

```

PS E:\Amaan Vahora\BCDV-4032\Lab4> kubectl apply -f ganache-deployment.yaml
deployment.apps/ganache created
PS E:\Amaan Vahora\BCDV-4032\Lab4> kubectl apply -f ganache-service.yaml
service/ganache created
PS E:\Amaan Vahora\BCDV-4032\Lab4> kubectl apply -f dapp-deployment.yaml
deployment.apps/dapp created
PS E:\Amaan Vahora\BCDV-4032\Lab4> kubectl apply -f react-deployment.yaml
deployment.apps/react created
PS E:\Amaan Vahora\BCDV-4032\Lab4> kubectl apply -f react-service.yaml
service/react created
PS E:\Amaan Vahora\BCDV-4032\Lab4>

```

```

PS E:\Amaan Vahora\BCDV-4032\Lab4> kubectl get pods

```

NAME	READY	STATUS	RESTARTS	AGE
dapp-65fdc95c66-q89rc	0/1	ContainerCreating	0	2m3s
ganache-7fc8fbfbc4-dgvb6	1/1	Running	0	2m34s
mongo-express-deployment-b88f6d45f-wwm4d	0/1	CreateContainerConfigError	0	5d19h
mongodb-stateful-set-0	0/1	CreateContainerConfigError	0	5d21h
nginx-deployment-5f4f55f467-6v9dh	1/1	Running	2 (24m ago)	5d21h
nginx-deployment-5f4f55f467-mbxr7	1/1	Running	2 (24m ago)	5d21h
nginx-deployment-5f4f55f467-wv5rl	1/1	Running	2 (24m ago)	5d21h
nginx-nvpv2	1/1	Running	2 (24m ago)	5d22h
note-deployment-74cc946cd8-2hc6d	1/1	Running	5 (22m ago)	5d19h
note-deployment-74cc946cd8-88rm2	1/1	Running	5 (22m ago)	5d20h
note-server-deployment-6fb5fcb67f-2qhdn	0/1	CreateContainerConfigError	0	5d20h
note-server-deployment-6fb5fcb67f-xncg7	0/1	CreateContainerConfigError	0	5d20h
react-689f46c46c-ffwh7	0/1	ContainerCreating	0	106s
web-0	0/1	Pending	0	5d22h

```

INFO Kubernetes file "dapp-service.yaml" created
INFO Kubernetes file "ganache-service.yaml" created
INFO Kubernetes file "react-service.yaml" created
INFO Kubernetes file "dapp-deployment.yaml" created
INFO Kubernetes file "ganache-deployment.yaml" created
INFO Kubernetes file "react-deployment.yaml" created

```

```

PS E:\Amaan Vahora\BCDV-4032\Lab4> kubectl get services

```

NAME	TYPE	CLUSTER-IP	EXTERNAL-IP	PORT(S)	AGE
ganache	ClusterIP	10.106.248.20	<none>	8545/TCP	3m36s
kubernetes	ClusterIP	10.96.0.1	<none>	443/TCP	5d22h
mongo-express-service	LoadBalancer	10.106.82.114	<pending>	8081:30648/TCP	5d19h
mongodb-service	ClusterIP	10.108.145.224	<none>	27017/TCP	5d20h
note-server-service	ClusterIP	10.108.249.251	<none>	5000/TCP	5d20h
note-service	LoadBalancer	10.110.51.39	<pending>	3000:31125/TCP	5d20h
react	ClusterIP	10.103.40.245	<none>	3000/TCP	2m41s

```

PS E:\Amaan Vahora\BCDV-4032\Lab4> minikube service react

```

NAMESPACE	NAME	TARGET PORT	URL
default	react		No node port

```

✖ service default/react has no node port
✧ Starting tunnel for service react.

```

NAMESPACE	NAME	TARGET PORT	URL
default	react		http://127.0.0.1:57206

```

🌐 Opening service default/react in default browser...
! Because you are using a Docker driver on windows, the terminal needs to be open to run it.

```

127.0.0.1:57774/api/v1/namespaces/kubernetes-dashboard/services/http:kubernetes-dashboard:/proxy/#/workloads?namespace=default

kubernetes default Search

### Workloads

Workloads

Cron Jobs

Daemon Sets

Deployments

Jobs

Pods

Replica Sets

Replication Controllers

Stateful Sets

Service

Ingresses

Ingress Classes

Services

Config and Storage

Config Maps

Persistent Volume Claims

Secrets

Storage Classes

#### Workload Status

Running: 3

Running: 3

Running: 3

Deployments

Pods

Replica Sets

#### Deployments

Name	Images	Labels	Pods	Created ↑
react	schadokar/eth-react:1.0.0	io.kompose.service: react	1 / 1	26 minutes ago
dapp	schadokar/eth-server:1.0.0	io.kompose.service: dapp	1 / 1	26 minutes ago
ganache	schadokar/eth-ganache:1.0.0	io.kompose.service: ganache	1 / 1	26 minutes ago

127.0.0.1:57774/api/v1/namespaces/kubernetes-dashboard/services/http:kubernetes-dashboard:/proxy/#/workloads?namespace=default

kubernetes default Search

### Workloads

Workloads

Cron Jobs

Daemon Sets

Deployments

Jobs

Pods

Replica Sets

Replication Controllers

Stateful Sets

Service

Ingresses

Ingress Classes

Services

Config and Storage

Config Maps

Persistent Volume Claims

Secrets

Storage Classes

#### Deployments

Name	Images	Labels	Pods	Created ↑
react	schadokar/eth-react:1.0.0	io.kompose.service: react	1 / 1	26 minutes ago
dapp	schadokar/eth-server:1.0.0	io.kompose.service: dapp	1 / 1	26 minutes ago
ganache	schadokar/eth-ganache:1.0.0	io.kompose.service: ganache	1 / 1	26 minutes ago

#### Pods

Name	Images	Labels	Node	Status	Restarts	CPU Usage (cores)	Memory Usage (bytes)	Created ↑
react-689f46c46c-lzrip	schadokar/eth-react:1.0.0	io.kompose.network/lab4-default: true io.kompose.service: react pod-template-hash: 689f46c46c	minikube	Running	0	-	-	26 minutes ago
dapp-55fd95c56-grfw	schadokar/eth-server:1.0.0	io.kompose.network/lab4-default: true io.kompose.service: dapp	minikube	Running	0	-	-	26 minutes ago

set message

Set Message
Get Message
Compile Contract
Deploy Contract

Contract compiled successfully!

set message

Set Message
Get Message
Compile Contract
Deploy Contract

0x9573D395b773De57140d11dFc190252Ae1149E50

Hello Amaan here !

Set Message
Get Message
Compile Contract
Deploy Contract

0x7c3848b8993f4b3d77d48ff9b1ff0f6dab317a7dcb5ecceebb33f39a469b0b9f

Hello Amaan here !

Set Message
Get Message
Compile Contract
Deploy Contract

Hello Amaan here !