KUBERNETES – EXERCISES

1) Create a pod called web-server with nginx:1.19.10 image

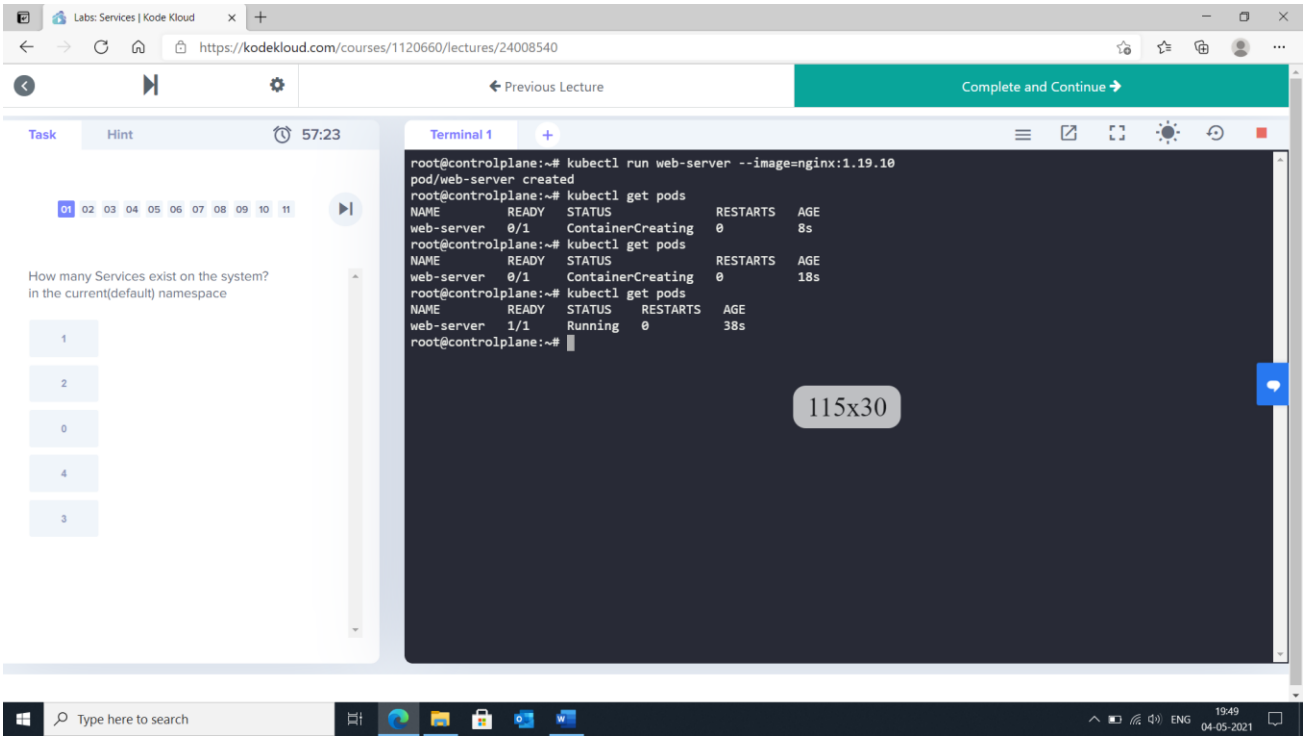
kubectl run web-server - -image=nginx:1.19.10

kubectl get pods

(or)

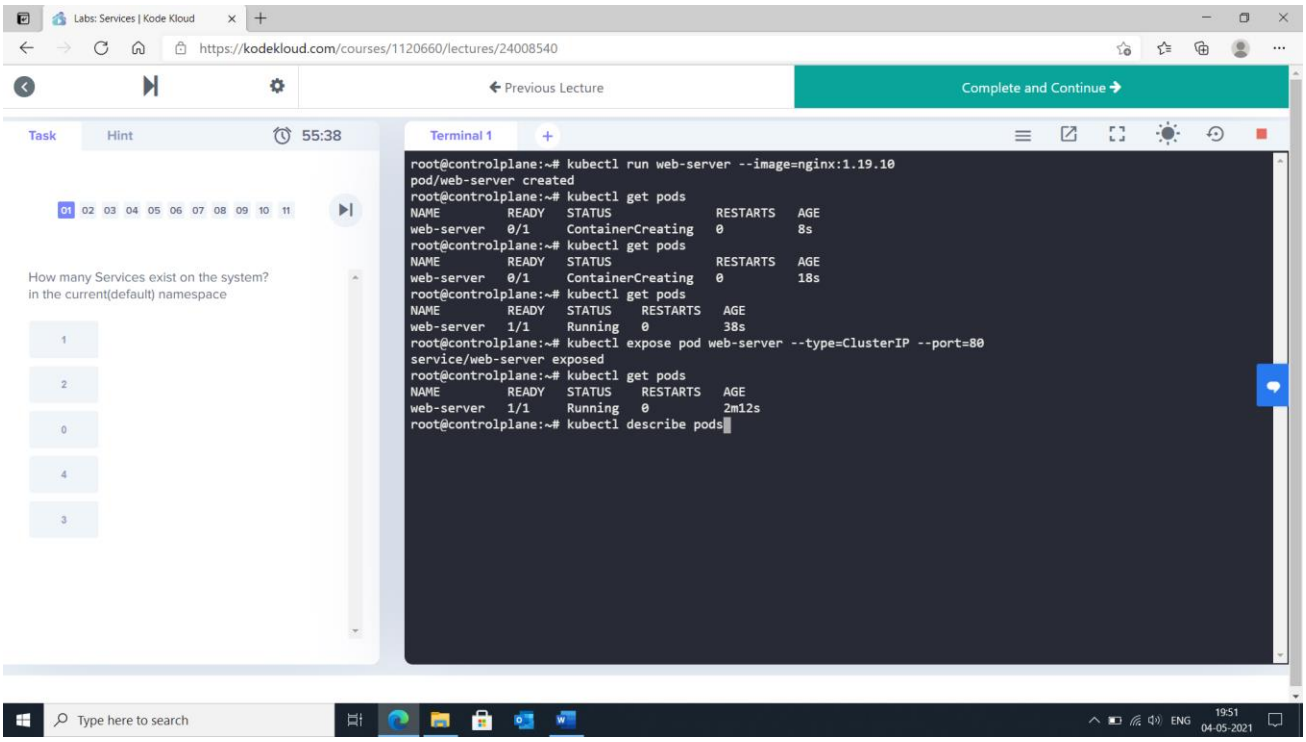
pod-def.yaml

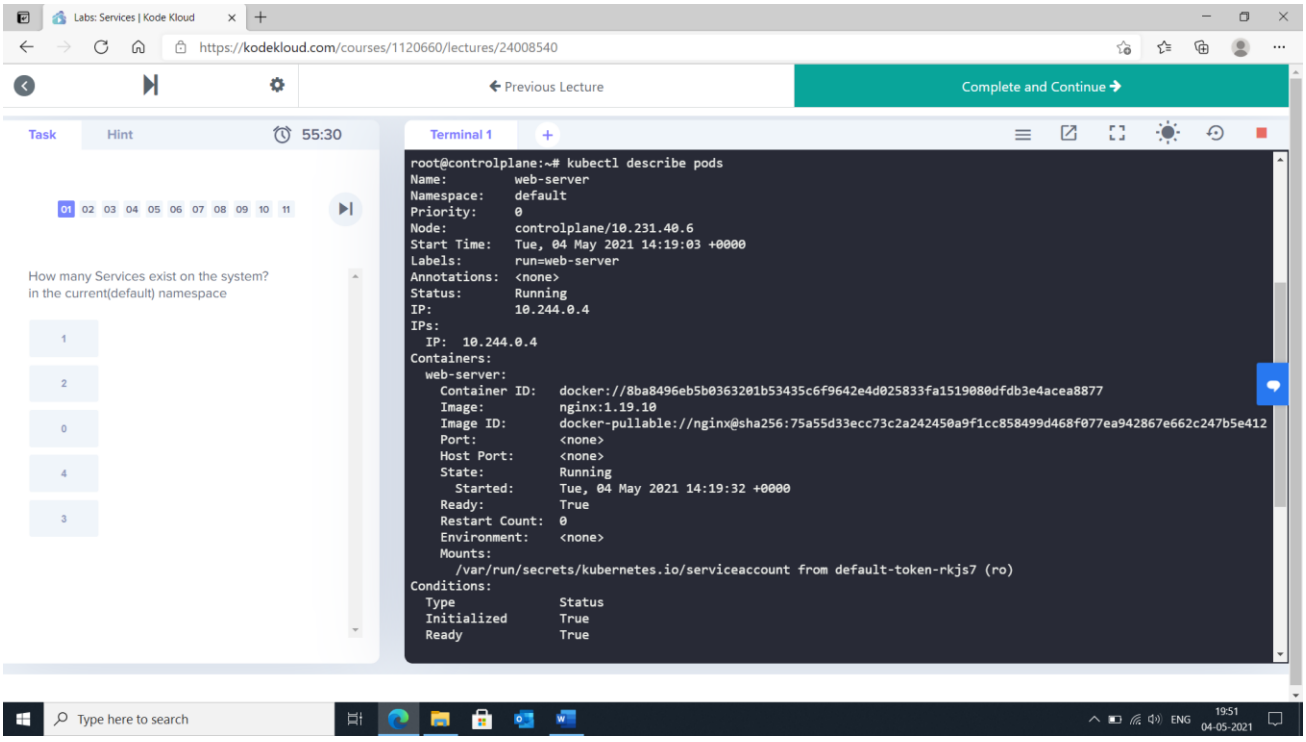
```
apiVersion: v1
kind: Pod
metadata:
        name: web-server
        labels:
            name: web-server
spec:
        containers:
        -   name: nginx
        image: nginx:1.19.10
```



