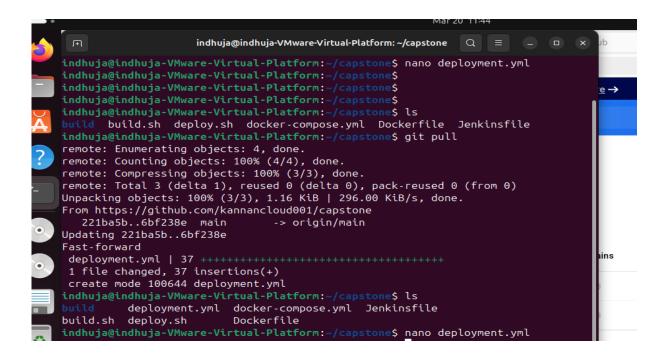
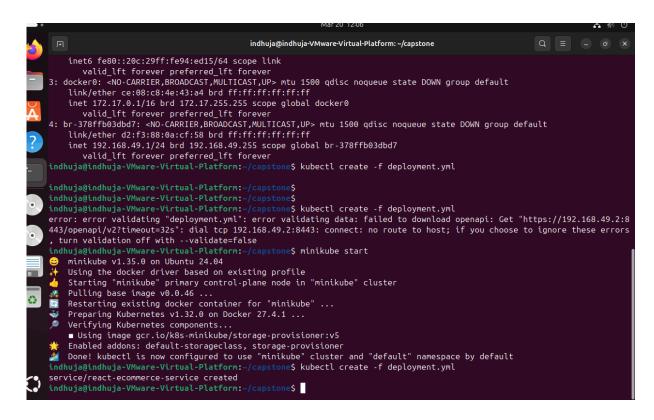
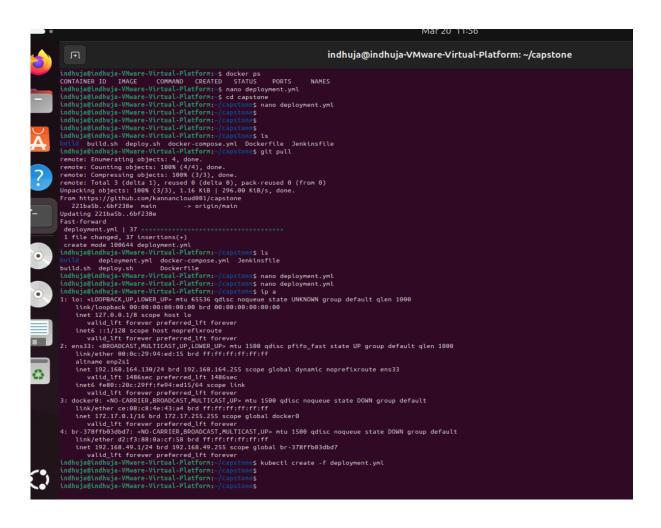
DEVOPS

Task 4

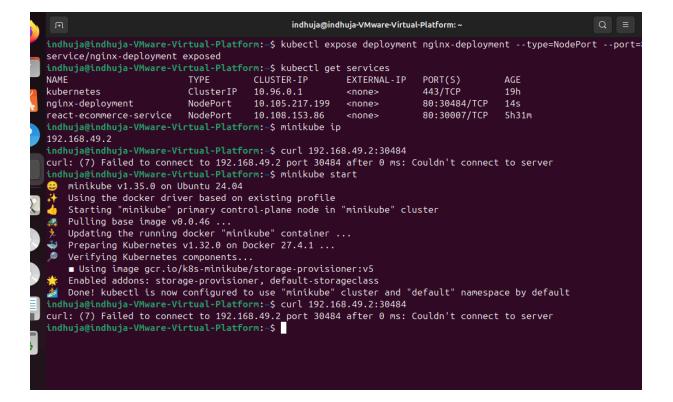




```
indhuja@indhuja-VMware-Virtual-Platform: ~
command 'qube' from deb avogadro-utils (1.98.1-2)
See 'snap info <snapname>' for additional versions.
indhuja@indhuja-VMware-Virtual-Platform:~$ kubectl get pods
NAME
                                     READY STATUS
                                                        RESTARTS
                                                                    AGE
nginx-deployment-58cdc7b878-2q59s
                                     1/1
                                             Running
                                                        0
                                                                    54m
nginx-deployment-58cdc7b878-r985j
                                     1/1
                                                                    54m
                                              Running
nginx-deployment-58cdc7b878-vd6nw
                                             Running
                                                        0
                                                                    54m
react-ecommerce-57c5b48d9-4m7k5
                                     1/1
                                              Running
                                                        0
                                                                    46m
                                              Running
react-ecommerce-57c5b48d9-c7fwr
                                     1/1
                                                        0
                                                                    46m
indhuja@indhuja-VMware-Virtual-Platform:-$ kubectl delete pod nginx-deployment-58cdc7b878-2q59s
pod "nginx-deployment-58cdc7b878-2q59s" deleted
indhuja@indhuja-VMware-Virtual-Platform:~$ kubectl get pods
                                             STATUS
                                                        RESTARTS
NAME
                                     READY
                                                                    AGE
                                     1/1
1/1
                                                                    42s
nginx-deployment-58cdc7b878-b9hqp
                                              Running
nginx-deployment-58cdc7b878-r985j
                                             Running
                                                                    58m
                                                        0
nginx-deployment-58cdc7b878-vd6nw
                                     1/1
                                              Running
                                                        0
                                                                    58m
react-ecommerce-57c5b48d9-4m7k5
                                     1/1
                                              Running
                                                                    49m
react-ecommerce-57c5b48d9-c7fwr
                                     1/1
                                             Running
                                                       0
                                                                    49m
indhuja@indhuja-VMware-Virtual-Platform:~$ curl 192.168.49.2:30007
curl: (7) Failed to connect to 192.168.49.2 port 30007 after 0 ms: Couldn't connect to server
indhuja@indhuja-VMware-Virtual-Platform:-$ kubectl scale deployment nginx-deployment --replicas=5
deployment.apps/nginx-deployment scaled
indhuja@indhuja-VMware-Virtual-Platform:~$ kubectl get deployments
NAME
                   READY UP-TO-DATE AVAILABLE
                                                     AGE
nginx-deployment
                   5/5
                                                      69m
react-ecommerce
                                                      60m
indhuja@indhuja-VMware-Virtual-Platform:~$
```



```
indhuja@indhuja-VMware-Virtual-Platform: ~
indhuja@indhuja-VMware-Virtual-Platform:~/capstone$ kubectl create -f deployment.yml
The Service "react-ecommerce-service" is invalid: spec.ports[0].nodePort: Invalid value: 30007: prov
ided port is already allocated
indhuja@indhuja-VMware-Virtual-Platform:~/capstone$ kubectl get deployments
No resources found in default namespace.
