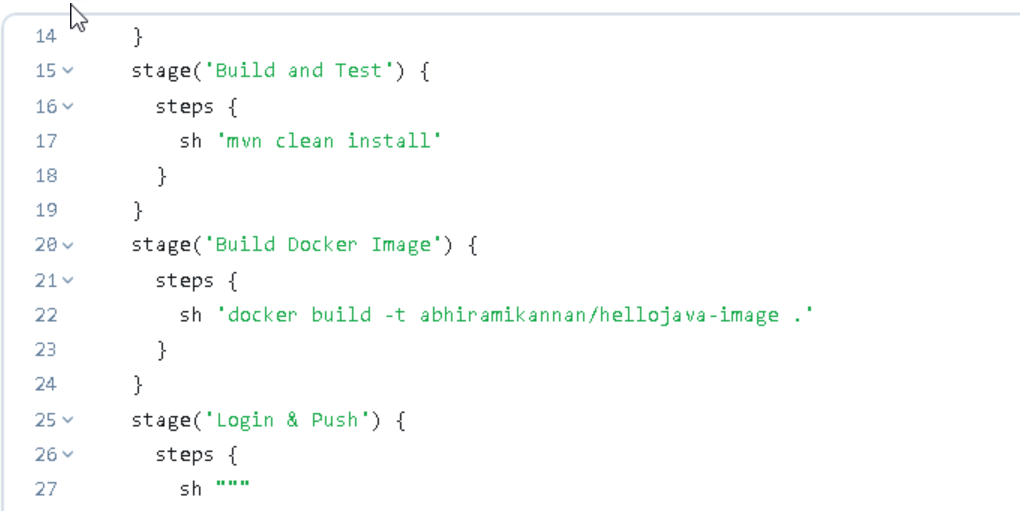
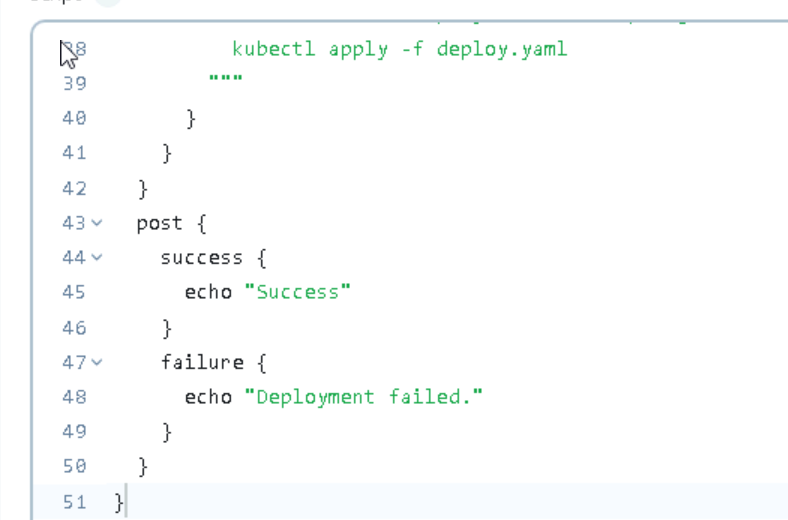
Jenkins

1.created a pipeline script which can create and push the image to docker hub and which can do the deployment and service









Full code:

===========================

pipeline {

 agent any

 environment {

  IMAGE\_NAME = "abhiramikannan/hellojava-image"

  TAG = "latest"

  DOCKER\_USER = "abhiramikannan"

  DOCKER\_PASS = "dckr\_pat\_vU0wMws\_1JpH2k9gX1ikOoEUaoA"

 }

 stages {

  stage('Checkout') {

   steps {

    git url: 'https://github.com/Abhiramikannan/hello1springboot.git', branch: 'main'

   }

  }

  stage('Build and Test') {

   steps {

    sh 'mvn clean install'

   }

  }

  stage('Build Docker Image') {

   steps {

    sh 'docker build -t abhiramikannan/hellojava-image .'

   }

  }

  stage('Login & Push') {

   steps {

    sh """

     docker login -u $DOCKER\_USER -p $DOCKER\_PASS

     docker push $IMAGE\_NAME

    """

   }

  }

  stage('Deploy to Kubernetes') {

   steps {

    sh """

     kubectl delete deployment --all

     kubectl create deployment hello1springboot --image=$IMAGE\_NAME:$TAG --dry-run=client -o yaml > deploy.yaml

     kubectl apply -f deploy.yaml

    """

   }

  }

 }

 post {

  success {

   echo "Success"

  }

  failure {

   echo "Deployment failed."

  }

 }

2. output: success