**Setting Up a Jenkins Pipeline**

**Pipeline Script -**

pipeline{

agent any

stages {

stage('Checkout from GitHub') {

steps {

git branch: 'master', url: " https://github.com/SagarKhuba/Java.git"

}

}

stage('Maven Build') {

steps {

dir('DeployAppCloud') {

bat "mvn -Dmaven.test.skip=true clean package"

}

}

}

stage('Docker Image Creation') {

steps {

dir('DeployAppCloud') {

bat "docker build -t spring-cloud --output type=docker ."

}

}

}

stage('Docker Hub Push') {

steps {

withCredentials([usernamePassword(credentialsId: 'DockerHub', usernameVariable: 'DOCKER\_HUB\_USERNAME', passwordVariable: 'DOCKER\_HUB\_PASSWORD')]) {

bat "docker login -u %DOCKER\_HUB\_USERNAME% -p %DOCKER\_HUB\_PASSWORD%"

bat "docker tag spring-cloud sagarkhuba /spring-cloud"

bat "docker push sagarkhuba/spring-cloud"

}

}

}

}

}





