DEVOPS PROJECT

NAME: S.VenkateswaraReddy

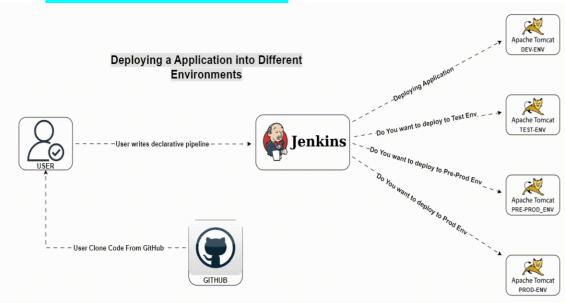
EMAIL: singareddyv91@gmail.com

MOBILE NO: 9491029062 **BATCH NO:** 3PM, B-113

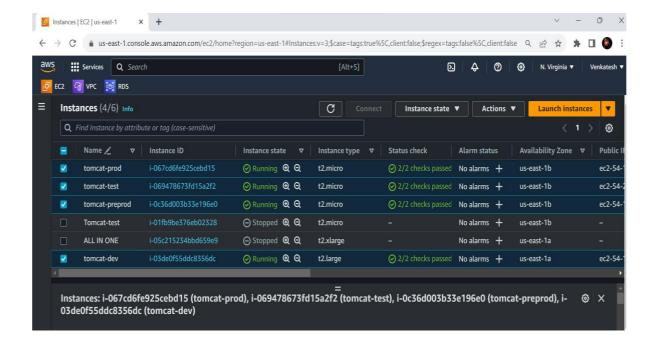
COURSE: DevOps and Multi-Cloud

TRAINER NAME: V. MADHUKAR REDDY

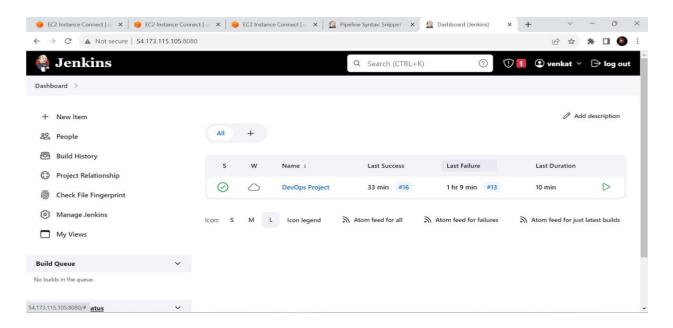
Project: DEPLOY AN APPLCATION IN DIFFERENT TOMCAT ENVIRONMENTS



Create Instances In AWS



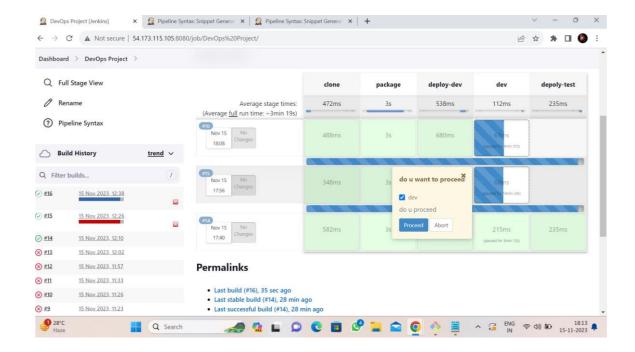
Create a job with pipeline:



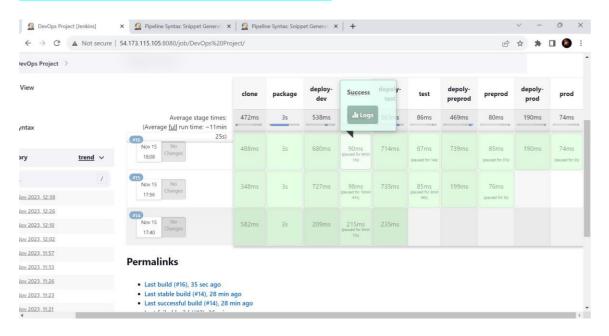
Write a pipeline syntax:

```
pipeline {
  agent any
  stages{
    stage('clone'){
      steps{
        git 'https://github.com/Singareddy-Venkatesh/dockerjenkin.git'
      }
    }
    stage('package'){
      steps{
        sh 'mvn package'
      }
    }
    stage('deploy-dev'){
      steps{
        deploy adapters: [tomcat9(credentialsId: 'tomcat', path: '', url:
'http://54.173.115.105:8081')], contextPath: 'dev', war: '**/*.war'
      }
    }
    stage('dev'){
      steps{
        input (
          message: 'do u want to proceed',
          parameters: [booleanParam(defaultValue: true, description: 'do u
proceed', name: 'dev')]
      }
    }
    stage('depoly-test'){
      steps{
        deploy adapters: [tomcat9(credentialsId: 'tomcat', path: '', url:
'http://54.227.67.116:8081')], contextPath: 'test', war: '**/*.war'
      }
    }
 stage('test'){
      steps{
        input (
          message: 'do u want to proceed',
          parameters: [booleanParam(defaultValue: true, description: 'do u
proceed', name: 'dev')]
```

