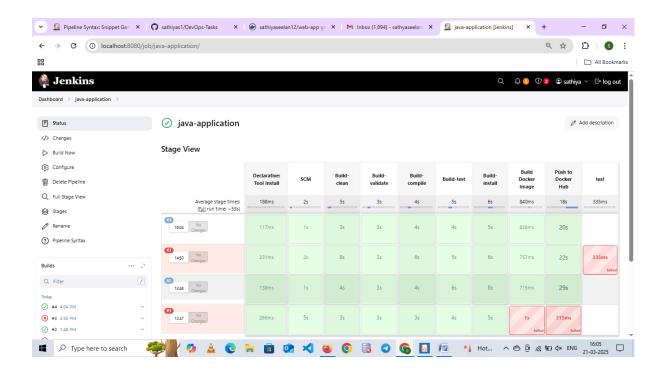
DevOps-Day 06 : Final-Project

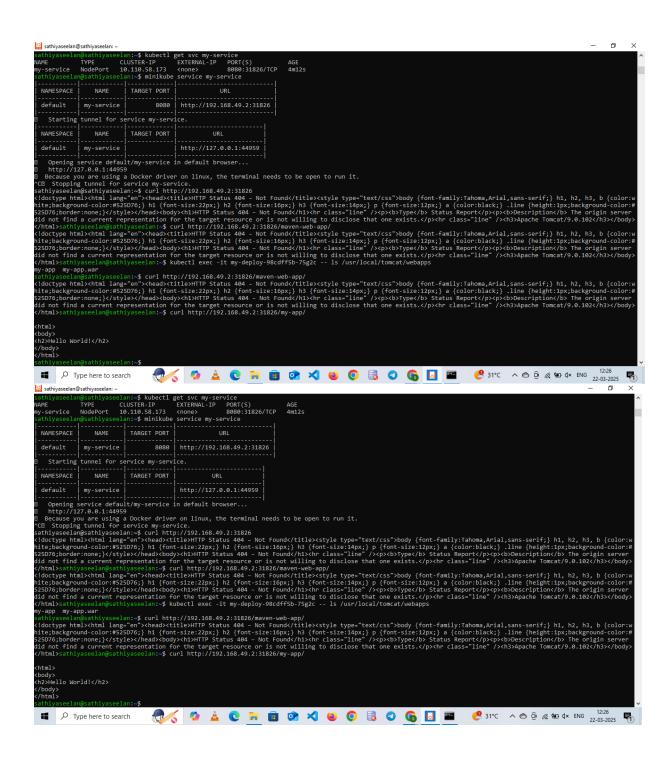
Java-application in MiniKube

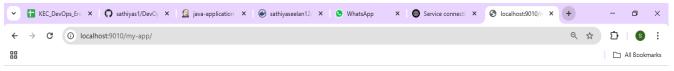
```
Command:
minikube start
kubectl get endpoints my-service
curl http://192.168.49.2:31826/my-app/
kubectl port-forward svc/my-service 9010:8080
Pipeline:
pipeline {
  agent any
  tools{maven "maven"}
  environment {
    DOCKER_CREDENTIALS = credentials('docker_cred')
 }
  stages {
    stage('SCM') {
      steps {
        git branch: 'main', url: 'https://github.com/sathiyas1/guvi-day1.git'
      }
    }
    stage('Build-clean') {
      steps {
        sh "mvn clean"
      }
    }
```

```
stage('Build-validate') {
  steps {
    sh "mvn validate"
  }
}
   stage('Build-compile') {
  steps {
    sh "mvn compile"
  }
}
   stage('Build-test') {
  steps {
    sh "mvn test"
  }
}
   stage('Build-install') {
  steps {
    sh "mvn install"
  }
}
stage('Build Docker Image') {
  steps {
    script {
      sh 'docker build -t sathiyaseelan12/web-app .'
    }
  }
```

```
}
    stage('Push to Docker Hub') {
      steps {
        script {
           docker.withRegistry('https://index.docker.io/v1/', 'docker_cred') {
             sh 'docker push sathiyaseelan12/web-app'
           }
        }
      }
    }
    //stage('test') {
     // steps {
      // withKubeConfig(caCertificate: ", clusterName: 'minikube', contextName:
'minikube', credentialsId: 'minikube_cred', namespace: '', restrictKubeConfigAccess: false,
serverUrl: 'https://192.168.39.226:8443')
       // sh 'kubectl apply -f deployment.yml --validate=false'
    // }}
  }
}
```







Hello World!

