TASK 4

**Step 1: Start Minikube**

minikube start --driver=docker --force

**Step 2: Create a Deployment**

kubectl create deployment webapp --image=nginx --port=80

**Step 3: Expose the Deployment as a Service**

kubectl expose deployment webapp --type=NodePort --port=80 --target-port=80

**Step 4: Verify the Running Pods**

kubectl get pod

**Step 5: Verify the Service**

kubectl get svc

**Step 6: Open the Service in a Web Browser**

minikube service webapp

**Step 7: Test the Service Using curl**

curl http://192.168.49.2:32172

**Step 8: Continuously Monitor the Pods**

watch kubectl get pod

**Step 9: Continuously Monitor Pod Logs**

watch kubectl logs webapp-869b646d9f-5nlp5