2) Expose port 80 of the web-server pod to be reachable within cluster

kubectl expose pod web-server - -type=ClusterIP - -port=80


Labs: Services | Kode Kloud
https://kodekloud.com/courses/1120660/lectures/24008540
Previous Lecture
Complete and Continue
Task
Hint
55:38
How many Services exist on the system?
in the current(default) namespace
Terminal 1
root@controlplane:~# kubectl run web-server --image=nginx:1.19.10
pod/web-server created
root@controlplane:~# kubectl get pods
NAME READY STATUS RESTARTS AGE
web-server 0/1 ContainerCreating 0 8s
root@controlplane:~# kubectl get pods
NAME READY STATUS RESTARTS AGE
web-server 0/1 ContainerCreating 0 18s
root@controlplane:~# kubectl get pods
NAME READY STATUS RESTARTS AGE
web-server 1/1 Running 0 38s
root@controlplane:~# kubectl expose pod web-server --type=ClusterIP --port=80
service/web-server exposed
root@controlplane:~# kubectl get pods
NAME READY STATUS RESTARTS AGE
web-server 1/1 Running 0 2m12s
root@controlplane:~# kubectl describe pods
Type here to search
ENG
19:51
04-05-2021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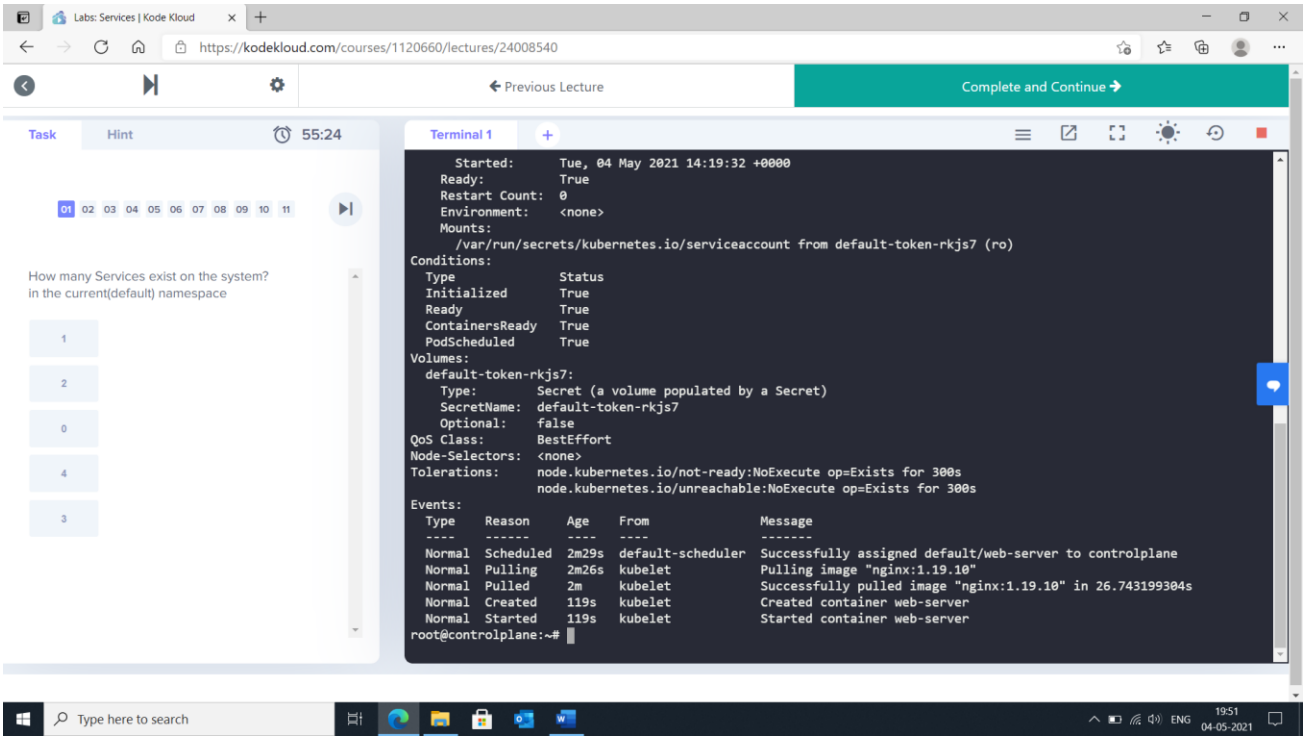
Previous Lecture
Complete and Continue
Task
Hint
55:30
How many Services exist on the system?
in the current(default) namespace
Terminal 1
root@controlplane:~# kubectl describe pods
Name: web-server
Namespace: default
Priority: 0
Node: controlplane/10.231.40.6
Start Time: Tue, 04 May 2021 14:19:03 +0000
Labels: run=web-server
Annotations: <none>
Status: Running
IP: 10.244.0.4
IPs:
IP: 10.244.0.4
Containers:
web-server:
Container ID: docker://8ba8496eb5b0363201b53435c6f9642e4d025833fa1519080dfdb3e4acea8877
Image: nginx:1.19.10
Image ID: docker-pullable://nginx@sha256:75a55d33ecc73c2a242450a9f1cc858499d468f077ea942867e662c247b5e412
Port: <none>
Host Port: <none>
State: Running
Started: Tue, 04 May 2021 14:19:32 +0000
Ready: True
Restart Count: 0
Environment: <none>
Mounts:
/var/run/secrets/kubernetes.io/serviceaccount from default-token-rkjs7 (ro)
Conditions:
Type Status
Initialized True
Ready True
Type here to search
ENG
19:51
04-05-2021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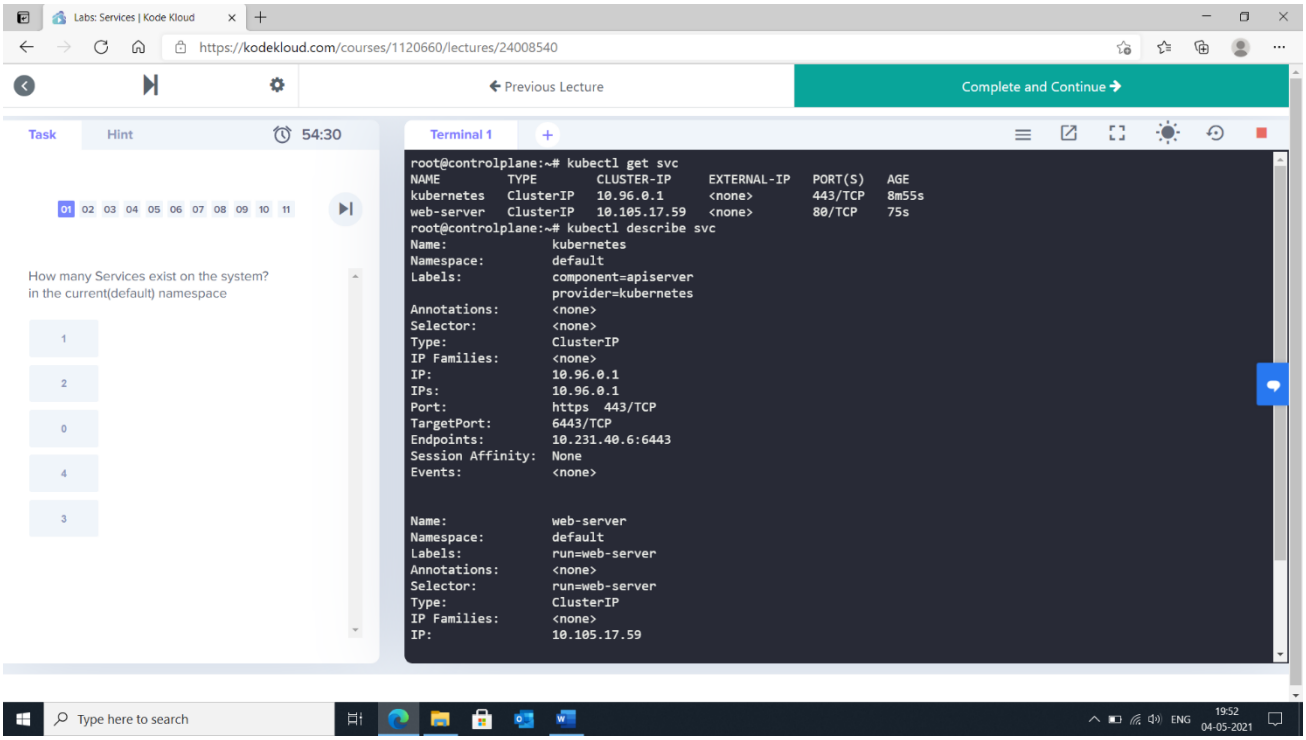
Previous Lecture
Complete and Continue
Task
Hint
55:24
Terminal 1
How many Services exist on the system?
in the current(default) namespace
Started: Tue, 04 May 2021 14:19:32 +0000
Ready: True
Restart Count: 0
Environment: <none>
Mounts:
/var/run/secrets/kubernetes.io/serviceaccount from default-token-rkjs7 (ro)
Conditions:
Type Status
Initialized True
Ready True
ContainersReady True
PodScheduled True
Volumes:
default-token-rkjs7:
Type: Secret (a volume populated by a Secret)
SecretName: default-token-rkjs7
Optional: false
QoS Class: BestEffort
Node-Selectors: <none>
Tolerations: node.kubernetes.io/not-ready:NoExecute op=Exists for 300s
node.kubernetes.io/unreachable:NoExecute op=Exists for 300s
Events:
Type Reason Age From Message
Normal Scheduled 2m29s default-scheduler Successfully assigned default/web-server to controlplane
Normal Pulling 2m26s kubelet Pulling image "nginx:1.19.10"
Normal Pulled 2m kubelet Successfully pulled image "nginx:1.19.10" in 26.743199304s
Normal Created 119s kubelet Created container web-server
Normal Started 119s kubelet Started container web-server
root@controlplane:~#
Type here to search
ENG
19:51
04-05-2021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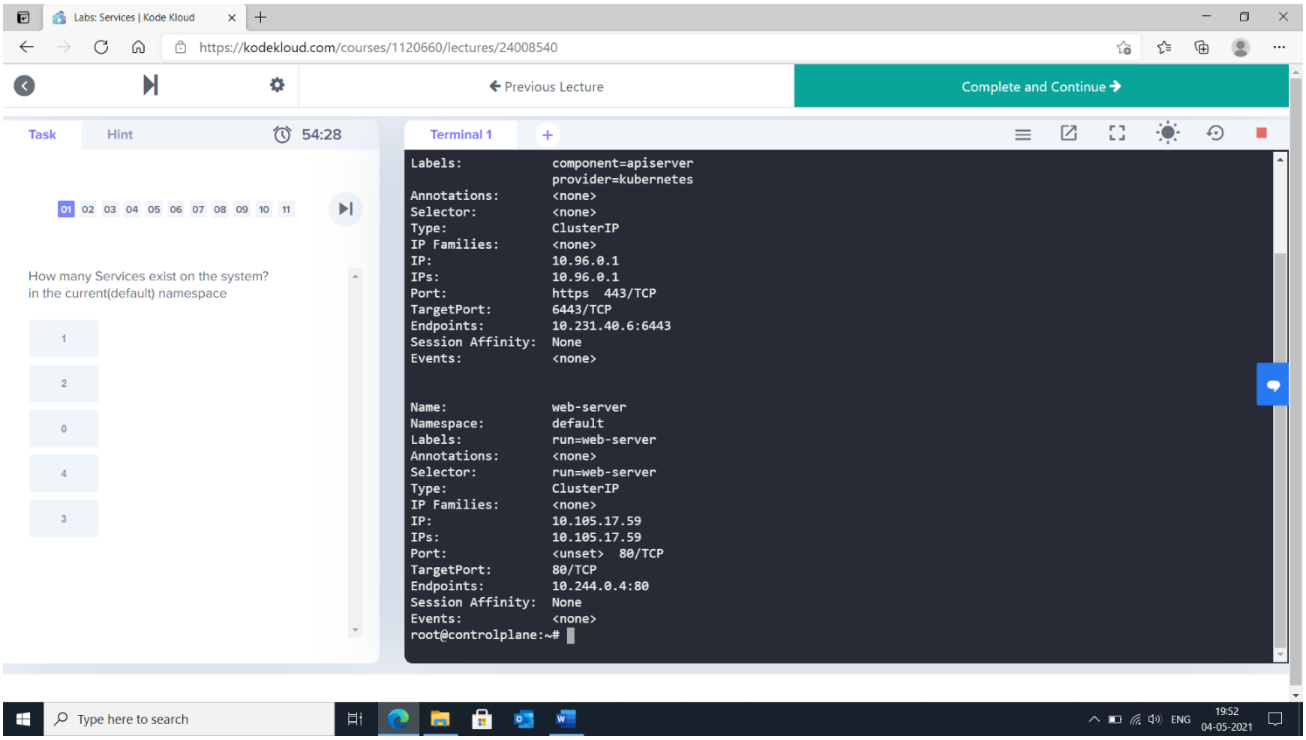
Previous Lecture
Complete and Continue
Task
Hint
54:30
Terminal 1
How many Services exist on the system?
in the current(default) namespace
root@controlplane:~# kubectl get svc
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 8m55s
web-server ClusterIP 10.105.17.59 <none> 80/TCP 75s
root@controlplane:~# kubectl describe svc
Name: kubernetes
Namespace: default
Labels: component=apiserver
provider=kubernetes
Annotations: <none>
Selector: <none>
Type: ClusterIP
IP Families: <none>
IP: 10.96.0.1
IPs: 10.96.0.1
Port: https 443/TCP
TargetPort: 6443/TCP
Endpoints: 10.231.40.6:6443
Session Affinity: None
Events: <none>
Name: web-server
Namespace: default
Labels: run=web-server
Annotations: <none>
Selector: run=web-server
Type: ClusterIP
IP Families: <none>
IP: 10.105.17.59
Type here to search
ENG
19:52
04-05-2021



