TASK 5

PIPELINE SCRIPT

```
pipeline {
  agent any
  environment {
    DOCKER_IMAGE = "dharsinijegadeesan/maven"
    DOCKER_TAG = "latest"
    DOCKER_CREDENTIALS_ID = "docker"
    GITHUB_CREDENTIALS_ID = "github_seccred"
    KUBECONFIG = "/var/lib/jenkins/.kube/config"
    MAVEN_HOME = "/opt/maven" // Set the correct Maven path
  }
  stages {
    stage('Checkout Code') {
      steps {
        git credentialsId: GITHUB_CREDENTIALS_ID, url:
'https://github.com/dharsinijagadeesan/Task5-DevOps.git', branch: 'main'
      }
    }
    stage('Build Application') {
      steps {
        script {
          sh "${MAVEN_HOME}/bin/mvn clean package -DskipTests"
        }
      }
```

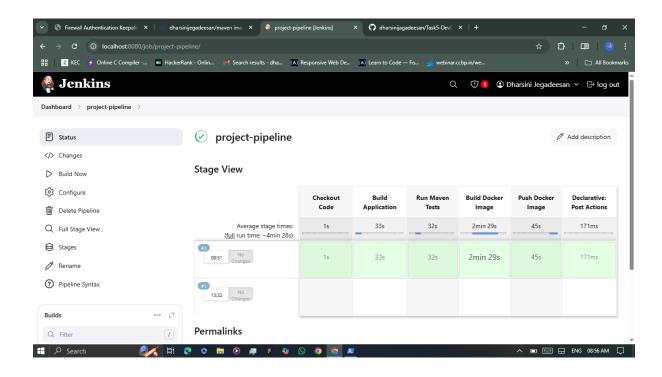
```
}
stage('Run Maven Tests') {
  steps {
    script {
      catchError(buildResult: 'SUCCESS', stageResult: 'FAILURE') {
        sh "${MAVEN_HOME}/bin/mvn test"
      }
    }
  }
}
stage('Build Docker Image') {
  steps {
    script {
      sh "docker build -t \{DOCKER\_IMAGE\}: \{DOCKER\_TAG\}."
    }
  }
}
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 {
  success {
    echo "? Deployment Successful!"
  }
  failure {
    echo "

Deployment Failed!"
  }
}
```

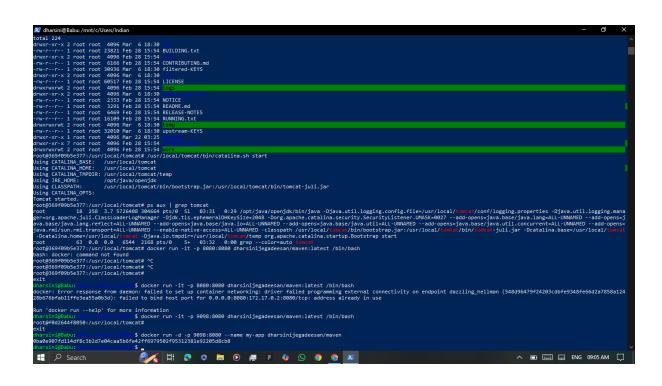
}

BUILD THE PIPELINE:

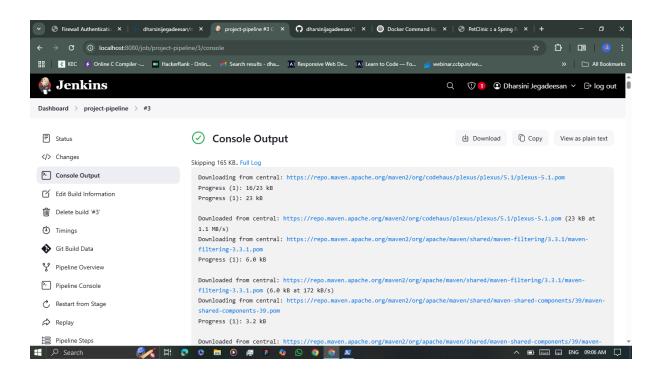


AFTER BUILD:

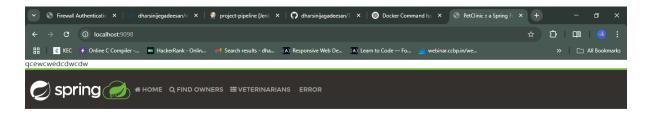
```
### damnin@babu /mmt/Uben/indian ### December 5.00 | According to the processor of the proc
```



BUILD SUCCESS OUTPUT:



FINAL OUTPUT:



???welcome Aranganathan 79998wdd???





