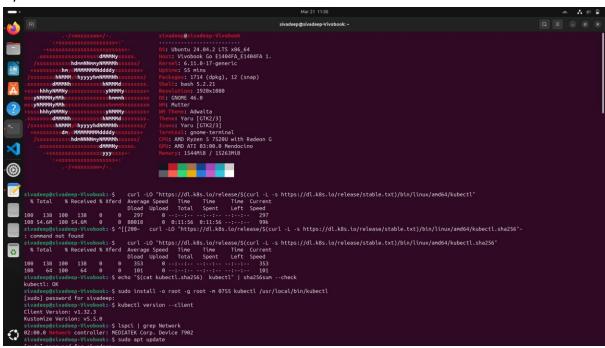
DEVOPS TASK-3
Step 1:
Start Minikube Start the Minikube cluster using the following command:
minikube start
Step 2:
Install Kubectl Since Kubectl is not found, install it with the following command:
sudo snap install kubectlclassic Alternatively, you can download it using curl: curl -LO "https://dl.k8s.io/release/\$(curl -L -s
https://dl.k8s.io/release/stable.txt)/bin/linux/amd64/kubectl" sudo install -o root -g root -m 0755 kubectl /usr/local/bin/kubectl
Step 3:
Verify Kubectl Installation Check the client version to confirm successful installation:
kubectl version –client
Step 4:
Create a Deployment Create a deployment named `myapp` with the image
`sivadeep30/demo1`: kubectl create deployment myappimage=sivadeep30/demo1 port=80
Step 5:
Expose the Deployment Expose the deployment as a NodePort service:
kubectl expose deployment myappport=80type=NodePort
Step 6:
Verify the Pod Check the running pods:
kubectl get pods

Step 7:

Access the Service Expose the service using Minikube and get the URL:

minikube service myapp

O/P and Screenshots

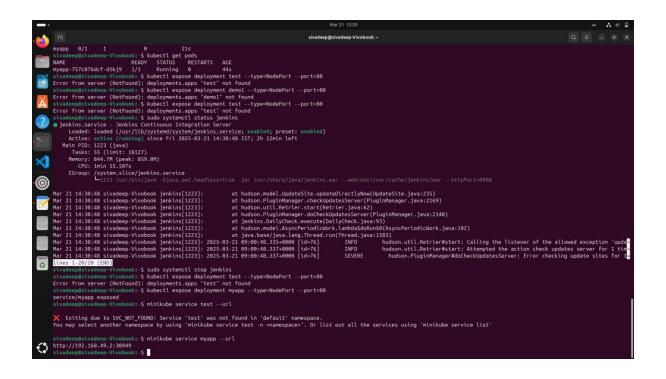




```
strandergativadesp-Vivebook: $ minitude start

introdergativadesp-Vivebook: $ minitude start

introdergativadesp-Vivebo
```



The final output