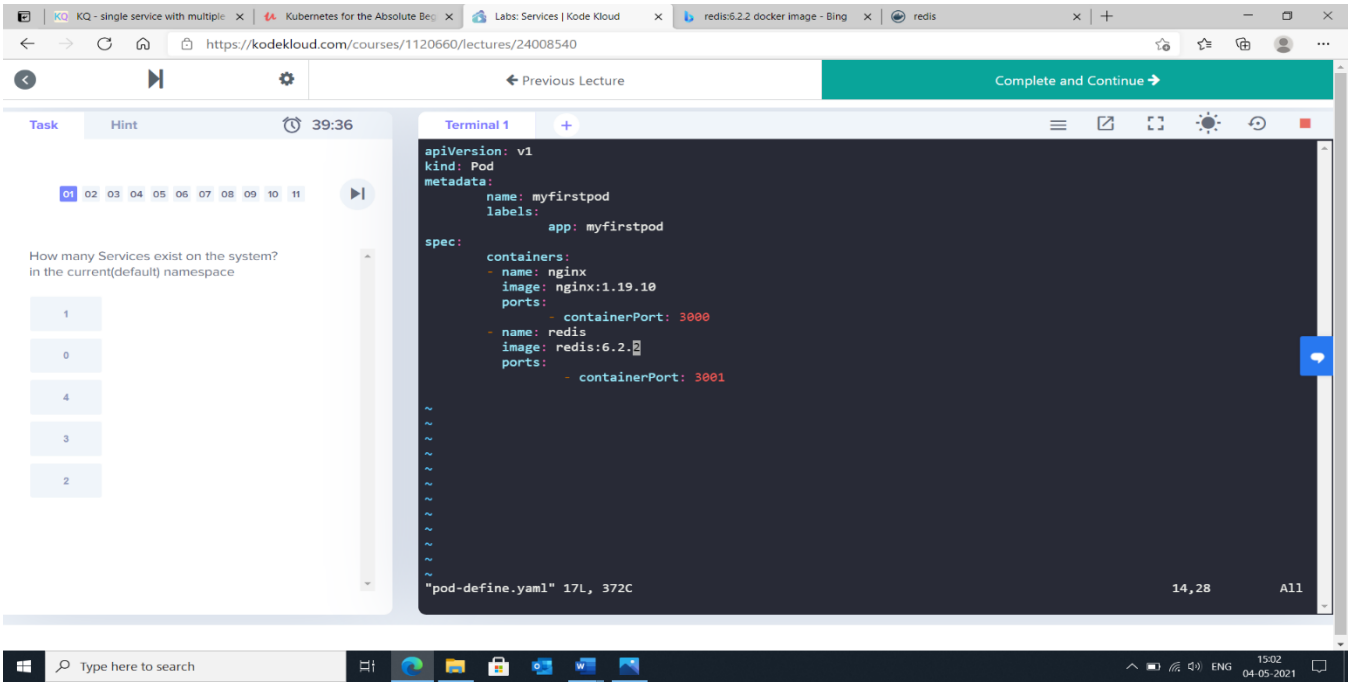
3) Create a single pod with below images:

i) nginx:1.19.10

ii) redis:6.2.2

pod-define.yaml

```
apiVersion: v1
kind: Pod
metadata:
        name: nginx
spec:
        containers:
        -    name: nginx
        image: nginx:1.19.10
        ports:
           containerPort: 3000
           name: redis
            image: nginx:6.2.2
        ports:
           containerPort: 3001
```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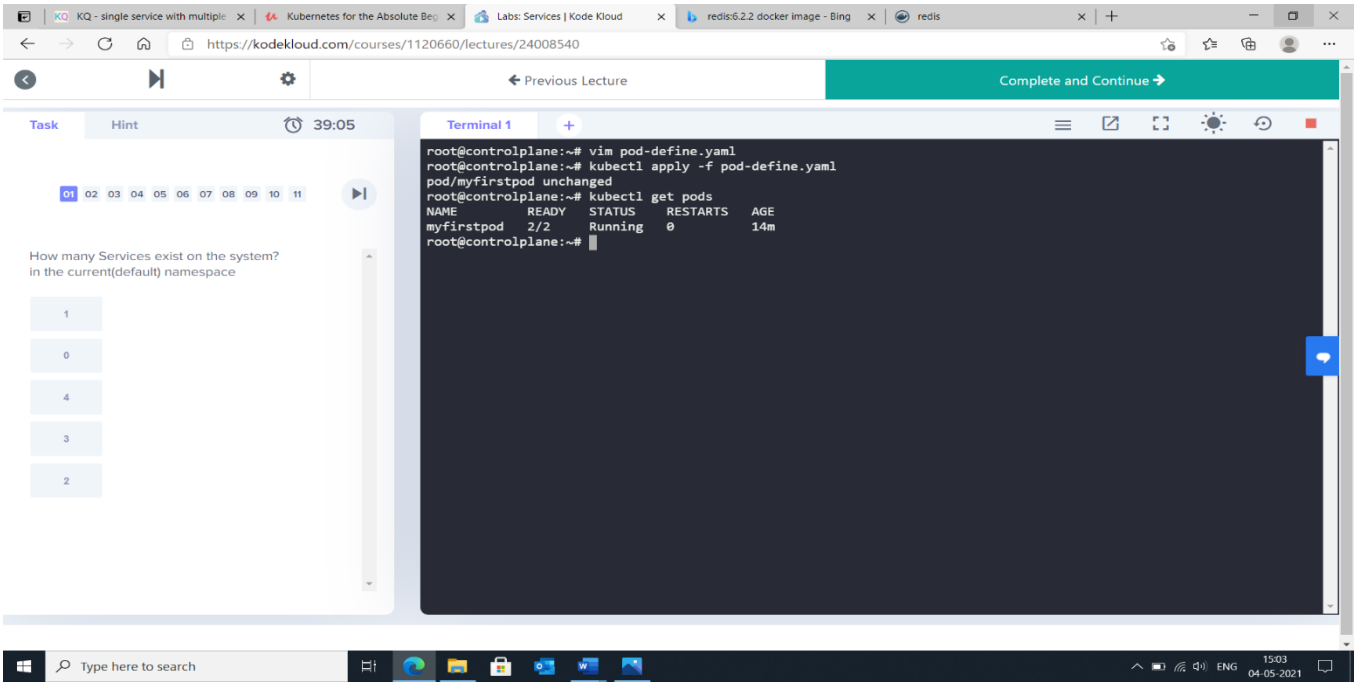
Previous Lecture
Complete and Continue
Task
Hint
39:36
How many Services exist on the system?
in the current(default) namespace
Terminal 1
apiVersion: v1
kind: Pod
metadata:
name: myfirstpod
labels:
app: myfirstpod
spec:
containers:
- name: nginx
image: nginx:1.19.10
ports:
- containerPort: 3000
- name: redis
image: redis:6.2.2
ports:
- containerPort: 3001
"pod-define.yaml" 17L, 372C
14,28
All
Type here to search
ENG
15:02
04-05-2021


https://kodekloud.com/courses/1120660/lectures/24008540
Previous Lecture
Complete and Continue
Task
Hint
39:05
How many Services exist on the system?
in the current(default) namespace
Terminal 1
root@controlplane:~# vim pod-define.yaml
root@controlplane:~# kubectl apply -f pod-define.yaml
pod/myfirstpod unchanged
root@controlplane:~# kubectl get pods
NAME READY STATUS RESTARTS AGE
myfirstpod 2/2 Running 0 14m
root@controlplane:~#
Type here to search
ENG
15:03
04-05-2021

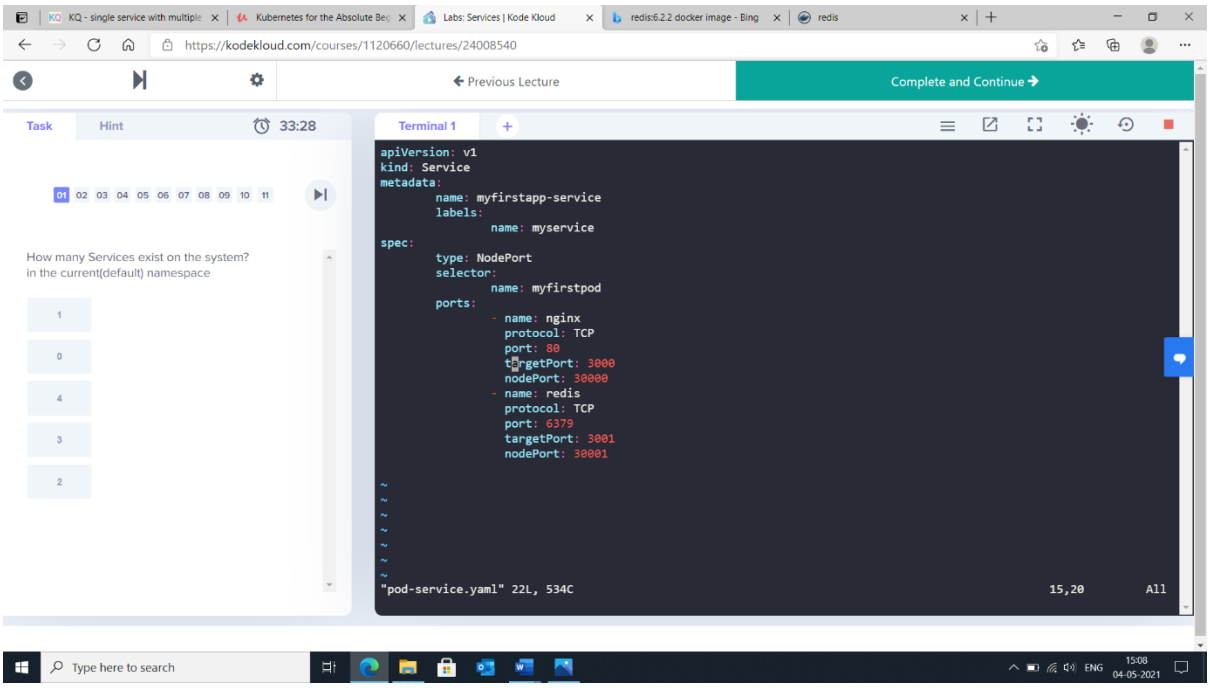
4) Expose port 80 and 6379 of the above created pod such that the application can be connected from the outside world using node's IP address

