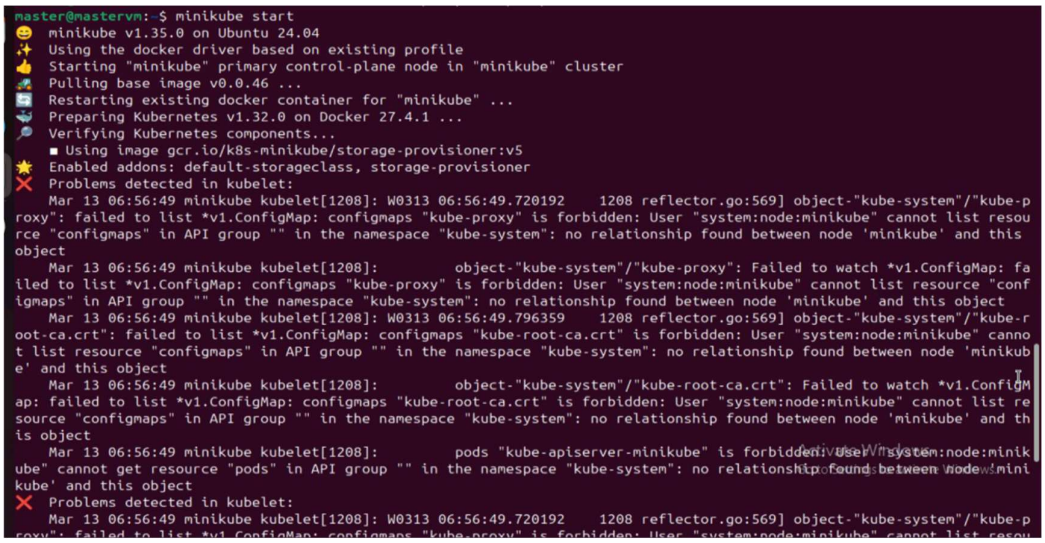
Exercise 1: Deploy a Nginx Pod

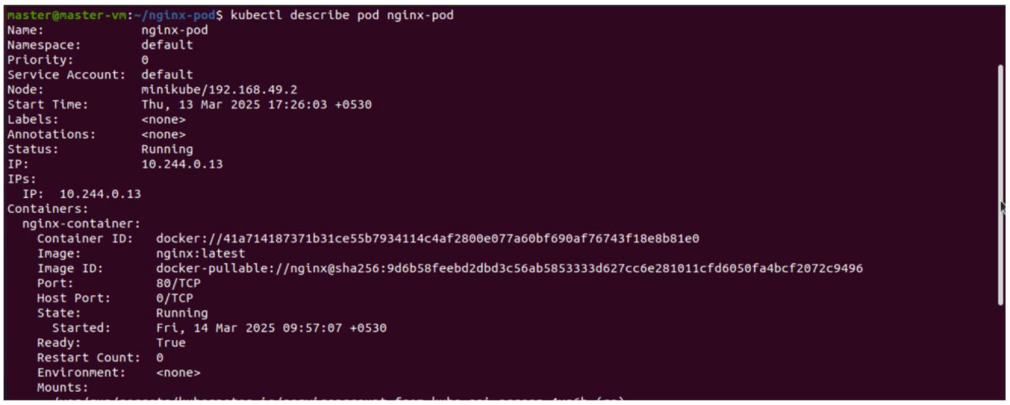
1. Start a Kubernetes cluster (Minikube or other cluster):



2. Create an Nginx pod

3. Verify the pod is running:

4. Check pod details:



5. Delete the pod:

Exercise 2: Create an Nginx Deployment and Scale It

1. Create a deployment with Nginx:

```
master@master-vm:~/nginx-deployment$ kubectl create deployment nginx-deployment --image=nginx
deployment.apps/nginx-deployment created
```

2. Check the deployment:

```
master@master-vm:~/nginx-deployment$ kubectl get deployments
NAME               READY   UP-TO-DATE   AVAILABLE   AGE
nginx-deployment   1/1     1            1           10s
```

3. Scale the deployment to 3 replicas:

```
master@master-vm:~/nginx-deployment$ kubectl scale deployment nginx-deployment --replicas=3
deployment.apps/nginx-deployment scaled
```

4. Check the running pods:

```
master@master-vm:~/nginx-deployment$ kubectl get pods -o wide
NAME                               READY   STATUS    RESTARTS   AGE   IP            NODE
nginx-deployment-6cfb98644c-5xbrd   1/1     Running   0          69s   10.244.0.15   minikube
nginx-deployment-6cfb98644c-8nkhd   1/1     Running   0          15s   10.244.0.16   minikube
nginx-deployment-6cfb98644c-9dvf9   1/1     Running   0          15s   10.244.0.17   minikube
```

5. Delete the deployment:

```
master@master-vm:~/nginx-deployment$ kubectl delete deployment nginx-deployment
deployment.apps "nginx-deployment" deleted
master@master-vm:~/nginx-deployment$
```