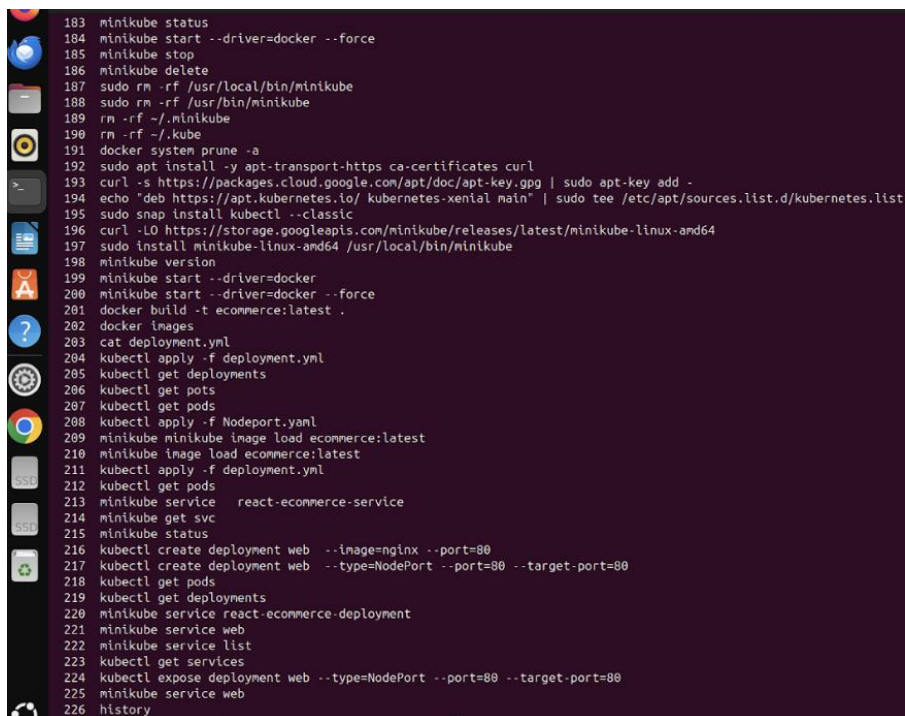


## TASK 4

- `kubectl create deployment --image=nginx --port=80`
- `kubectl create deployment webapp --image=nginx --port=80`
- `kubectl expose webapp --type=Nodeport --port=80 --target=-port=80`
- `kubectl expose deployment webapp --type=Nodeport --port=80 --target=-port=80`
- `kubectl expose deployment webapp --type=NodePort --port=80 --target-port=80`
- `kubectl get pods`
- `kubectl get svc`
- `minikube service webapp`



```
183 minikube status
184 minikube start --driver=docker --force
185 minikube stop
186 minikube delete
187 sudo rm -rf /usr/local/bin/minikube
188 sudo rm -rf /usr/bin/minikube
189 rm -rf ~/.minikube
190 rm -rf ~/.kube
191 docker system prune -a
192 sudo apt install -y apt-transport-https ca-certificates curl
193 curl -s https://packages.cloud.google.com/apt/doc/apt-key.gpg | sudo apt-key add -
194 echo 'deb https://apt.kubernetes.io/ kubernetes-xenial main' | sudo tee /etc/apt/sources.list.d/kubernetes.list
195 sudo snap install kubectl --classic
196 curl -LO https://storage.googleapis.com/minikube/releases/latest/minikube-linux-amd64
197 sudo install minikube-linux-amd64 /usr/local/bin/minikube
198 minikube version
199 minikube start --driver=docker
200 minikube start --driver=docker --force
201 docker build -t ecommerce:latest .
202 docker images
203 cat deployment.yml
204 kubectl apply -f deployment.yml
205 kubectl get deployments
206 kubectl get pods
207 kubectl get pods
208 kubectl apply -f Nodeport.yml
209 minikube minikube image load ecommerce:latest
210 minikube image load ecommerce:latest
211 kubectl apply -f deployment.yml
212 kubectl get pods
213 minikube service react-ecommerce-service
214 minikube get svc
215 minikube status
216 kubectl create deployment web --image=nginx --port=80
217 kubectl create deployment web --type=NodePort --port=80 --target-port=80
218 kubectl get pods
219 kubectl get deployments
220 minikube service react-ecommerce-deployment
221 minikube service web
222 minikube service list
223 kubectl get services
224 kubectl expose deployment web --type=NodePort --port=80 --target-port=80
225 minikube service web
226 history
```

You may select another namespace by using 'minikube service web -n <namespace>'. Or list out all the services using 'minikube service list'

```
root@barath-ASUS-TUF-Gaming-A15-FA506IHRB-FA506IHRZ:~# minikube service list
```

NAMESPACE	NAME	TARGET PORT	URL
default	kubernetes	No node port	
default	react-ecommerce-service	80	http://192.168.49.2:30007
kube-system	kube-dns	No node port	

```
root@barath-ASUS-TUF-Gaming-A15-FA506IHRB-FA506IHRZ:~# kubectl get services
```

NAME	TYPE	CLUSTER-IP	EXTERNAL-IP	PORT(S)	AGE
kubernetes	ClusterIP	10.96.0.1	<none>	443/TCP	21h
react-ecommerce-service	NodePort	10.108.140.14	<none>	80:30007/TCP	20h

```
root@barath-ASUS-TUF-Gaming-A15-FA506IHRB-FA506IHRZ:~# kubectl expose deployment web --type=NodePort --port=80 --target-port=80
```

```
service/web exposed
```

```
root@barath-ASUS-TUF-Gaming-A15-FA506IHRB-FA506IHRZ:~# minikube service web
```

NAMESPACE	NAME	TARGET PORT	URL
default	web	80	http://192.168.49.2:30502

Opening service default/web in default browser...

/usr/bin/xdg-open: 882: www-browser: not found

/usr/bin/xdg-open: 882: links2: not found

/usr/bin/xdg-open: 882: elinks: not found

/usr/bin/xdg-open: 882: links: not found

/usr/bin/xdg-open: 882: lynx: not found

/usr/bin/xdg-open: 882: w3m: not found

xdg-open: no method available for opening 'http://192.168.49.2:30502'

Exiting due to HOST\_BROWSER: open url failed: [default web 80 http://192.168.49.2:30502]: exit status 3

If the above advice does not help, please let us know:  
<https://github.com/kubernetes/minikube/issues/new/choose>

Please run 'minikube logs --file=logs.txt' and attach logs.txt to the GitHub issue.  
Please also attach the following file to the GitHub issue:  
- /tmp/minikube\_service\_dbcb36d4971a0b1f1a942c111d99cafea43a0e67\_0.log