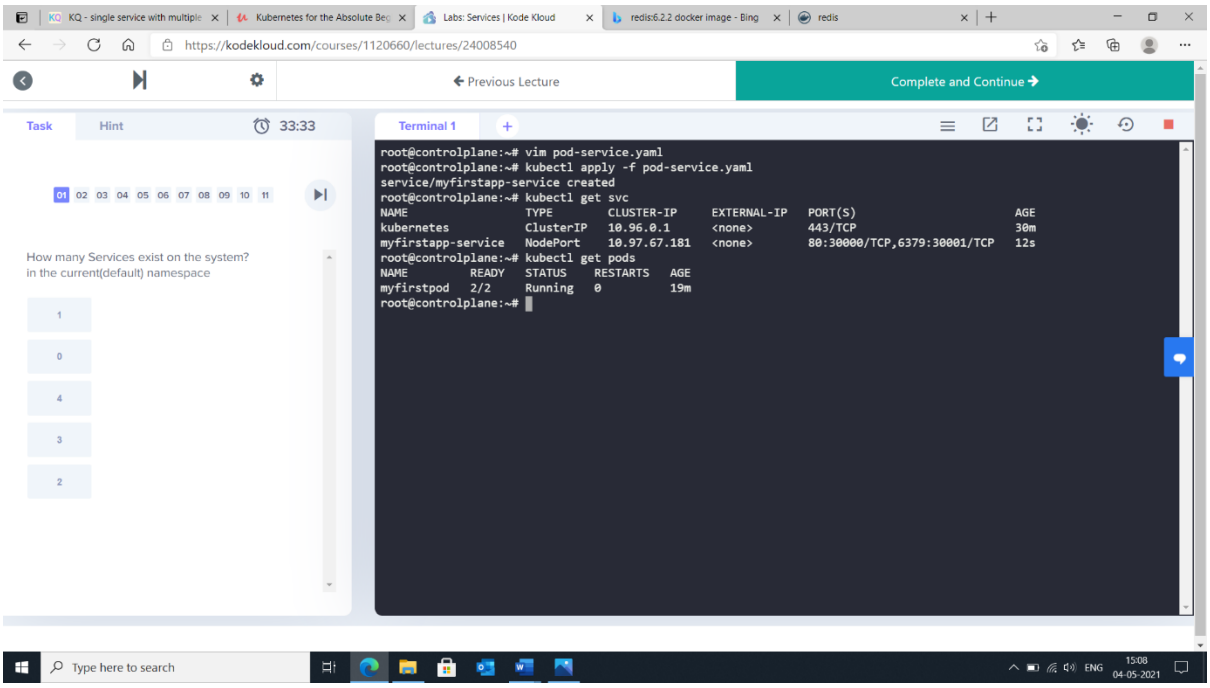
pod-define.yaml

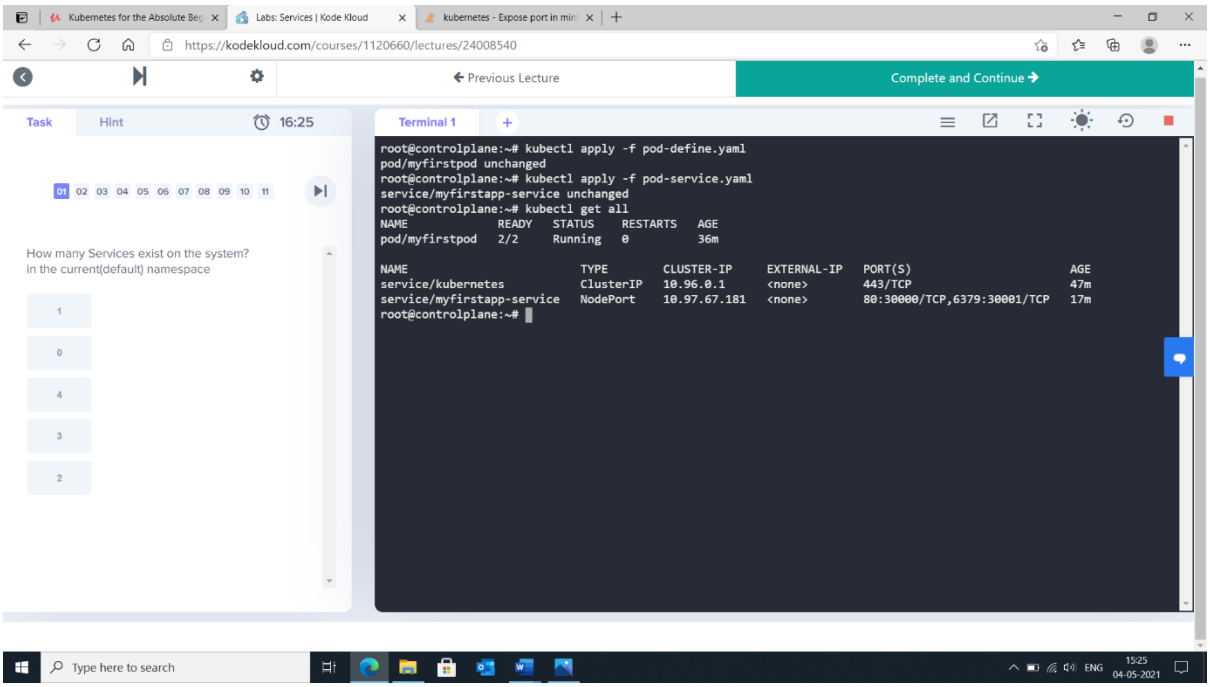
```
apiVersion: v1
kind: Pod
metadata:
        name: myfirstpod
        labels:
                app: myfirstpod
spec:
        containers:
        - name: nginx
          image: nginx:1.19.10
          ports:
            - containerPort: 3000
        - name: redis
          image: nginx:6.2.2
          ports:
            - containerPort: 3001
```

pod-service.yaml

```
apiVersion: v1
kind: Service
metadata:
    name: myfirstapp-service
    labels:
        name: myservice
spec:
    type: NodePort
    selector:
        name: myfirstpod
    ports:
    - name: nginx
      protocol: TCP
      port: 80
      targetPort: 3000
      nodePort: 30000
    - name: redis
      protocol: TCP
      port: 6379
      targetPort: 3001
      nodePort: 30001
```


https://kodekloud.com/courses/1120660/lectures/24008540
Previous Lecture
Complete and Continue
Task
Hint
33:28
Terminal 1
How many Services exist on the system?
in the current(default) namespace
apiVersion: v1
kind: Service
metadata:
name: myfirstapp-service
labels:
name: myservice
spec:
type: NodePort
selector:
name: myfirstpod
ports:
- name: nginx
protocol: TCP
port: 80
targetPort: 3000
nodePort: 30000
- name: redis
protocol: TCP
port: 6379
targetPort: 3001
nodePort: 30001
"pod-service.yaml" 22L, 534C
15,20
All
Type here to search
ENG
15:08
04-05-2021

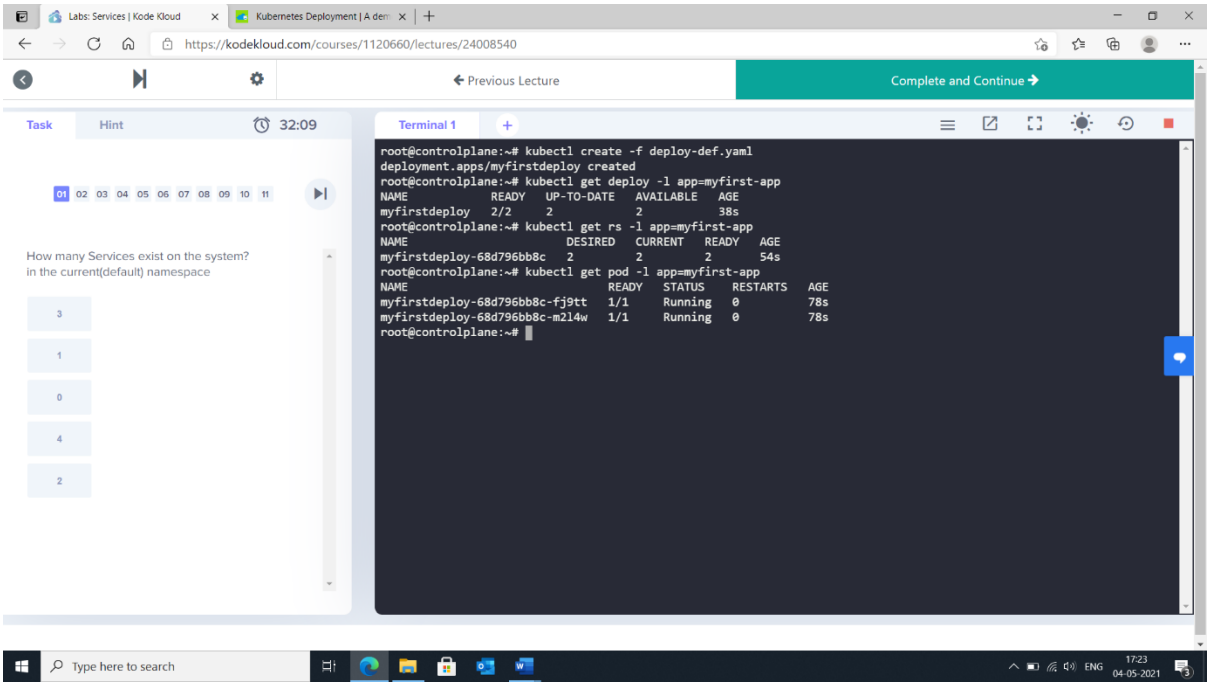

https://kodekloud.com/courses/1120660/lectures/24008540
Previous Lecture
Complete and Continue
Task
Hint
33:33
Terminal 1
How many Services exist on the system?
in the current(default) namespace
root@controlplane:~# vim pod-service.yaml
root@controlplane:~# kubectl apply -f pod-service.yaml
service/myfirstapp-service created
root@controlplane:~# kubectl get svc
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 30m
myfirstapp-service NodePort 10.97.67.181 <none> 80:30000/TCP,6379:30001/TCP 12s
root@controlplane:~# kubectl get pods
NAME READY STATUS RESTARTS AGE
myfirstpod 2/2 Running 0 19m
root@controlplane:~#
Type here to search
ENG
15:08
04-05-2021



5) Create a deployment web-deploy with nginx:1.19.10 image of 2 replica

deploy-def.yaml

```
apiVersion: apps/v1
kind: Deployment
metadata:
        name: myfirstdeploy
        labels:
                app: myfirst-app
spec:
        replicas: 2
        selector:
                matchLabels:
                        app: myfirst-app
        template:
                metadata:
                        labels:
                                app: myfirst-app
        containers:
        - name: nginx
          image: nginx:1.19.10
          ports:
        - containerPort: 80
```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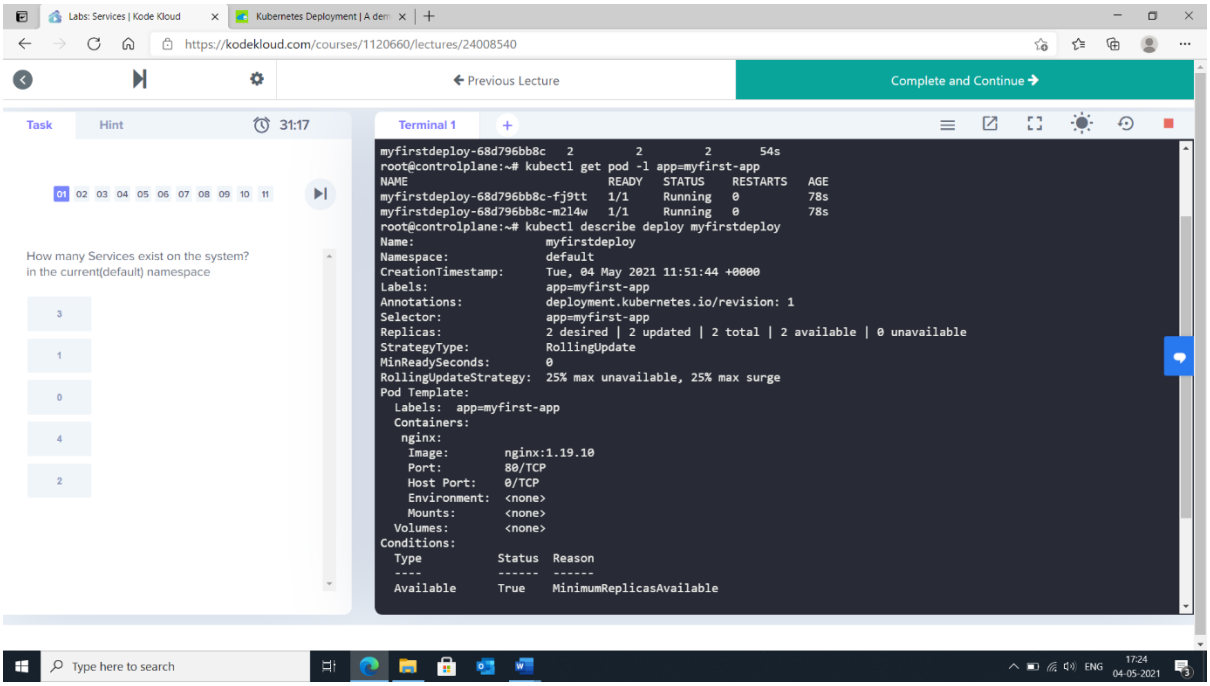
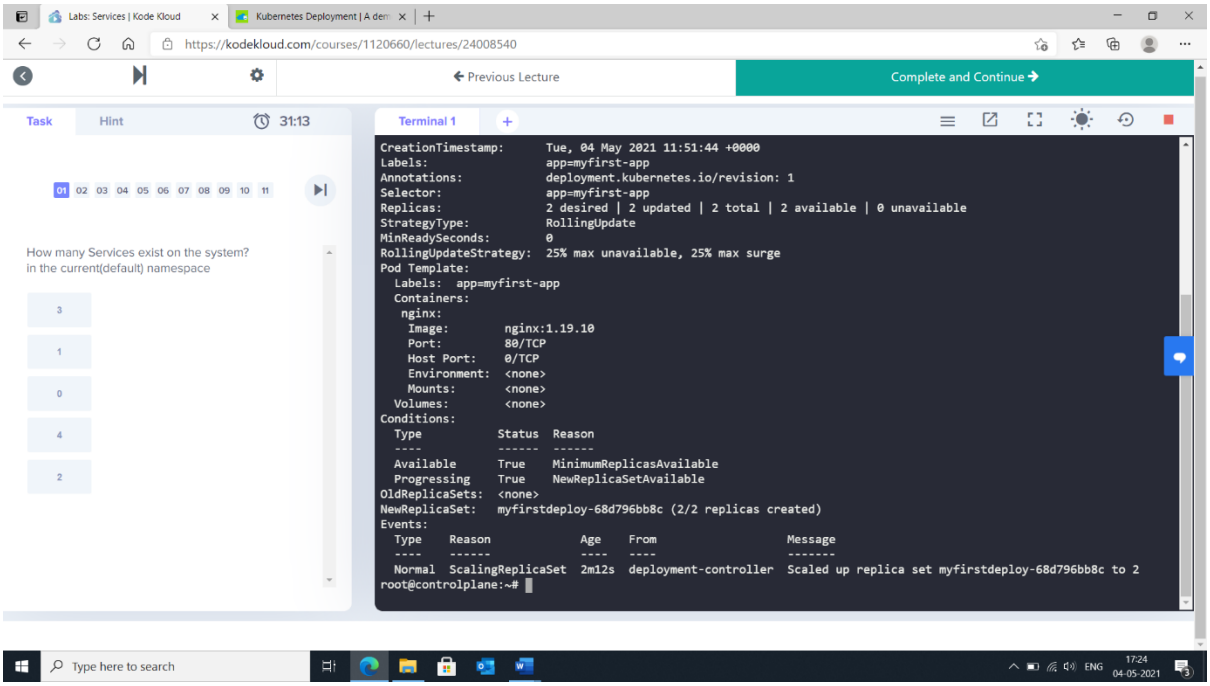
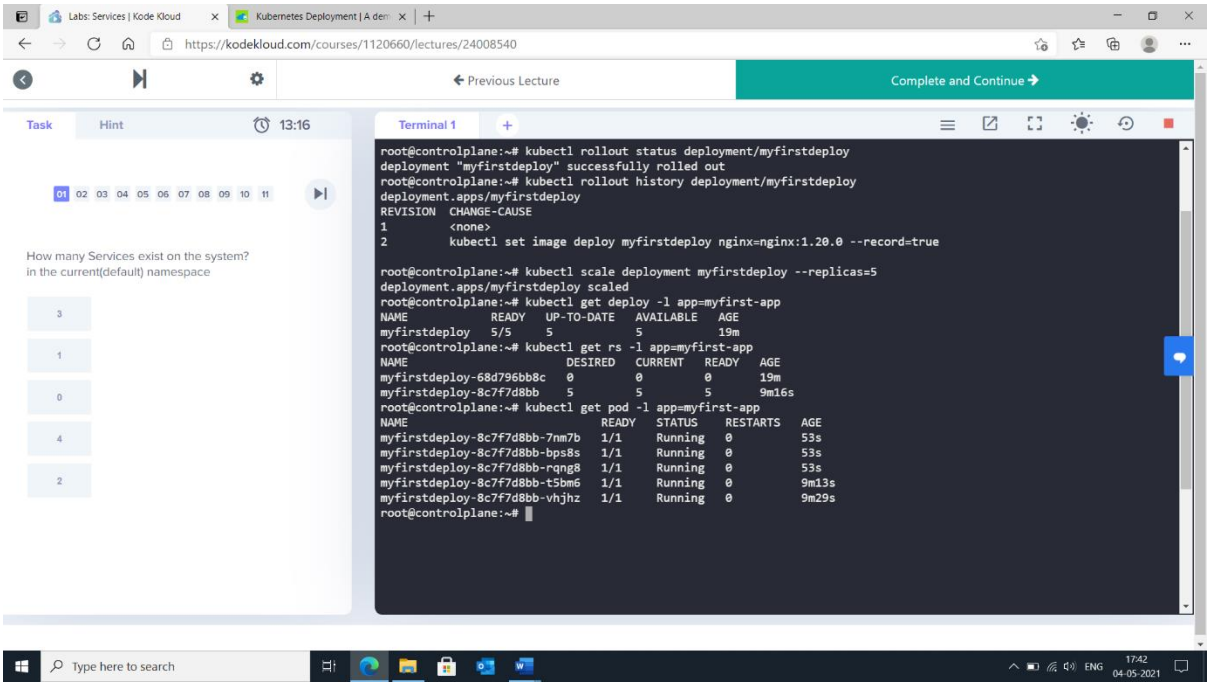
Kubernetes Deployment | A dem
https://kodekloud.com/courses/1120660/lectures/24008540
Previous Lecture
Complete and Continue
Task
Hint
32:09
Terminal 1
01 02 03 04 05 06 07 08 09 10 11
How many Services exist on the system?
in the current(default) namespace
3
1
0
4
2
root@controlplane:~# kubectl create -f deploy-def.yaml
deployment.apps/myfirstdeploy created
root@controlplane:~# kubectl get deploy -l app=myfirst-app
NAME READY UP-TO-DATE AVAILABLE AGE
myfirstdeploy 2/2 2 2 38s
root@controlplane:~# kubectl get rs -l app=myfirst-app
NAME DESIRED CURRENT READY AGE
myfirstdeploy-68d796bb8c 2 2 2 54s
root@controlplane:~# kubectl get pod -l app=myfirst-app
NAME READY STATUS RESTARTS AGE
myfirstdeploy-68d796bb8c-fj9tt 1/1 Running 0 78s
myfirstdeploy-68d796bb8c-m214w 1/1 Running 0 78s
root@controlplane:~#
Type here to search
ENG
17:23
04-05-2021


Labs: Services | Kode Kloud
Kubernetes Deployment | A dem
https://kodekloud.com/courses/1120660/lectures/24008540
Previous Lecture
Complete and Continue
Task
Hint
31:17
Terminal 1
01 02 03 04 05 06 07 08 09 10 11
How many Services exist on the system?
in the current(default) namespace
3
1
0
4
2
myfirstdeploy-68d796bb8c 2 2 2 54s
root@controlplane:~# kubectl get pod -l app=myfirst-app
NAME READY STATUS RESTARTS AGE
myfirstdeploy-68d796bb8c-fj9tt 1/1 Running 0 78s
myfirstdeploy-68d796bb8c-m214w 1/1 Running 0 78s
root@controlplane:~# kubectl describe deploy myfirstdeploy
Name: myfirstdeploy
Namespace: default
CreationTimestamp: Tue, 04 May 2021 11:51:44 +0000
Labels: app=myfirst-app
Annotations: deployment.kubernetes.io/revision: 1
Selector: app=myfirst-app
Replicas: 2 desired | 2 updated | 2 total | 2 available | 0 unavailable
StrategyType: RollingUpdate
MinReadySeconds: 0
RollingUpdateStrategy: 25% max unavailable, 25% max surge
Pod Template:
Labels: app=myfirst-app
Containers:
nginx:
Image: nginx:1.19.10
Port: 80/TCP
Host Port: 0/TCP
Environment: <none>
Mounts: <none>
Volumes: <none>
Conditions:
Type Status Reason
Available True MinimumReplicasAvailable
Type here to search
ENG
17:24
04-05-2021



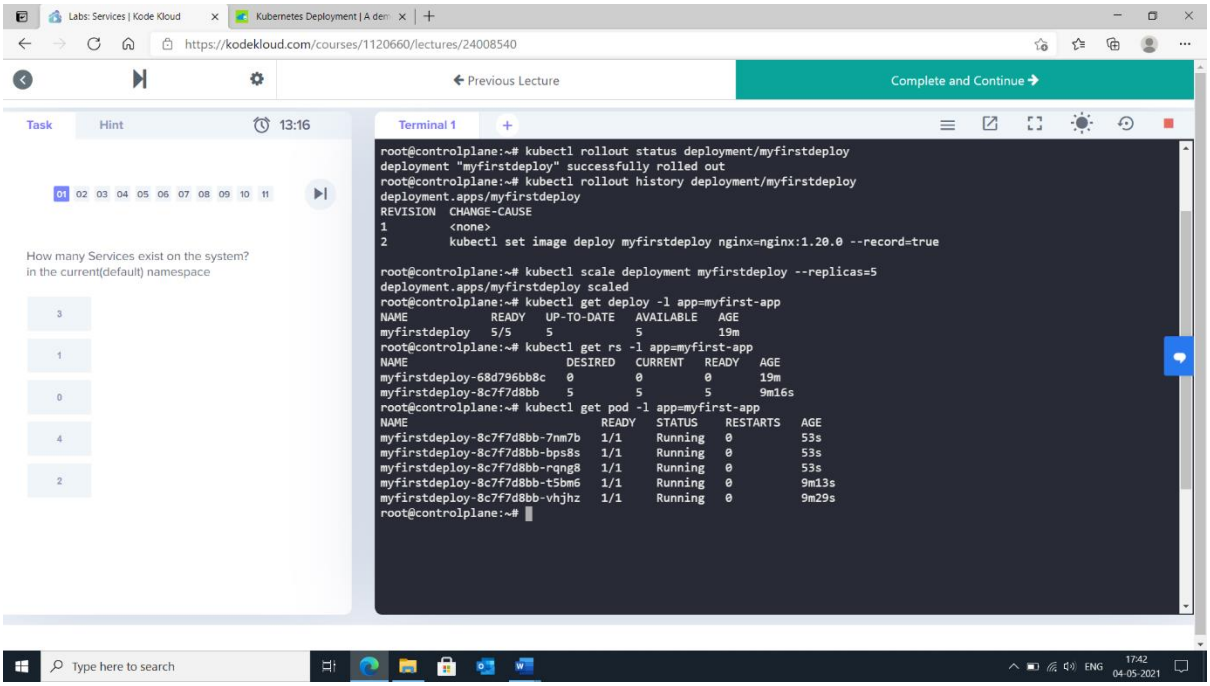
6) Change the image of web-deploy to nginx:1.20.0 and record the change

kubectl set image deploy myfirstdeploy nginx=nginx:1.20.0 - -record



7) Scale web-deploy to 5 replica

kubectl scale deployment myfirstdeploy - -replicas=5



8) Create a persistent volume redis-pv with below specs:

i) hostpath /mnt/redis/data

ii) storage size 2Gi

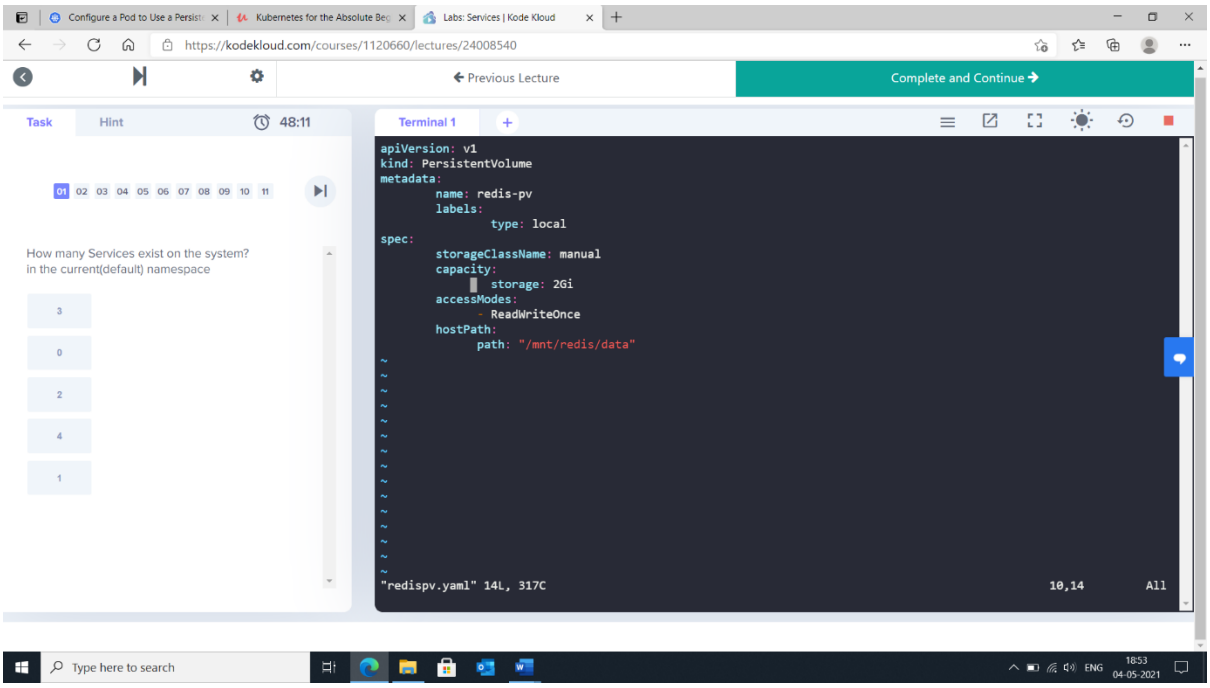
iii) access mode – ReadWriteOnce

redispv.yaml

```
apiVersion: v1
kind: PersistentVolume
metadata:
        name: redis-pv
        labels:
                type: local
spec:
        storageClassName: manual
        capacity:
                storage: 2Gi
        accessModes:
                - ReadWriteOnce
        hostPath:
                path: “/mnt/redis/data”
```

kubectl apply -f redispv.yaml

kubectl get pv redis-pv


Configure a Pod to Use a Persist
Kubernetes for the Absolute Beg
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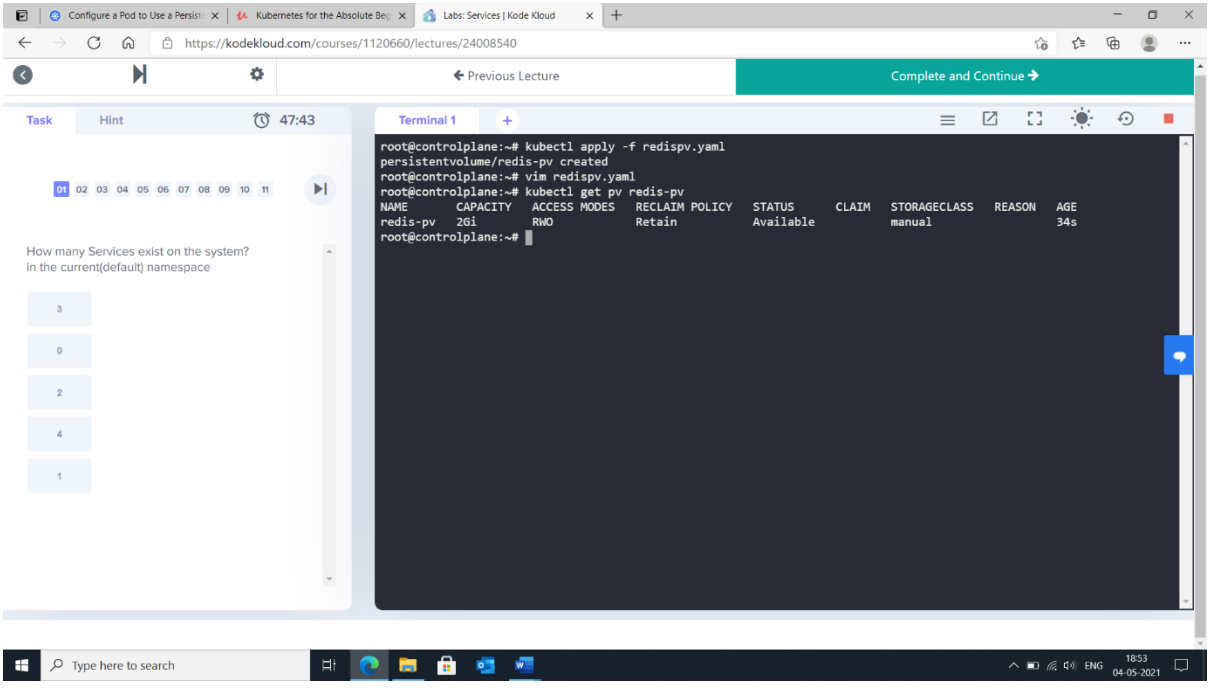
Previous Lecture
Complete and Continue
Task
Hint
48:11
01 02 03 04 05 06 07 08 09 10 11
How many Services exist on the system?
in the current(default) namespace
3
0
2
4
1
Terminal 1
apiVersion: v1
kind: PersistentVolume
metadata:
name: redis-pv
labels:
type: local
spec:
storageClassName: manual
capacity:
storage: 2Gi
accessModes:
- ReadWriteOnce
hostPath:
path: "/mnt/redis/data"
"redispv.yaml" 14L, 317C
10,14
All
Type here to search
ENG
18:53
04-05-2021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Previous Lecture
Complete and Continue
Task
Hint
47:43
01 02 03 04 05 06 07 08 09 10 11
How many Services exist on the system?
in the current(default) namespace
3
0
2
4
1
Terminal 1
root@controlplane:~# kubectl apply -f redispv.yaml
persistentvolume/redis-pv created
root@controlplane:~# vim redispv.yaml
root@controlplane:~# kubectl get pv redis-pv
NAME CAPACITY ACCESS MODES RECLAIM POLICY STATUS CLAIM STORAGECLASS REASON AGE
redis-pv 2Gi RWO Retain Available manual 34s
root@controlplane:~#
Type here to search
ENG
18:53
04-05-2021

9) Create a persistent volume claim redis-pvc that claims redis-pv persistent volume

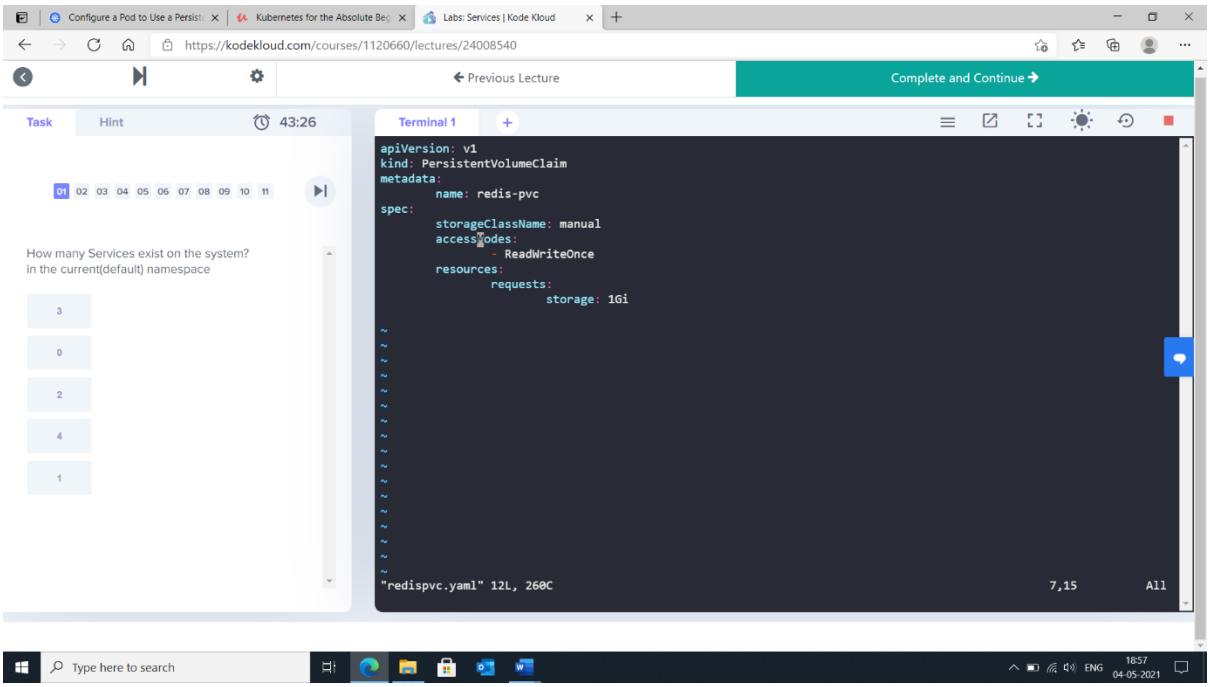
redispvc.yaml

```
apiVersion: v1
kind: PersistentVolumeClaim
metadata:
        name: redis-pvc
spec:
        storageClassName: manual
        accessmodes:
                - ReadWriteOnce
        resources:
                requests:
                        storage: 1Gi
```

kubectl apply -f redis-pvc.yaml

kubectl get pv redis-pv

kubectl get pvc redis-pvc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Labs: Services | Kode Kloud
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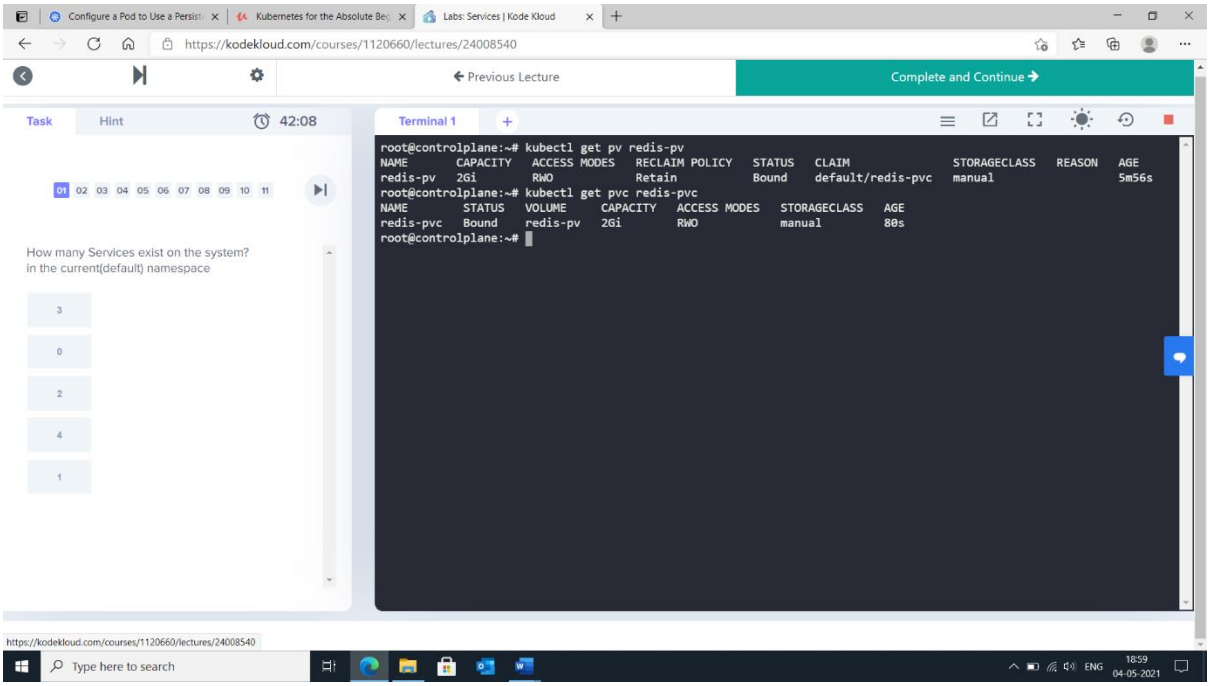
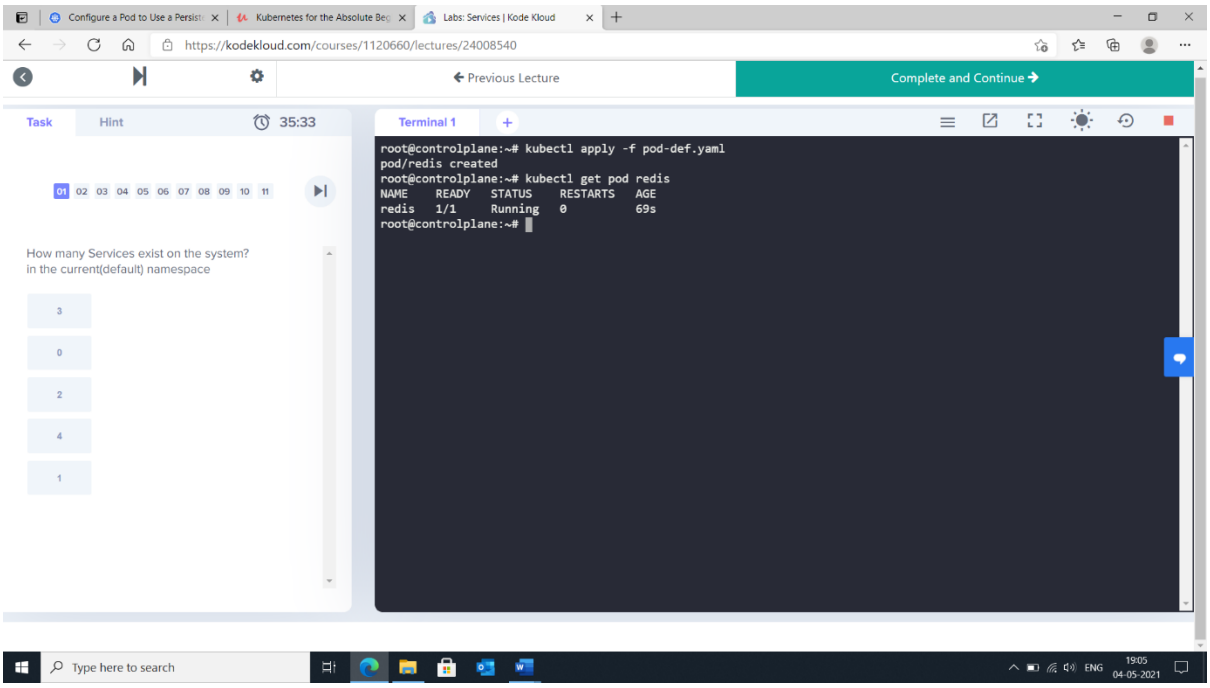
Previous Lecture
Complete and Continue
Task
Hint
43:26
01 02 03 04 05 06 07 08 09 10 11
How many Services exist on the system?
in the current(default) namespace
3
0
2
4
1
Terminal 1
apiVersion: v1
kind: PersistentVolumeClaim
metadata:
name: redis-pvc
spec:
storageClassName: manual
accessModes:
- ReadWriteOnce
resources:
requests:
storage: 1Gi
"redispvc.yaml" 12L, 260C
7,15
All
Type here to search
ENG
18:57
04-05-2021


Configure a Pod to Use a Persist
Kubernetes for the Absolute Beg
Labs: Services | Kode Kloud
https://kodekloud.com/courses/1120660/lectures/24008540
Previous Lecture
Complete and Continue
Task
Hint
42:08
01 02 03 04 05 06 07 08 09 10 11
How many Services exist on the system?
in the current(default) namespace
3
0
2
4
1
Terminal 1
root@controlplane:~# kubectl get pv redis-pv
NAME CAPACITY ACCESS MODES RECLAIM POLICY STATUS CLAIM STORAGECLASS REASON AGE
redis-pv 2Gi RWO Retain Bound default/redis-pvc manual 5m56s
root@controlplane:~# kubectl get pvc redis-pvc
NAME STATUS VOLUME CAPACITY ACCESS MODES STORAGECLASS AGE
redis-pvc Bound redis-pv 2Gi RWO manual 80s
root@controlplane:~#
https://kodekloud.com/courses/1120660/lectures/24008540
Type here to search
ENG
18:59
04-05-2021

10) Create a pod redis which binds the redis-pvc to the path /data with image redis:6.2.2

pod-def.yaml

```
apiVersion: v1
kind: Pod
metadata:
    name: redis
spec:
    volumes:
        - name: redis-storage
          persistentVolumeClaim:
              claimName: redis-pvc
    containers:
        - name:  redispv-container
          image: redis:6.2.2
          ports:
            - containerPort: 80
              name: redis
          volumeMounts:
            - mountPath: "/data"
              name: redis-storage
```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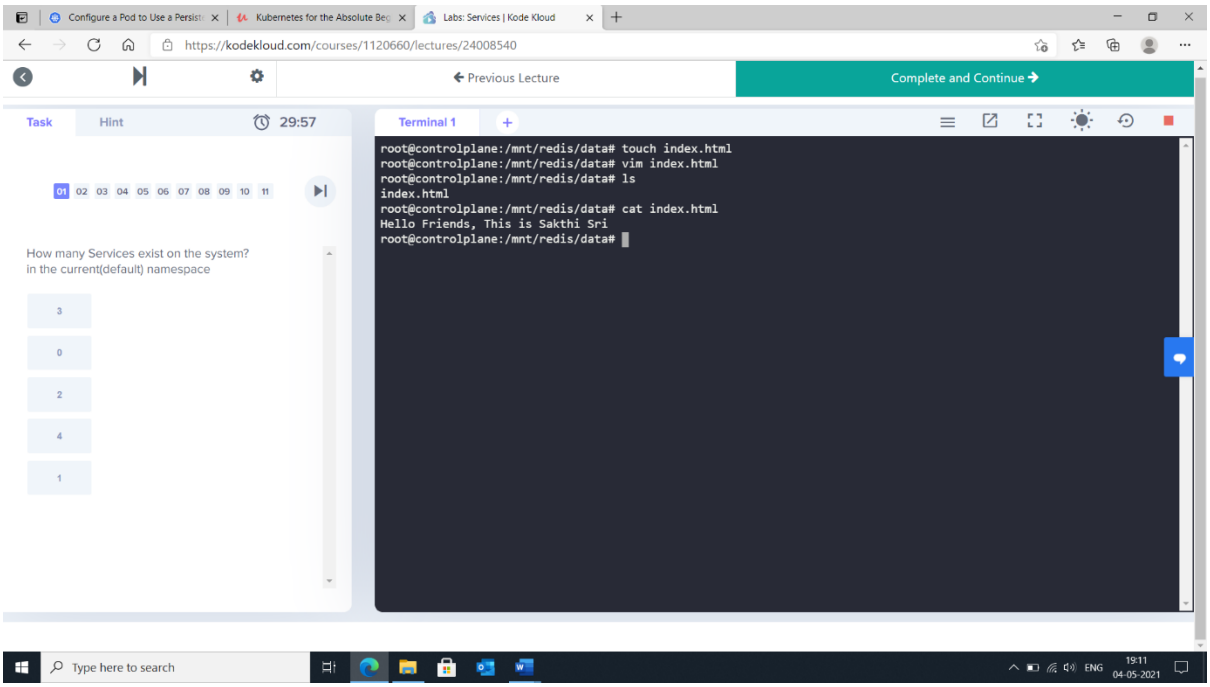
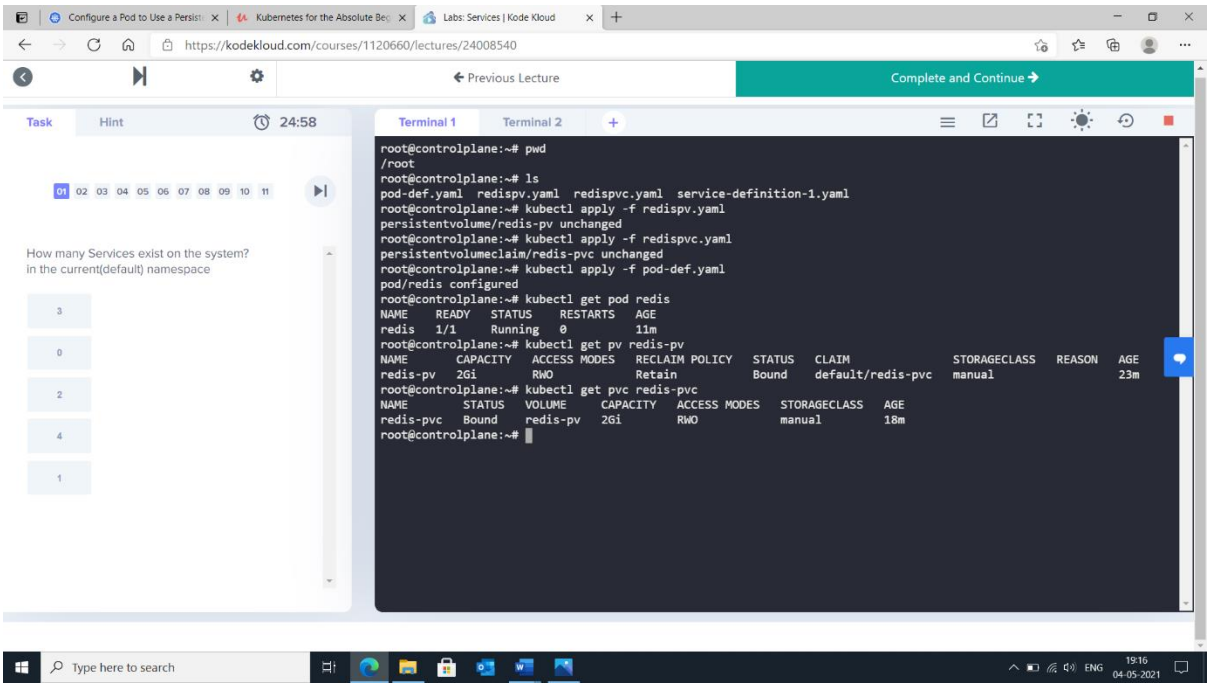
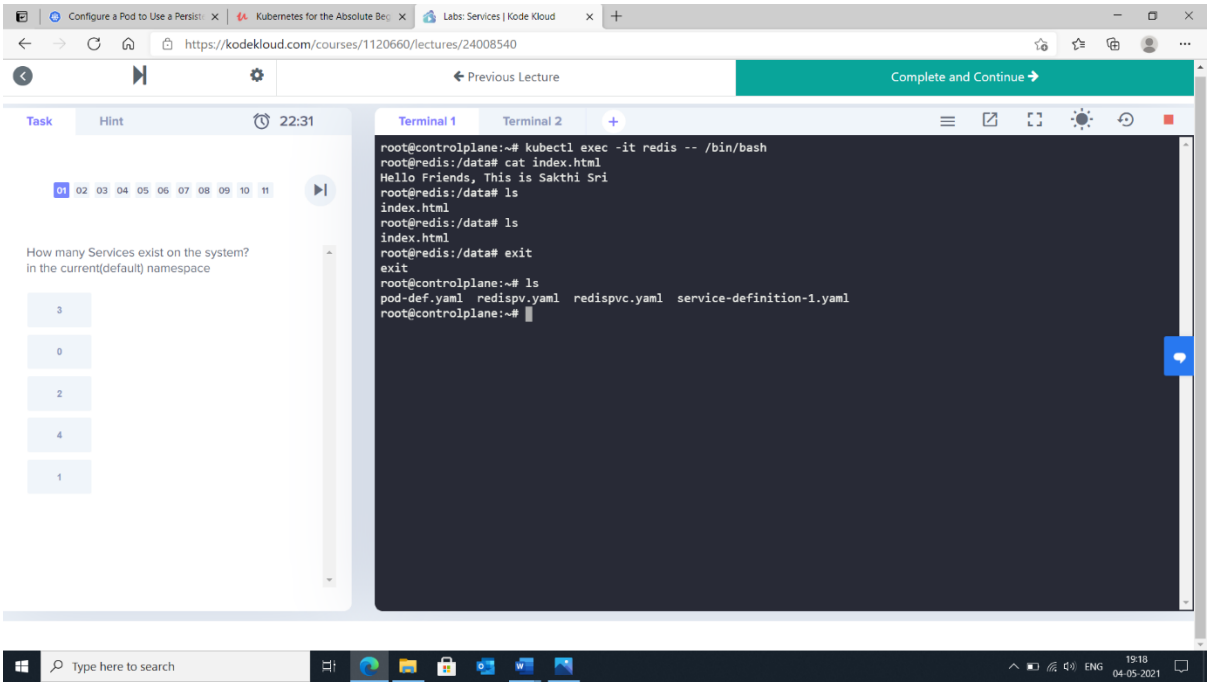
Previous Lecture
Complete and Continue
Task
Hint
35:33
Terminal 1
root@controlplane:~# kubectl apply -f pod-def.yaml
pod/redis created
root@controlplane:~# kubectl get pod redis
NAME READY STATUS RESTARTS AGE
redis 1/1 Running 0 69s
root@controlplane:~#
How many Services exist on the system?
in the current(default) namespace
3
0
2
4
1
Type here to search
ENG
19:05
04-05-2021

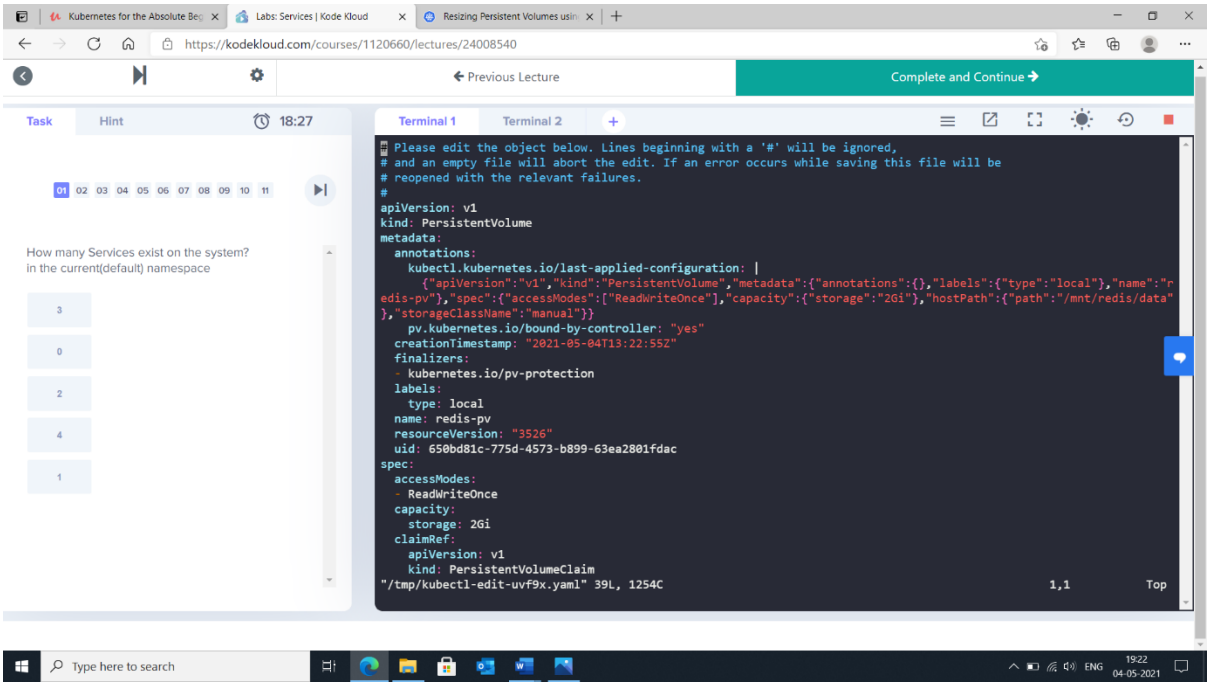

https://kodekloud.com/courses/1120660/lectures/24008540
Previous Lecture
Complete and Continue
Task
Hint
29:57
Terminal 1
root@controlplane:/mnt/redis/data# touch index.html
root@controlplane:/mnt/redis/data# vim index.html
root@controlplane:/mnt/redis/data# ls
index.html
root@controlplane:/mnt/redis/data# cat index.html
Hello Friends, This is Sakthi Sri
root@controlplane:/mnt/redis/data#
How many Services exist on the system?
in the current(default) namespace
3
0
2
4
1
Type here to search
ENG
19:11
04-05-2021

