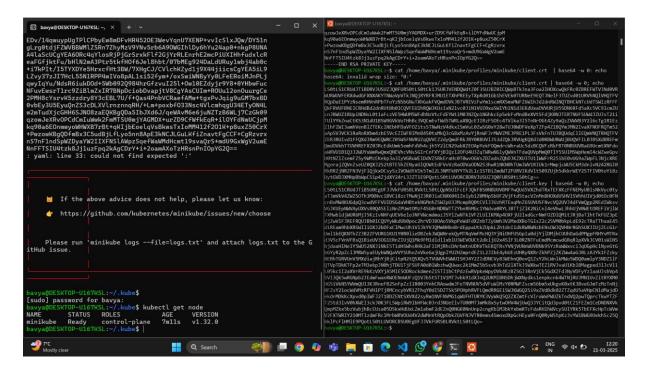
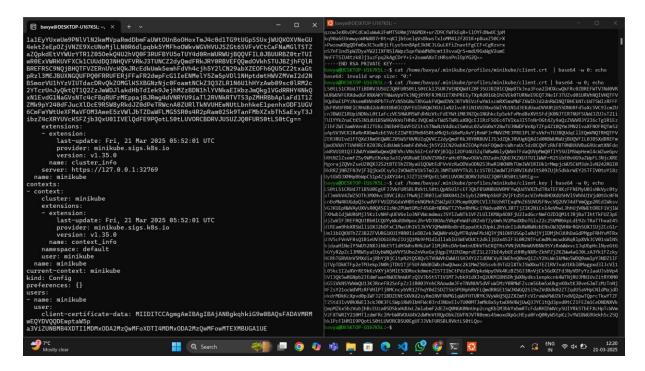
DEVOPS

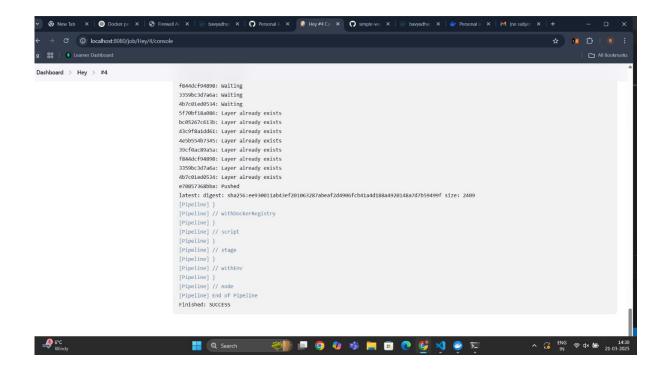
DAY - 5



Deployment of Yml



sudo vi config



JavaApplication Success Output



Stage View of Output

```
C (i) localhost:8080/job/Ja
                                                                                                                                                                                               ☆ 🗓 🗅
Dashboard > Javaapplication > #2
                                                     3359bc3d7a6a: Waiting
                                                     4b7c01ed0534: Waiting
5f70bf18a086: Layer already exists
                                                    43c9f8a1dd61: Layer already exists
4e5b554b7345: Layer already exists
                                                     bc05267c613b: Layer already exists
                                                     4b7c01ed0534: Layer already exists
                                                     39cf0ac89a5a: Layer already exists
                                                     f844dcf94898: Layer already exists
                                                     3359bc3d7a6a: Layer already exists
                                                     3d7201d3086a: Pushed
                                                     latest: digest: sha256:1b9e76d7cae71bb4af51d5beee71ab1ed98c138813cf222f6de8889c44ff4bc0 size: 2409
                                                     [Pipeline] }
[Pipeline] // script
[Pipeline] }
                                                     [Pipeline] // stage
[Pipeline] }
                                                     [Pipeline] // node
[Pipeline] End of Pipeline
                                                     Finished: SUCCESS
                                                                                                      📜 🖪 🤨 💕 刘 😁 🖼 💞 🧐
```

Output

Visudo:

- 1. sudo visudo
- 2. Add jenkins ALL=(ALL) NOPASSWD: ALL

ssh installtion:

- 1. sudo systemctl restart ssh.service
- 2. sudo systemctl restart sshd.service
- 3. sudo apt update
- 4. sudo apt install openssh-server
- 5. sudo systemctl restart ssh
- 6. sudo systemctl status ssh
- 7. ls /etc/systemd/system/sshd.service or ls /usr/lib/systemd/system/sshd.service
- 8. sudo systemctl daemon-reload
- 9. sudo systemctl status ssh

```
Deployment:
```

```
    cd ~/.kube
    ls
    cat config
    sudo vi config
    i
    -data
    cat url | base64 -w 0; echo
    minikube start
```

Pipeline Script:

9. kubectl get node

```
pipeline {
  agent any
  stages {
     stage('SCM Checkout') {
       steps {
          git branch: 'main', url: 'https://github.com/Bavyadharshini-
Rajaganapathy/simple-web-app.git'
     }
     stage('Build') {
       steps {
          sh 'mvn clean'
          sh 'mvn install'
     }
     stage('Build Docker Image') {
       steps {
          script {
            sh 'docker build -t bavyadharshini/simplewebapp .'
```

```
stage('Push to Docker Hub') {
       steps {
         script {
            withDockerRegistry(credentialsId: 'Docker cred', url:
'https://index.docker.io/v1/') {
               sh 'docker push bavyadharshini/simplewebapp'
     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'
       }
       }
```