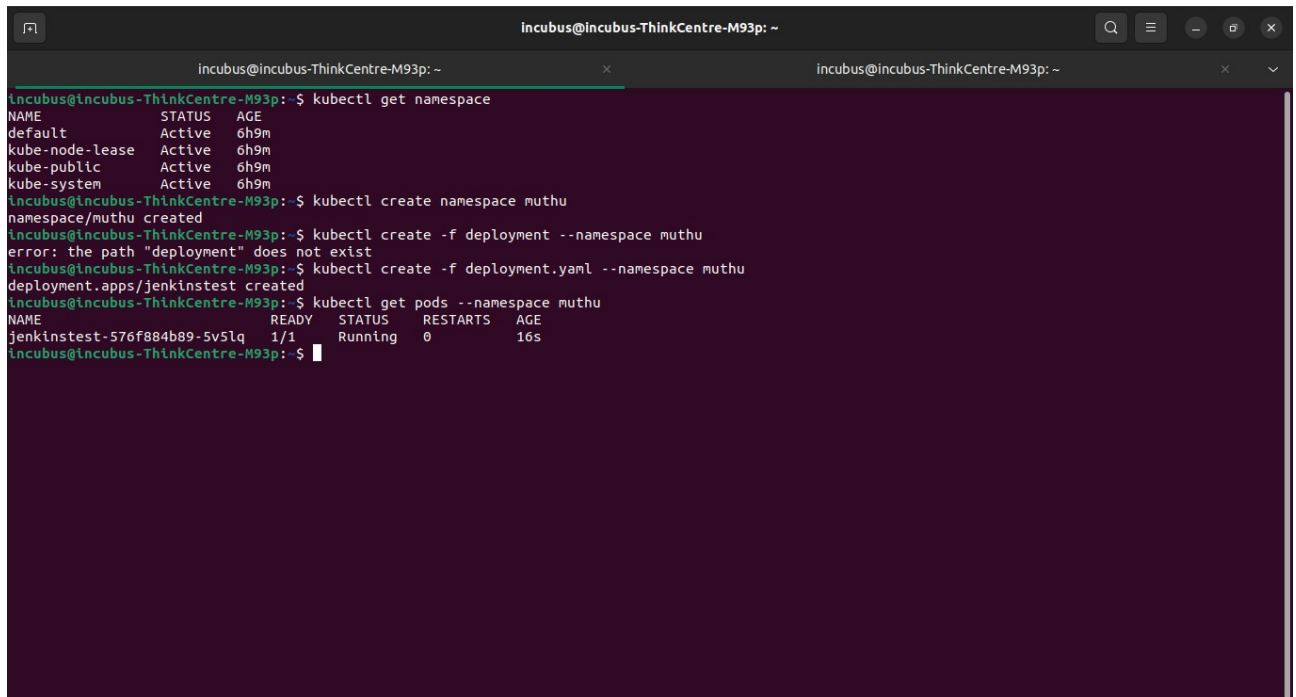


## DEPLOYMENT FOR JENKINS APPLICATION IS CREATED

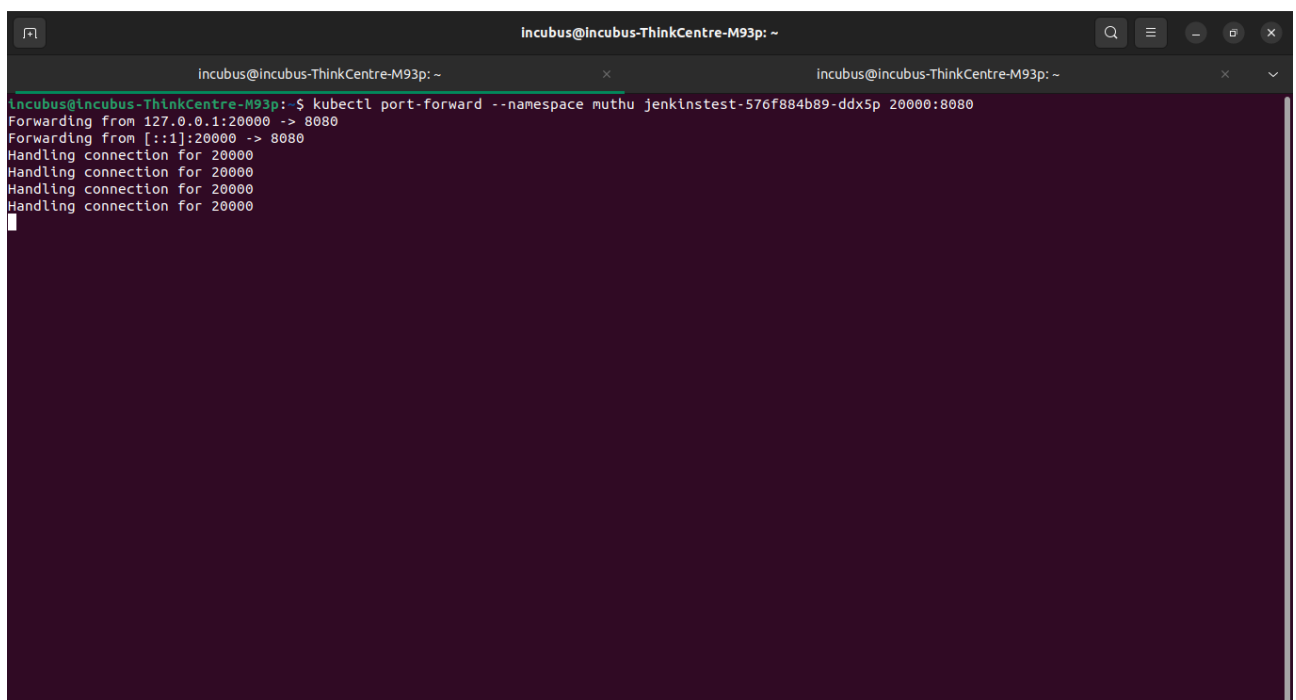
Deployment.yaml has necessary instructions to launch a jenkins in K8 pod.

- Kubectl create -f deployment.yaml --namespace muthu
- Kubectl get deployment --namespace muthu ( see a deployment is created )



```
incubus@incubus-ThinkCentre-M93p: ~  
incubus@incubus-ThinkCentre-M93p: ~  
incubus@incubus-ThinkCentre-M93p: ~$ kubectl get namespace  
NAME          STATUS   AGE  
default       Active   6h9m  
kube-node-lease  Active   6h9m  
kube-public    Active   6h9m  
kube-system    Active   6h9m  
incubus@incubus-ThinkCentre-M93p: ~$ kubectl create namespace muthu  
namespace/muthu created  
incubus@incubus-ThinkCentre-M93p: ~$ kubectl create -f deployment --namespace muthu  
error: the path "deployment" does not exist  
incubus@incubus-ThinkCentre-M93p: ~$ kubectl create -f deployment.yaml --namespace muthu  
deployment.apps/jenkinstest created  
incubus@incubus-ThinkCentre-M93p: ~$ kubectl get pods --namespace muthu  
NAME                                READY   STATUS    RESTARTS   AGE  
jenkinstest-576f884b89-5v5lq       1/1     Running   0           16s  
incubus@incubus-ThinkCentre-M93p: ~$
```

- Port forwarded to see the output



```
incubus@incubus-ThinkCentre-M93p: ~  
incubus@incubus-ThinkCentre-M93p: ~  
incubus@incubus-ThinkCentre-M93p: ~$ kubectl port-forward --namespace muthu jenkinstest-576f884b89-ddx5p 20000:8080  
Forwarding from 127.0.0.1:20000 -> 8080  
Forwarding from [::1]:20000 -> 8080  
Handling connection for 20000  
Handling connection for 20000  
Handling connection for 20000  
Handling connection for 20000  
incubus@incubus-ThinkCentre-M93p: ~$
```

Jenkins running in the local host look at the port.

