pipeline {

agent any

environment{

DIRECTORY\_PATH= "C:/Users/tpsld/GIT\_CODE"

TESTING\_ENVIRONMENT= "AWS EC1 instance"

PRODUCTION\_ENVIRONMENT= "AWS EC2 instance"

}

stages {

stage('Build') {

steps {

echo "The tool used for the build of the code is Gradle"

}

}

stage('Unit and Integration Tests') {

steps {

echo "The tool used for the Unit and Integration Testing of the code is GATLING"

}

}

stage('Code Analysis') {

steps {

echo 'Do the code analysis'

echo "The tool used for the Code Analysis of the code is CodeScene"

}

}

stage('Security Scan') {

steps {

echo 'performing security scan'

echo "The tool used for the Security Scan of the code is Netsparker"

}

post{

success{

emailext body: 'Stage Status of security scan: Success',

to: 'porwalnitay26@gmail.com',

subject: ' Jenkins file run status - Success'

}

failure {

emailext to: "porwalnitay26@gmail.com",

subject: "Jenkins file run status - Failed",

body: "Stage Status of security scan: Failure"

}

}

}

stage('Deploy to staging') {

steps {

echo "Deployed to staging ...: $TESTING\_ENVIRONMENT"

}

}

stage('Integration Tests on Staging') {

steps {

echo 'This is the Approval stage'

sleep 10

}

post{

success{

emailext to: "porwalnitay26@gmail.com",

body: " Stage Status of Integration Test on Staging",

subject: "Jenkin file run status : Success"

}

failure {

emailext to: "porwalnitay26@gmail.com",

body: "Stage status of Integration Test on Staging",

subject: " Jenkin file run status : Success"

}

}

}

stage('Deploy to Production') {

steps {

echo "$PRODUCTION\_ENVIRONMENT"

}

post{

success{

emailext attachLog: true,

compressLog: true,

to: 'porwalnitay26@gmail.com',

body: 'Build log can be checked : $JENKINS\_HOME/jobs/$JOB\_NAME/builds/lastSuccessfulBuild/log',

subject: 'Jenkins file run status : Success '

}

failure {

emailext attachLog: true,

compressLog: true,

to: 'porwalnitay26@gmail.com',

body: 'Build log can be checked : $JENKINS\_HOME/jobs/$JOB\_NAME/builds/lastSuccessfulBuild/log',

subject: " Jenkins file run status : Failed"

}

}

}

}

}