

Day - 3

Commands:

```
minikube start
```

```
nano nginx-deployment.yml
```

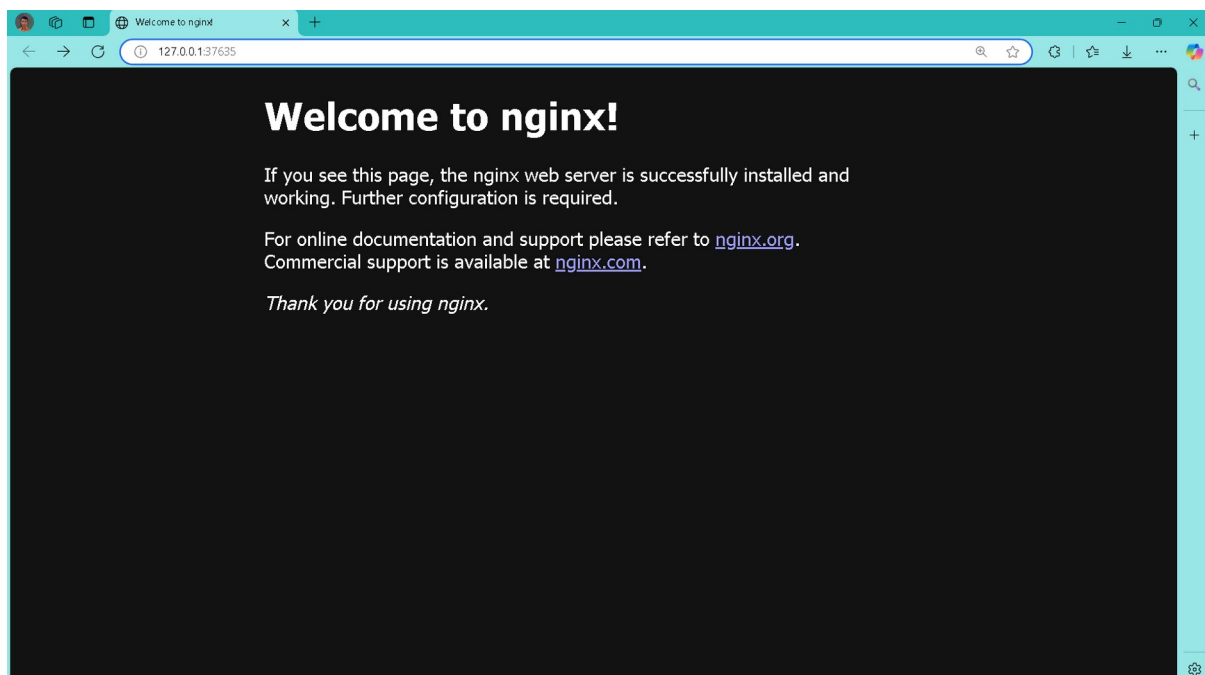
Ctrl+X, Y, Enter

```
kubectl apply -f nginx-deployment.yml
```

```
minikube service nginx-login-service --url
```

open the url in the browser

```
girdharan@UserUnknown: ~$ minikube start
minikube v1.35.0 on Ubuntu 24.04 (amd64)
Using the docker driver based on existing profile
Starting "minikube" primary control-plane node in "minikube" cluster
Pulling base image v0.0.46 ...
Restarting existing docker container for "minikube" ...
! Failing to connect to https://registry.k8s.io/ from inside the minikube container
To pull new external images, you may need to configure a proxy: https://minikube.sigs.k8s.io/docs/reference/networking/proxy/
Preparing Kubernetes v1.32.0 on Docker 27.4.1 ...
Verifying Kubernetes components...
  * Using image gcr.io/k8s-minikube/storage-provisioner:v5
  * Enabled addons: storage-provisioner, default-storageclass
  * Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default
girdharan@UserUnknown:~$ minikube status
minikube: command not found
girdharan@UserUnknown:~$ minikube status
minikube
type: Control Plane
host: Running
kubelet: Running
apiserver: Running
kubeconfig: Configured
girdharan@UserUnknown:~$ nano nginx-deployment.yml
girdharan@UserUnknown:~$ kubectl apply -f nginx-deployment.yml
error: the path "nginx-deployment.yml" does not exist
girdharan@UserUnknown:~$ kubectl apply -f nginx-deployment.yml
deployment.apps/nginx-login unchanged
service/nginx-login-service unchanged
girdharan@UserUnknown:~$ minikube service nginx-login-service --url
http://127.0.0.1:37635
! Because you are using a Docker driver on linux, the terminal needs to be open to run it.
```



apiVersion: apps/v1

kind: Deployment

metadata:

name: nginx-login

spec:

replicas: 1

selector:

matchLabels:

app: nginx-login

template:

metadata:

labels:

app: nginx-login

spec:

containers:

- name: nginx-login

image: nginx:latest

ports:

- containerPort: 80

apiVersion: v1

kind: Service

metadata:

name: nginx-login-service

spec:

type: NodePort

selector:

app: nginx-login

ports:

- protocol: TCP

port: 80

targetPort: 80

nodePort: 30008