TASK 3 - Minikube Deployment Task

1) Installation of kubectl :

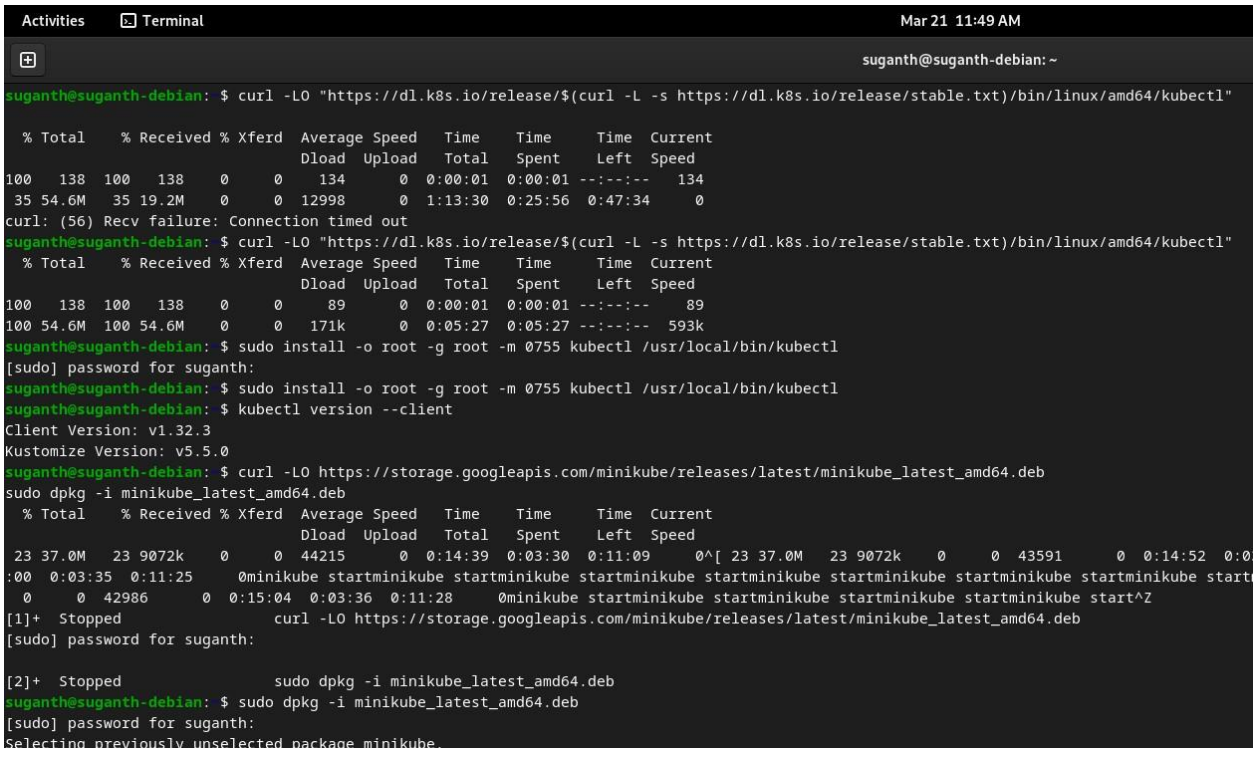
COMMAND:

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

kubectl version --client

SCREENSHOT :

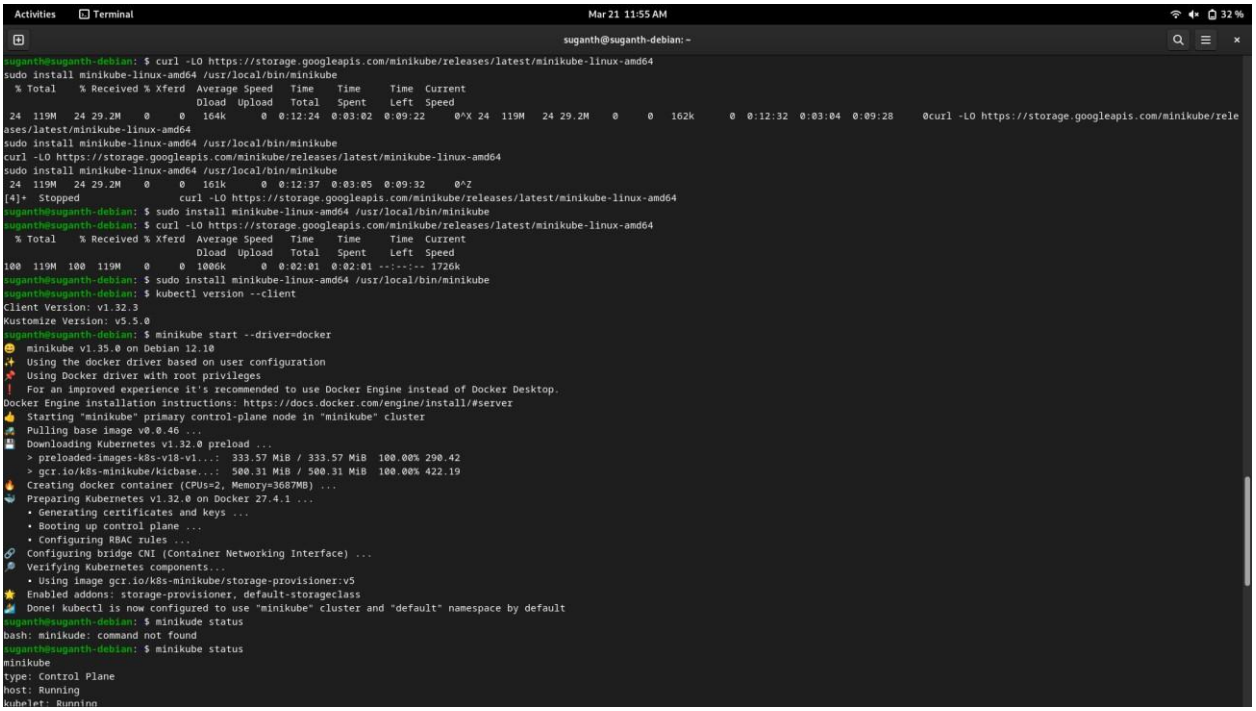


2) Installation of Minikube:

COMMAND:

sudo apt install -y curl apt-transport-https conntrack curl -LO https://storage.googleapis.com/minikube/releases/latest/minikube-linux-amd64 sudo install minikube-linux-amd64 /usr/local/bin/minikube minikube start --driver=docker minikube status

SCREENSHOT :



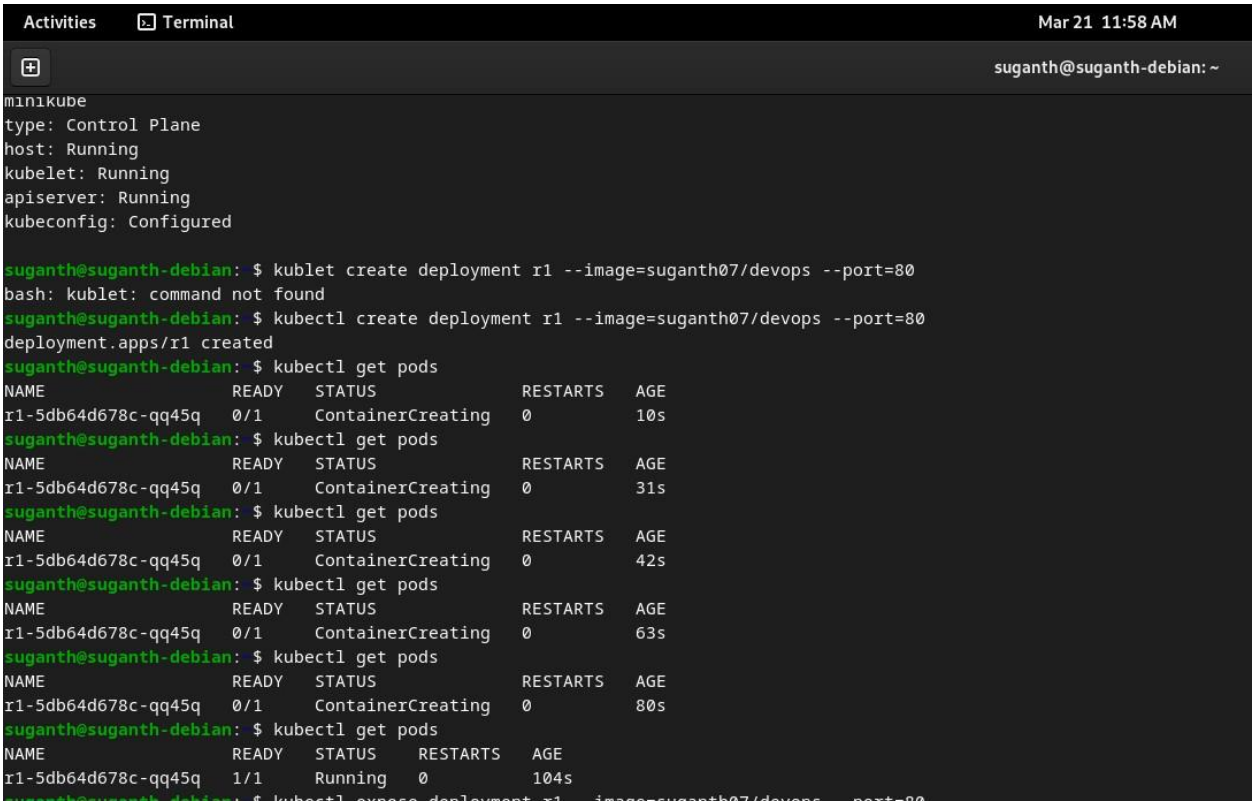
3) Then Create a deployment for the docker hub image using this command and get the pods.

COMMAND:

kubectl create deployment r1 --image=suganth07/devops --

port=80 kubectl get pods

SCREENSHOT :



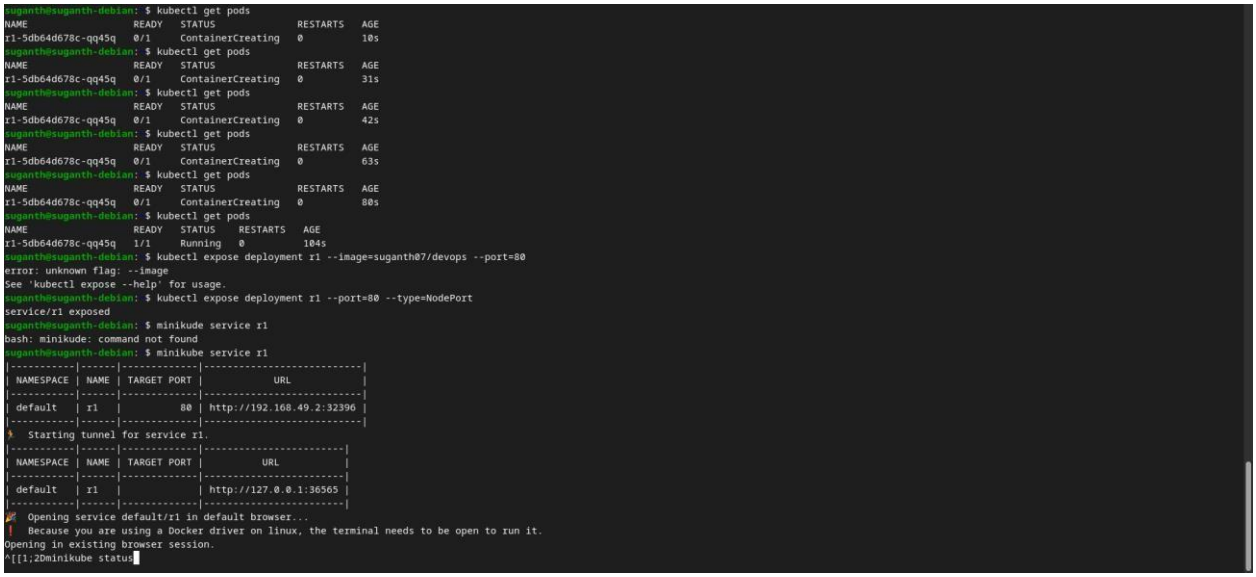
4) Then expose the deployment in that same port and run the service using minikube.

COMMAND:

kubectl expose deployment r1 --port=80 --type=NodePort

minikube service r1

SCREENSHOT:



5) Now our image will be hosted locally on the given url . Go to the browser and search for it.

SCREENSHOT :