indhuja@indhuja-VMware-Virtual-Platform:~/capstone$
indhuja@indhuja-VMware-Virtual-Platform:~/capstone$ cd
indhuja@indhuja-VMware-Virtual-Platform:~$ sudo nano deployment.yaml
[sudo] password for indhuja:
indhuja@indhuja-VMware-Virtual-Platform:~$ nano deployment.yml
indhuja@indhuja-VMware-Virtual-Platform:~$ kubectl apply -f deployment.yaml
deployment.apps/nginx-deployment created
indhuja@indhuja-VMware-Virtual-Platform:~$ kubectl create deployment react-ecommerce --image=indhuja
12/ecommerce:latest --replicas=2
deployment.apps/react-ecommerce created
indhuja@indhuja-VMware-Virtual-Platform:~$ kubectl get deployments
NAME
                   READY UP-TO-DATE AVAILABLE
                                                     AGE
                   3/3
nginx-deployment
                                                     9m6s
                           3
                   2/2
                                                     48s
react-ecommerce
indhuja@indhuja-VMware-Virtual-Platform:~$
                                              kubectl get pods
                                     READY
                                             STATUS
                                                       RESTARTS
                                                                  AGE
                                     1/1
nginx-deployment-58cdc7b878-2q59s
                                             Running
                                                       0
                                                                  20m
                                    1/1
nginx-deployment-58cdc7b878-r985j
                                             Running
                                                       0
                                                                  20m
nginx-deployment-58cdc7b878-vd6nw
                                     1/1
                                             Running
                                                       0
                                                                  20m
                                     1/1
react-ecommerce-57c5b48d9-4m7k5
                                             Running
                                                       0
                                                                   11m
react-ecommerce-57c5b48d9-c7fwr
                                     1/1
                                             Running
                                                       0
                                                                  11m
indhuja@indhuja-VMware-Virtual-Platform:~$
```



```
NAME
                                     READY
                                             STATUS
                                                       RESTARTS
                                                                   AGE
nginx-deployment-58cdc7b878-2q59s
                                     1/1
                                             Running
                                                                   54m
                                             Running
nginx-deployment-58cdc7b878-r985j
                                     1/1
                                                       0
                                                                   54m
nginx-deployment-58cdc7b878-vd6nw
                                     1/1
                                                                   54m
                                             Running
                                                       0
react-ecommerce-57c5b48d9-4m7k5
                                     1/1
                                             Running
                                                       0
                                                                   46m
                                             Running
react-ecommerce-57c5b48d9-c7fwr
                                     1/1
                                                       0
                                                                   46m
indhuja@indhuja-VMware-Virtual-Platform:~$ kubectl delete pod nginx-deployment-58cdc7b878-2q59s
pod "nginx-deployment-58cdc7b878-2q59s" deleted
indhuja@indhuja-VMware-Virtual-Platform:~$ kubectl get pods
                                     READY
                                             STATUS
                                                       RESTARTS
                                                                  AGE
nginx-deployment-58cdc7b878-b9hqp
                                     1/1
                                             Running
                                                                   42s
nginx-deployment-58cdc7b878-r985j
                                     1/1
                                             Running
                                                       0
                                                                   58m
nginx-deployment-58cdc7b878-vd6nw
                                     1/1
                                             Running
                                                       0
                                                                   58m
react-ecommerce-57c5b48d9-4m7k5
                                     1/1
                                             Running
                                                       0
                                                                   49m
react-ecommerce-57c5b48d9-c7fwr
                                                                   49m
                                             Running
                                                       0
indhuja@indhuja-VMware-Virtual-Platform:~$ curl 192.168.49.2:30007
curl: (7) Failed to connect to 192.168.49.2 port 30007 after 0 ms: Couldn't connect to server
indhuja@indhuja-VMware-Virtual-Platform:~$ kubectl scale deployment nginx-deployment --replicas=5
deployment.apps/nginx-deployment scaled
indhuja@indhuja-VMware-Virtual-Platform:~$ kubectl get deployments
NAME
                   READY
                           UP-TO-DATE
                                        AVAILABLE
                                                     AGE
nginx-deployment
                   5/5
                                                     69m
react-ecommerce
                   2/2
                                                     60m
indhuja@indhuja-VMware-Virtual-Platform:~$ kubectl set image deployment/nginx-deployment nginx-conta
iner=nginx:1.19
deployment.apps/nginx-deployment image upda<u>t</u>ed
indhuja@indhuja-VMware-Virtual-Platform:~$
```

