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

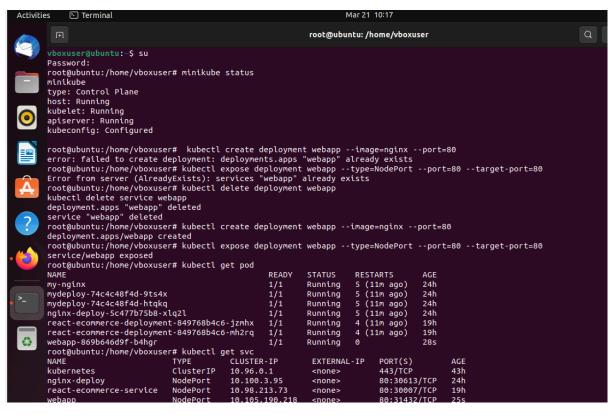
curl http://192.168.49.2:31432

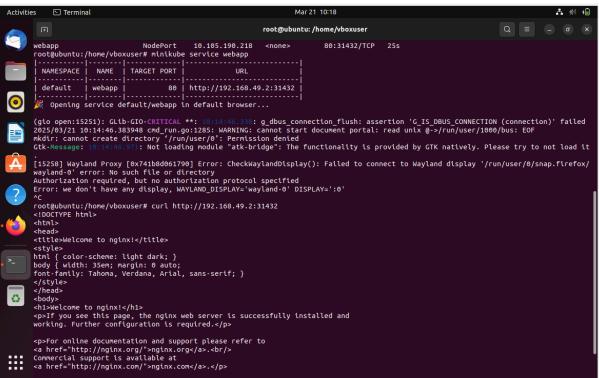
Step 8: Continuously Monitor the Pods

watch kubectl get pod

Step 9: Continuously Monitor Pod Logs

watch kubectl logs webapp-869b646d9f-b4hgr





Output:

