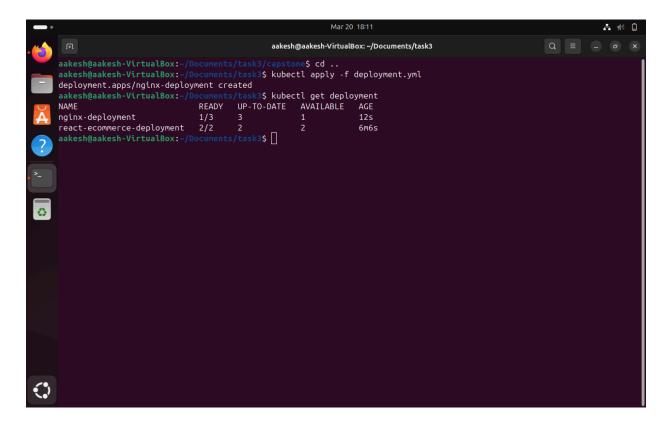
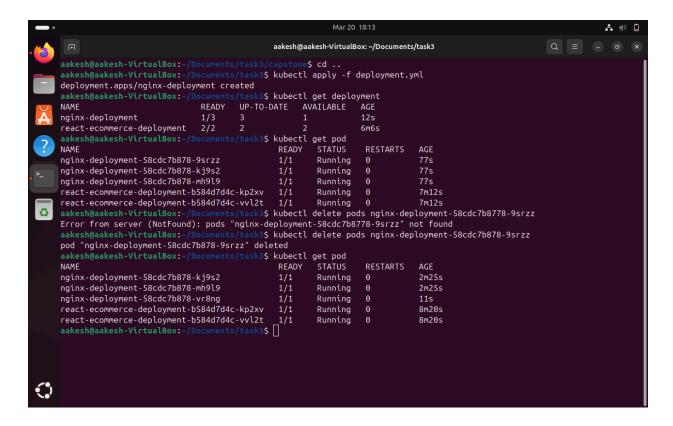
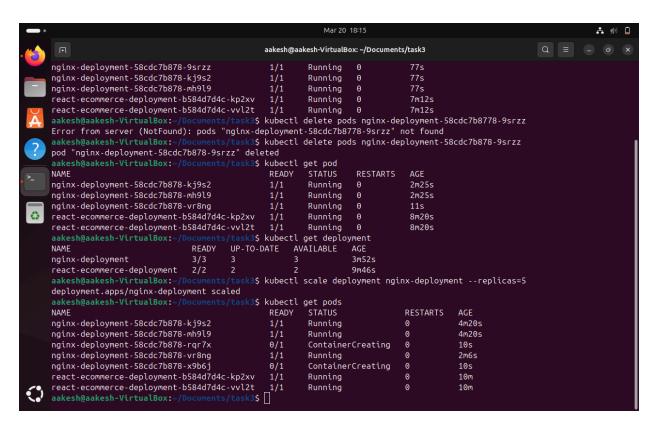
Created Deployment for nginx image:



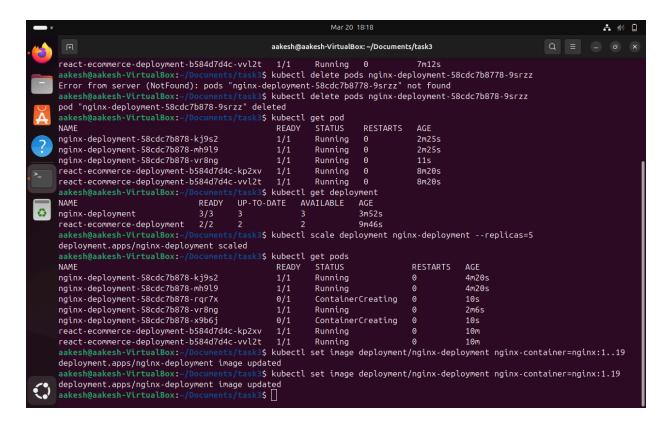
Deleted Pod and checked whether it ups on its own:



Scaled the pods of the nginx-deployment and checked for scaling:



Updated nginx base image:



Exposed the deployment:

```
A 🔊 🗋
                                                                                                          Q ≡
                                              aakesh@aakesh-VirtualBox: ~/Documents/task3
aakesh@aakesh-VirtualBox:~/Documents/task3$ kubectl get deployment
                              READY UP-TO-DATE AVAILABLE
NAME
nginx-deployment
                              3/3
                                                                 3m52s
react-ecommerce-deployment
                              2/2
                                                                 9m46s
aakesh@aakesh-VirtualBox:~/Documents/task3$ kubectl scale deployment nginx-deployment --replicas=5
deployment.apps/nginx-deployment scaled
aakesh@aakesh-VirtualBox:~/Documents/task3$ kubectl get pods
                                               READY
                                                        STATUS
                                                                             RESTARTS
                                                                                        AGE
nginx-deployment-58cdc7b878-kj9s2
                                                        Running
                                                                                        4m20s
nginx-deployment-58cdc7b878-mh9l9
                                               1/1
                                                        Running
                                                                                        4m20s
nginx-deployment-58cdc7b878-rqr7x
nginx-deployment-58cdc7b878-vr8ng
                                                        ContainerCreating
                                                                                         10s
                                               1/1
                                                        Running
                                                                                         2m6s
nginx-deployment-58cdc7b878-x9b6j
                                                        ContainerCreating
                                                                                         10s
react-ecommerce-deployment-b584d7d4c-kp2xv
                                               1/1
                                                        Running
                                                                                         10m
react-ecommerce-deployment-b584d7d4c-vvl2t
                                                        Running
                                                                                         10m
                                       /task3$ kubectl set image deployment/nginx-deployment nginx-container=nginx:1..19
deployment.apps/nginx-deployment image updated
                                        ask3$ kubectl set image deployment/nginx-deployment nginx-container=nginx:1.19
deployment.apps/nginx-deployment image updated
                                          kubectl expose deployment nginx-deployment --type=Nodeport --port=80
aakesh@aakesh-VirtualBox:~/[
The Service "nginx-deployment" is invalid: spec.type: Unsupported value: "Nodeport": supported values: "ClusterIP", "Ext
ernalName", "LoadBalancer", "NodePort"
aakesh@aakesh-VirtualBox:~/Doc
                                 ments/task3$ kubectl expose deployment nginx-deployment --type=NodePort --port=80
service/nginx-deployment exposed
aakesh@aakesh-VirtualBox:~/Documents/task3$ minikube ip
192.168.49.2
aakesh@aakesh-VirtualBox:~/Documents/task3$ kubectl get service
                                        CLUSTER-IP
                           TYPE
                                                          EXTERNAL-IP
                                                                         PORT(S)
kubernetes
                                        10.96.0.1
                                                                         443/TCP
                                                                                        27h
                                                          <none>
                                        10.104.156.224
                           NodePort
                                                                         80:31796/TCP
nainx-deployment
                                                          <none>
react-ecommerce-service NodePort 10.96.127.164
aakesh@aakesh-VirtualBox:-/Documents/task3$
                                                                         80:30007/TCP
                                                                                        12m
                                                          <none>
```

Checked for deployment status:

