

TASK 3

```
Mar 20 10:02
root@ubuntu: /home/vboxuser/Downloads/E-Commerce-main

vboxuser@ubuntu:~$ su
Password:
root@ubuntu: /home/vboxuser# kubectl version --client
Client Version: v1.32.3
Kustomize Version: v5.5.0
root@ubuntu: /home/vboxuser# /home/vboxuser/Downloads/E-Commerce-main
bash: /home/vboxuser/Downloads/E-Commerce-main: Is a directory
root@ubuntu: /home/vboxuser# cd /home/vboxuser/Downloads/E-Commerce-main
root@ubuntu: /home/vboxuser/Downloads/E-Commerce-main# cat Dockerfile
FROM nginx:latest
# Copy the built files from the previous stage
COPY build/ /usr/share/nginx/html
# Expose port 80 (the default HTTP port)
EXPOSE 80
# Start Nginx and keep it running in the foreground
CMD ["nginx", "-g", "daemon off;"]
root@ubuntu: /home/vboxuser/Downloads/E-Commerce-main# docker build -t ecommerce:latest .
[+] Building 154.0s (7/7) FINISHED                                docker:default
=> [internal] load build definition from Dockerfile                0.2s
=> => transferring dockerfile: 276B                               0.0s
=> [internal] load metadata for docker.io/library/nginx:latest    9.3s
=> [internal] load .dockerignore                                   0.2s
=> => transferring context: 2B                                       0.0s
=> [internal] load build context                                   0.4s
=> => transferring context: 2.61MB                                   0.2s
=> [1/2] FROM docker.io/library/nginx:latest@sha256:124b44bfc9ccd1f3ce 142.3s
=> => resolve docker.io/library/nginx:latest@sha256:124b44bfc9ccd1f3cedf 0.1s
=> => sha256:54809b2f36d0ff38e8e5362b0239779e4b75c2f19ad 2.29kB / 2.29kB 0.0s
=> => sha256:53a18edff8091d5faff1e42b4d885bc5f0f897873b0 8.58kB / 8.58kB 0.0s
=> => sha256:124b44bfc9ccd1f3cedf4b592d4d1e8bddb78b51e 10.27kB / 10.27kB 0.0s
=> => sha256:417c4bccf5349be7cd4ba91b1a2077ecf0ab50b3831bb07 627B / 627B 0.6s
=> => sha256:5eaa34f5b9c2a13ef2217ceb966953df5c3a21 43.95MB / 43.95MB 130.2s
=> => sha256:1e7e0c4b15e553ccff56866c2153c885313675686d3f6040 955B / 955B 3.0s
```

```
Mar 20 10:04
root@ubuntu: /home/vboxuser/Downloads/E-Commerce-main

The "docker" driver should not be used with root privileges. If you wish to continue as root, use --force.
If you are running minikube within a VM, consider using --driver=none:
https://minikube.sigs.k8s.io/docs/reference/drivers/none/
Tip: To remove this root owned cluster, run: sudo minikube delete
Starting "minikube" primary control-plane node in "minikube" cluster
Pulling base image v0.0.46 ...
Updating the running docker "minikube" container ...
Preparing Kubernetes v1.32.0 on Docker 27.4.1 ...
Verifying Kubernetes components...
  ■ Using image docker.io/kubernetesui/dashboard:v2.7.0
  ■ Using image docker.io/kubernetesui/metrics-scraper:v1.0.8
  ■ Using image gcr.io/k8s-minikube/storage-provisioner:v5
Some dashboard features require the metrics-server addon. To enable all features please run:

minikube addons enable metrics-server

★ Enabled addons: storage-provisioner, default-storageclass, dashboard
🌟 Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default
root@ubuntu: /home/vboxuser/Downloads/E-Commerce-main# kubectl apply -f deployment.yml
deployment.apps/react-ecommerce-deployment unchanged
root@ubuntu: /home/vboxuser/Downloads/E-Commerce-main# kubectl get deployments
NAME                READY   UP-TO-DATE   AVAILABLE   AGE
react-ecommerce-deployment  2/2     2            2           21m
root@ubuntu: /home/vboxuser/Downloads/E-Commerce-main# kubectl apply -f deployment.yml
deployment.apps/react-ecommerce-deployment unchanged
root@ubuntu: /home/vboxuser/Downloads/E-Commerce-main# kubectl get deployments
NAME                READY   UP-TO-DATE   AVAILABLE   AGE
react-ecommerce-deployment  2/2     2            2           21m
root@ubuntu: /home/vboxuser/Downloads/E-Commerce-main# cat deployment.yml
apiVersion: apps/v1
kind: Deployment
metadata:
  name: react-ecommerce-deployment
```



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