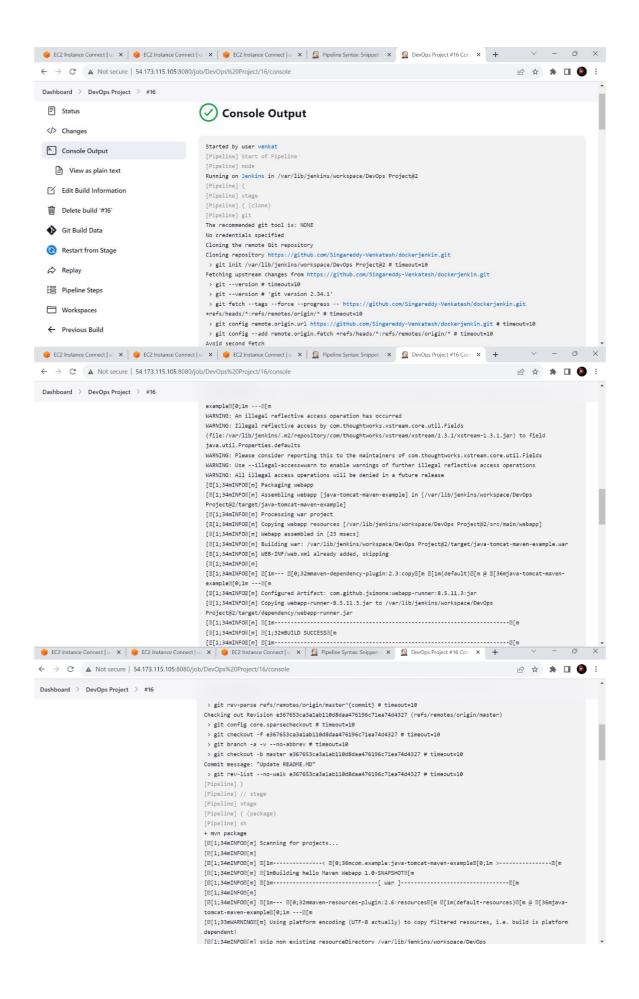
```
)
      }
    stage('depoly-preprod'){
      steps{
        deploy adapters: [tomcat9(credentialsId: 'tomcat', path: '', url:
'http://54.152.153.114:8081')], contextPath: 'preprod', war: '**/*.war'
      }
    }
    stage('preprod'){
      steps{
        input (
          message: 'do u want to proceed',
          parameters: [booleanParam(defaultValue: true, description: 'do u
proceed', name: 'dev')]
      }
    }
    stage('depoly-prod'){
      steps{
        deploy adapters: [tomcat9(credentialsId: 'tomcat', path: '', url:
'http://54.160.185.210:8081')], contextPath: 'prod', war: '**/*.war'
      }
    }
    stage('prod'){
      steps{
        input (
          message: 'do u want to proceed',
          parameters: [booleanParam(defaultValue: true, description: 'do u
proceed', name: 'dev')]
      }
    }
  }
}
```

