

TASK 4

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Activities Terminal Thu 15:55 jaha@ubuntu:~  
File Edit View Search Terminal Help  
minikube v1.35.0 on Ubuntu 18.04 (vbox/amd64)  
Using the docker driver based on existing profile  
The requested memory allocation of 2200MiB does not leave room for system overhead (total system memory: 2999MiB). You may face stability issues.  
Suggestion: Start minikube with less memory allocated: 'minikube start --memory=2200mb'  
Starting "minikube" primary control-plane node in "minikube" cluster  
Pulling base image v0.0.46 ...  
Restarting existing docker container for "minikube" ...  
Preparing Kubernetes v1.32.0 on Docker 27.4.1 ...  
Verifying Kubernetes components...  
Using image gcr.io/k8s-minikube/storage-provisioner:v5  
Enabled addons: storage-provisioner, default-storageclass  
/usr/bin/kubectl is version 1.28.15, which may have incompatibilities with Kubernetes 1.32.0.  
Want kubectl v1.32.0? Try 'minikube kubectl -- get pods -A'  
Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default  
jaha@ubuntu:~/capstone$ kubectl get pods  
NAME READY STATUS RESTARTS AGE  
react-e-commerce-655f56bb54-5ctrs 0/1 Completed 0 9m  
react-e-commerce-655f56bb54-sp2lj 0/1 Completed 0 9m  
jaha@ubuntu:~/capstone$ kubectl create -f deployment.yml  
The Service "react-e-commerce-service" is invalid: spec.ports[0].nodePort: Invalid value: 30007: provided port is already allocated  
jaha@ubuntu:~/capstone$ kubectl create deployment react-e-commerce --image=jahaganapath/e-commerce:latest --replicas=2  
error: failed to create deployment: deployments.apps "react-e-commerce" already exists  
jaha@ubuntu:~/capstone$ kubectl get pods  
NAME READY STATUS RESTARTS AGE  
react-e-commerce-655f56bb54-5ctrs 1/1 Running 1 (3m53s ago) 9m22s  
react-e-commerce-655f56bb54-sp2lj 1/1 Running 1 (3m56s ago) 9m22s  
jaha@ubuntu:~/capstone$ minikube ip  
192.168.49.2  
jaha@ubuntu:~/capstone$ curl 192.168.49.2  
curl: (7) Failed to connect to 192.168.49.2 port 80: Connection refused  
jaha@ubuntu:~/capstone$ curl localhost:30007  
curl: (7) Failed to connect to localhost port 30007: Connection refused  
jaha@ubuntu:~/capstone$ curl 192.168.49.2:30007  
<doctype html><html lang="en"><head><meta charset="utf-8"/><link rel="icon" href="/favicon.ico"/><meta name="viewport" content="width=device-width,initial-scale=1"/><meta name="theme-color" content="#000000"/><meta name="description" content="Web site created using create-react-app"/><link rel="apple-touch-icon" href="/logo192.png"/><link rel="manifest" href="/manifest.json"/><link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-1BmE4W8q81VHfLduKHf7AU5auU8T194wRHTJ0brCEXU108oqyl2QvZ6jIw3" crossorigin="anonymous"/><link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.0.5/font/bootstrap-icons.css"/><title>React App</title><script defer="defer" src="/static/js/main.f1c48542.js"/></script><link href="/static/css/main.f1c48542.css" rel="stylesheet"/></head><body><noscript>You need to enable JavaScript to run this app.</noscript><div id="root"></div></body></html>  
jaha@ubuntu:~/capstone$ kubectl get deployments  
NAME READY UP-TO-DATE AVAILABLE AGE  
react-e-commerce 2/2 2 2 34m  
jaha@ubuntu:~/capstone$
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Activities Terminal Thu 16:02 jaha@ubuntu:~  
File Edit View Search Terminal Help  
Enabled addons: storage-provisioner, default-storageclass  
/usr/bin/kubectl is version 1.28.15, which may have incompatibilities with Kubernetes 1.32.0.  
Want kubectl v1.32.0? Try 'minikube kubectl -- get pods -A'  
Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default  
jaha@ubuntu:~/capstone$ kubectl get pods  
NAME READY STATUS RESTARTS AGE  
react-e-commerce-655f56bb54-5ctrs 0/1 Completed 0 9m  
react-e-commerce-655f56bb54-sp2lj 0/1 Completed 0 9m  
jaha@ubuntu:~/capstone$ kubectl create -f deployment.yml  
The Service "react-e-commerce-service" is invalid: spec.ports[0].nodePort: Invalid value: 30007: provided port is already allocated  
jaha@ubuntu:~/capstone$ kubectl create deployment react-e-commerce --image=jahaganapath/e-commerce:latest --replicas=2  
error: failed to create deployment: deployments.apps "react-e-commerce" already exists  
jaha@ubuntu:~/capstone$ kubectl get pods  
NAME READY STATUS RESTARTS AGE  
react-e-commerce-655f56bb54-5ctrs 1/1 Running 1 (3m53s ago) 9m22s  
react-e-commerce-655f56bb54-sp2lj 1/1 Running 1 (3m56s ago) 9m22s  
jaha@ubuntu:~/capstone$ minikube ip  
192.168.49.2  
jaha@ubuntu:~/capstone$ curl 192.168.49.2  
curl: (7) Failed to connect to 192.168.49.2 port 80: Connection refused  
jaha@ubuntu:~/capstone$ curl localhost:30007  
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jaha@ubuntu:~/capstone$ kubectl get deployments  
NAME READY UP-TO-DATE AVAILABLE AGE  
react-e-commerce 2/2 2 2 34m  
jaha@ubuntu:~/capstone$ kubectl get pods  
NAME READY STATUS RESTARTS AGE  
react-e-commerce-655f56bb54-5ctrs 1/1 Running 1 (34m ago) 40m  
react-e-commerce-655f56bb54-sp2lj 1/1 Running 1 (34m ago) 40m  
jaha@ubuntu:~/capstone$ kubectl delete pod react-e-commerce-655f56bb54-5ctrs  
Error from server (NotFound): pods "react-e-commerce-655f56bb54" not found  
Error from server (NotFound): pods "pod" not found  
jaha@ubuntu:~/capstone$ kubectl delete pod react-e-commerce-655f56bb54-5ctrs  
pod "react-e-commerce-655f56bb54-5ctrs" deleted  
jaha@ubuntu:~/capstone$ kubectl get pods  
NAME READY STATUS RESTARTS AGE  
react-e-commerce-655f56bb54-584fx 0/1 ContainerCreating 0 6s  
react-e-commerce-655f56bb54-sp2lj 1/1 Running 1 (36m ago) 42m  
jaha@ubuntu:~/capstone$
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Activities Terminal Thu 16:04 jaha@ubuntu:~  
File Edit View Search Terminal Help  
* Enabled addons: storage-provisioner, default-storageclass  
! /usr/bin/kubectl is version 1.28.15, which may have incompatibilities with Kubernetes 1.32.0.  
■ Want kubectl v1.32.0? Try 'minikube kubectl --get pods -A'  
■ Done! kubectl is now configured to use 'minikube' cluster and 'default' namespace by default  
jaha@ubuntu:~/capstone$ kubectl get pods  
NAME READY STATUS RESTARTS AGE  
react-e-commerce-655f56bb54-5ctr5 0/1 Completed 0 9m  
react-e-commerce-655f56bb54-sp2lj 0/1 Completed 0 9m  
jaha@ubuntu:~/capstone$ kubectl create deployment react-e-commerce --image=jahaganapath/e-commerce:latest --replicas=2  
The Service "react-e-commerce-service" is invalid: spec.ports[0].nodePort: Invalid value: 30007: provided port is already allocated  
jaha@ubuntu:~/capstone$ kubectl create deployment react-e-commerce --image=jahaganapath/e-commerce:latest --replicas=2  
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jaha@ubuntu:~/capstone$ kubectl get pods  
NAME READY STATUS RESTARTS AGE  
react-e-commerce-655f56bb54-5ctr5 1/1 Running 1 (3m53s ago) 9m22s  
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jaha@ubuntu:~/capstone$ minikube ip  
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jaha@ubuntu:~/capstone$ kubectl get deployments  
NAME READY UP-TO-DATE AVAILABLE AGE  
react-e-commerce 2/2 2 2 34m  
jaha@ubuntu:~/capstone$ kubectl get pods  
NAME READY STATUS RESTARTS AGE  
react-e-commerce-655f56bb54-5ctr5 1/1 Running 1 (34m ago) 40m  
react-e-commerce-655f56bb54-sp2lj 1/1 Running 1 (34m ago) 40m  
jaha@ubuntu:~/capstone$ kubectl delete pod react-e-commerce-655f56bb54-5ctr5  
Error from server (NotFound): pods "react-e-commerce-655f56bb54-5ctr5" not found  
jaha@ubuntu:~/capstone$ kubectl delete pod react-e-commerce-655f56bb54-sp2lj  
Error from server (NotFound): pods "pod" not found  
jaha@ubuntu:~/capstone$ kubectl delete pod react-e-commerce-655f56bb54-5ctr5  
pod "react-e-commerce-655f56bb54-5ctr5" deleted  
jaha@ubuntu:~/capstone$ kubectl get pods  
NAME READY STATUS RESTARTS AGE  
react-e-commerce-655f56bb54-584fx 0/1 ContainerCreating 0 6s  
react-e-commerce-655f56bb54-sp2lj 1/1 Running 1 (36m ago) 42m  
jaha@ubuntu:~/capstone$
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Activities Terminal Thu 17:09 jaha@ubuntu:~  
File Edit View Search Terminal Help  
nginx-deployment-58cdc7b878-b2248 1/1 Running 0 27s  
nginx-deployment-58cdc7b878-mvddn 1/1 Running 0 27s  
nginx-deployment-58cdc7b878-nnzqc 1/1 Running 0 27s  
react-e-commerce-655f56bb54-584fx 1/1 Running 0 10m  
react-e-commerce-655f56bb54-sp2lj 1/1 Running 1 (47m ago) 52m  
jaha@ubuntu:~/capstone$ kubectl delete pod nginx-deployment-58cdc7b878-b2248  
pod "nginx-deployment-58cdc7b878-b2248" deleted  
jaha@ubuntu:~/capstone$ kubectl get pods  
NAME READY STATUS RESTARTS AGE  
nginx-deployment-58cdc7b878-mvddn 1/1 Running 0 72s  
nginx-deployment-58cdc7b878-nnzqc 1/1 Running 0 72s  
nginx-deployment-58cdc7b878-kvcch 0/1 ContainerCreating 0 3s  
react-e-commerce-655f56bb54-584fx 1/1 Running 0 11m  
react-e-commerce-655f56bb54-sp2lj 1/1 Running 1 (47m ago) 53m  
jaha@ubuntu:~/capstone$ kubectl scale deployment nginx-deployment --replicas=5  
error: invalid argument "5" for "--replicas" flag: strconv.ParseInt: parsing "5": invalid syntax  
See 'kubectl scale --help' for usage.  
jaha@ubuntu:~/capstone$ kubectl scale deployment nginx-deployment --replicas=3  
deployment.apps/nginx-deployment scaled  
jaha@ubuntu:~/capstone$ kubectl scale deployment react-e-commerce --replicas=3  
deployment.apps/react-e-commerce scaled  
jaha@ubuntu:~/capstone$ kubectl get pods  
NAME READY STATUS RESTARTS AGE  
nginx-deployment-58cdc7b878-mvddn 1/1 Running 0 7m30s  
nginx-deployment-58cdc7b878-nnzqc 1/1 Running 0 7m30s  
nginx-deployment-58cdc7b878-kvcch 1/1 Running 0 6m21s  
react-e-commerce-655f56bb54-584fx 1/1 Running 0 17m  
react-e-commerce-655f56bb54-g49cf 1/1 Running 0 56s  
react-e-commerce-655f56bb54-sp2lj 1/1 Running 1 (54m ago) 59m  
jaha@ubuntu:~/capstone$ kubectl set image deployment/nginx-deployment nginx-container-nginx:1.19  
deployment.apps/nginx-deployment image updated  
jaha@ubuntu:~/capstone$ kubectl get pods  
NAME READY STATUS RESTARTS AGE  
nginx-deployment-58cdc7b878-mvddn 1/1 Running 0 15m  
nginx-deployment-58cdc7b878-nnzqc 1/1 Running 0 15m  
nginx-deployment-58cdc7b878-kvcch 1/1 Running 0 14m  
nginx-deployment-58cdc7b878-b2248 0/1 ContainerCreating 0 9s  
react-e-commerce-655f56bb54-584fx 1/1 Running 0 25m  
react-e-commerce-655f56bb54-g49cf 1/1 Running 0 8m54s  
react-e-commerce-655f56bb54-sp2lj 1/1 Running 1 (62m ago) 67m  
jaha@ubuntu:~/capstone$
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