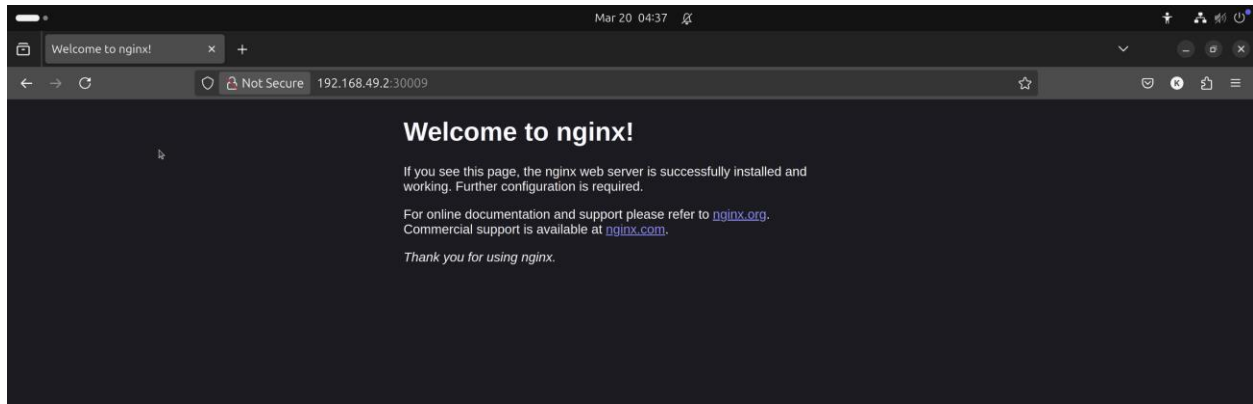


DAY 3



Code:

```
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 # Public Nginx image from Docker Hub
          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

```
krithick@krithick: ~  
krithick@krithick:~$ nano nginx-deployment.yml  
krithick@krithick:~$ nano nginx-web.yml  
krithick@krithick:~$ kubectl apply -f nginx-web.yml  
deployment.apps/nginx-web created  
service/nginx-web-service created  
krithick@krithick:~$ kubectl get pods  
NAME                                READY   STATUS    RESTARTS   AGE  
my-pod                             1/1     Running   1 (5m53s ago)   19h  
nginx-login-599c888d9-vjp6l        1/1     Running   0           5m34s  
nginx-web-d8c8bd4ff-v4vxb          0/1     ContainerCreating   0           6s  
krithick@krithick:~$ kubectl get nodes -o wide  
NAME                STATUS   ROLES    AGE   VERSION   INTERNAL-IP   EXTERNAL-IP   OS-IMAGE             KERNEL-VERSION  
minikube            Ready    control-plane   41h   v1.32.0   192.168.49.2   <none>        Ubuntu 22.04.5 LTS   6.8.0-55-generic  
docker://27.4.1
```