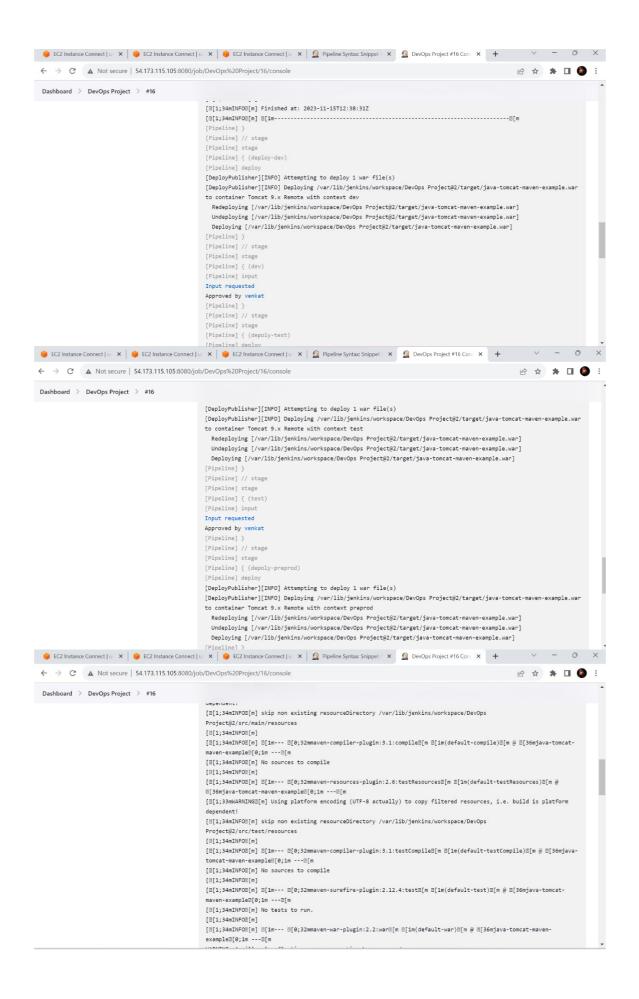


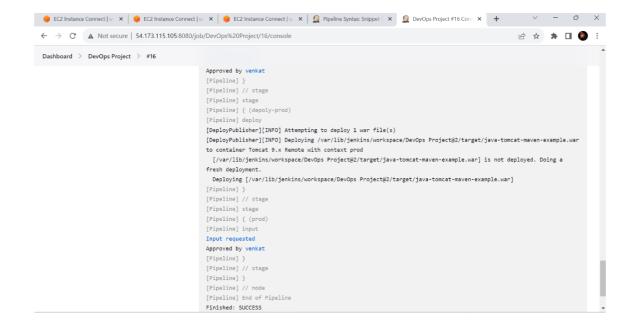
Finally, ALL Stages Successfully Completed



Console Output

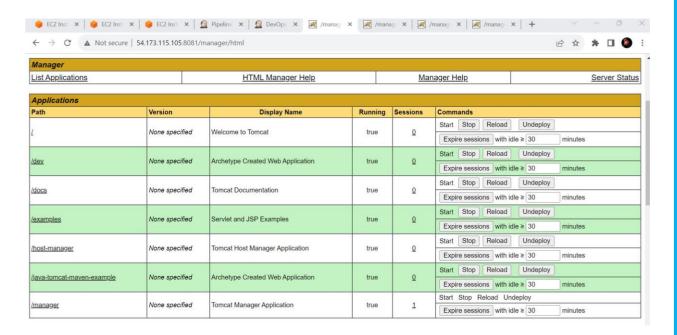




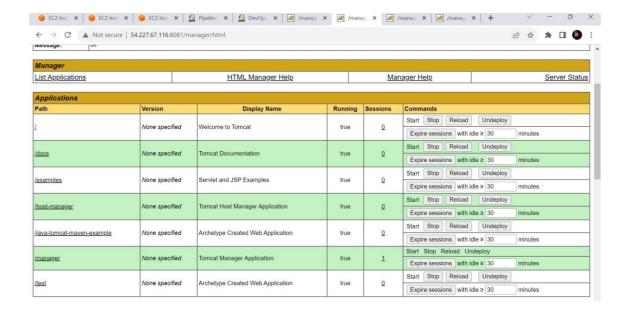


Final Stage: Deployed in tomcat servers

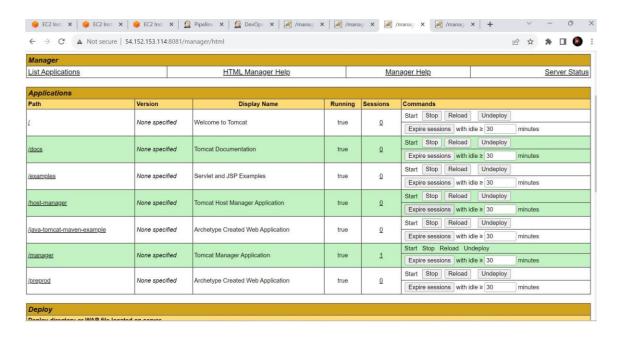
DEV ENVIRONMENT



Test Environment



PRE-PROD ENVIRONMENT



PROD ENVIRONMENT



