

22ITR020

TASK 3

```
Ubuntu
Windows PowerShell
dharshana@dharshana:~$ minikube image load nginx:latest
dharshana@dharshana:~$ kubectl apply -f nginx-deployment.yml
deployment.apps/nginx-login unchanged
service/nginx-login-service unchanged
dharshana@dharshana:~$ kubectl delete -f nginx-deployment.yml
deployment.apps "nginx-login" deleted
service "nginx-login-service" deleted
dharshana@dharshana:~$ kubectl apply -f nginx-deployment.yml
deployment.apps/nginx-login created
service/nginx-login-service created
dharshana@dharshana:~$ kubectl get pods -w
NAME                                READY   STATUS             RESTARTS   AGE
nginx-login-b6fd8c4cf-dxq76         0/1     ContainerCreating   0           7s
nginx-login-b6fd8c4cf-dxq76         0/1     ErrImagePull        0           19s
^C
dharshana@dharshana:~$ eval $(minikube docker-env)
dharshana@dharshana:~$ kubectl get pods -w
NAME                                READY   STATUS             RESTARTS   AGE
nginx-login-b6fd8c4cf-dxq76         0/1     ErrImagePull        0           30s
nginx-login-b6fd8c4cf-dxq76         0/1     ImagePullBackOff    0           32s
nginx-login-b6fd8c4cf-dxq76         0/1     ErrImagePull        0           59s
nginx-login-b6fd8c4cf-dxq76         0/1     ImagePullBackOff    0           72s
^X
^C
dharshana@dharshana:~$ sudo nano nginx-deployment.yml
dharshana@dharshana:~$ kubectl apply -f nginx-deployment.yml
deployment.apps/nginx-login configured
service/nginx-login-service unchanged
dharshana@dharshana:~$ kubectl delete -f nginx-deployment.yml
deployment.apps "nginx-login" deleted
service "nginx-login-service" deleted
dharshana@dharshana:~$ kubectl apply -f nginx-deployment.yml
deployment.apps/nginx-login created
service/nginx-login-service created
dharshana@dharshana:~$ kubectl get pods
NAME                                READY   STATUS    RESTARTS   AGE
nginx-login-84df7f9465-hp5d2       1/1     Running   0           6s
dharshana@dharshana:~$ minikube ip
192.168.49.2
dharshana@dharshana:~$ minikube service nginx-login-service --url
http://127.0.0.1:41771
! Because you are using a Docker driver on linux, the terminal needs to be open to run it.
```