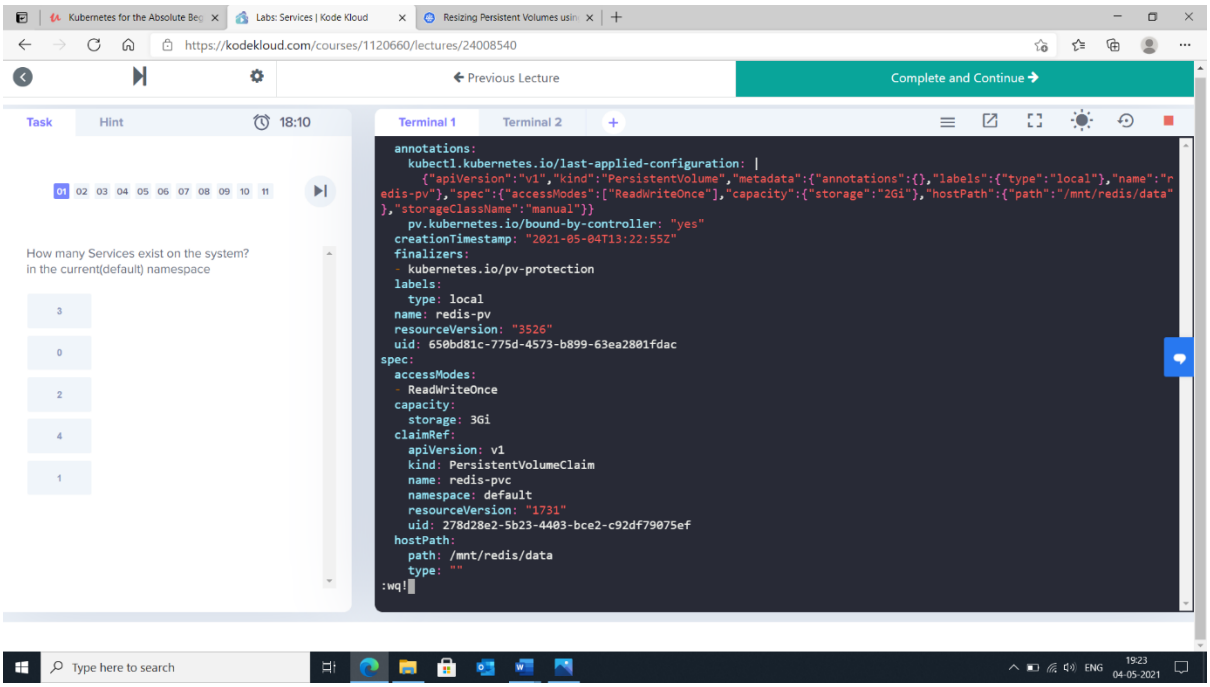

https://kodekloud.com/courses/1120660/lectures/24008540
Previous Lecture
Complete and Continue
Task
Hint
24:58
Terminal 1
Terminal 2
How many Services exist on the system?
in the current(default) namespace
root@controlplane:~# pwd
/root
root@controlplane:~# ls
pod-def.yaml redispv.yaml redispvc.yaml service-definition-1.yaml
root@controlplane:~# kubectl apply -f redispv.yaml
persistentvolume/redis-pv unchanged
root@controlplane:~# kubectl apply -f redispvc.yaml
persistentvolumeclaim/redis-pvc unchanged
root@controlplane:~# kubectl apply -f pod-def.yaml
pod/redis configured
root@controlplane:~# kubectl get pod redis
NAME READY STATUS RESTARTS AGE
redis 1/1 Running 0 11m
root@controlplane:~# kubectl get pv redis-pv
NAME CAPACITY ACCESS MODES RECLAIM POLICY STATUS CLAIM STORAGECLASS REASON AGE
redis-pv 2Gi RWO Retain Bound default/redis-pvc manual 23m
root@controlplane:~# kubectl get pvc redis-pvc
NAME STATUS VOLUME CAPACITY ACCESS MODES STORAGECLASS AGE
redis-pvc Bound redis-pv 2Gi RWO manual 18m
root@controlplane:~#
Type here to search
ENG
19:16
04-05-2021

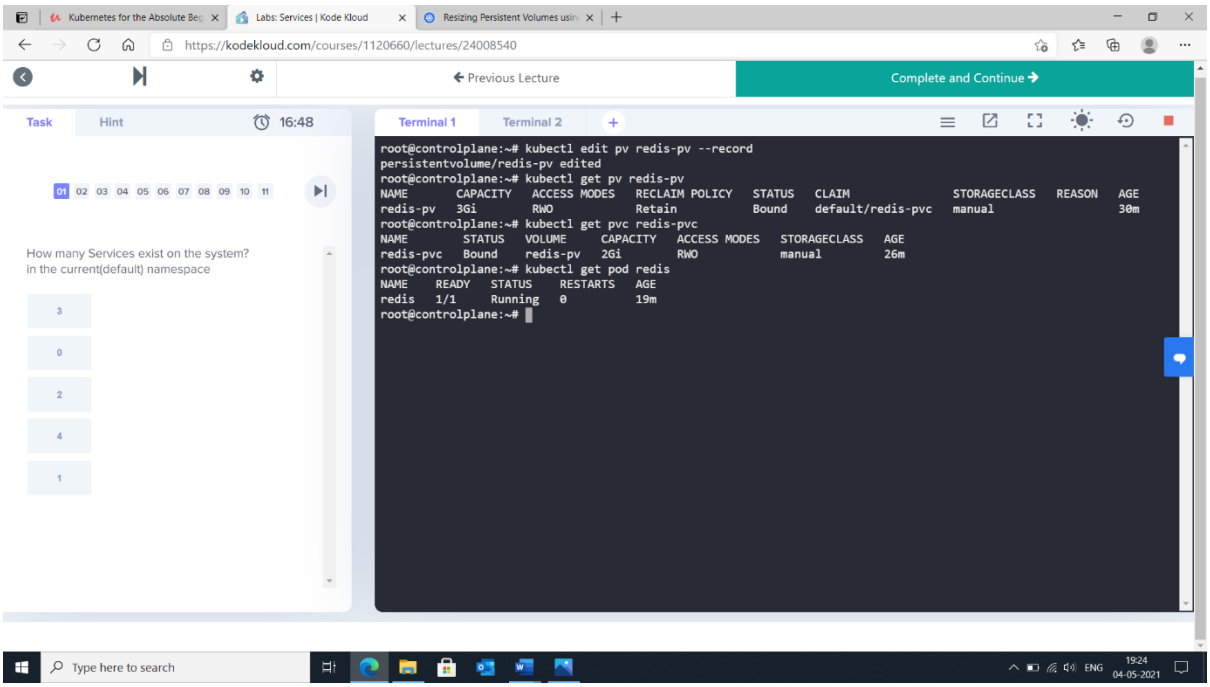

https://kodekloud.com/courses/1120660/lectures/24008540
Previous Lecture
Complete and Continue
Task
Hint
22:31
Terminal 1
Terminal 2
How many Services exist on the system?
in the current(default) namespace
root@controlplane:~# kubectl exec -it redis -- /bin/bash
root@redis:/data# cat index.html
Hello Friends, This is Sakthi Sri
root@redis:/data# ls
index.html
root@redis:/data# ls
index.html
root@redis:/data# exit
exit
root@controlplane:~# ls
pod-def.yaml redispv.yaml redispvc.yaml service-definition-1.yaml
root@controlplane:~#
Type here to search
ENG
19:18
04-05-2021

11) Update the storage size of the redis persistent volume to 3Gi and record the change

kubectl edit pv redis-pv







12) Create an Ingress for web-deploy deployment with wildcard hostname

deploy-def.yaml

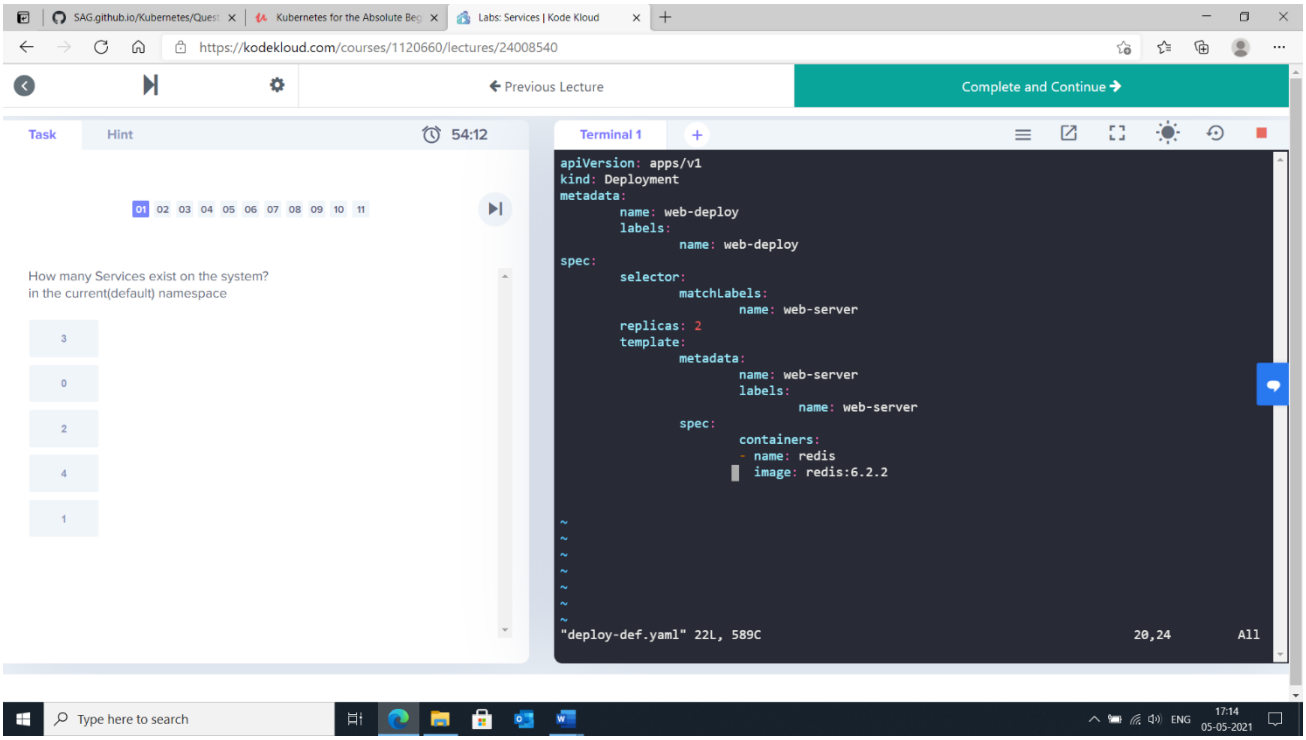
```
apiVersion: apps/v1
kind: Deployment
metadata:
        name: web-deploy
        labels:
                name: web-deploy
spec:
        selector:
                matchLabels:
                        name: web-server
        replicas: 2
        template:
                metadata:
                        name: web-server
                        labels:
                                name: web-server
                spec:
                        containers:
                        - name: redis
                          image: redis:6.2.2
```

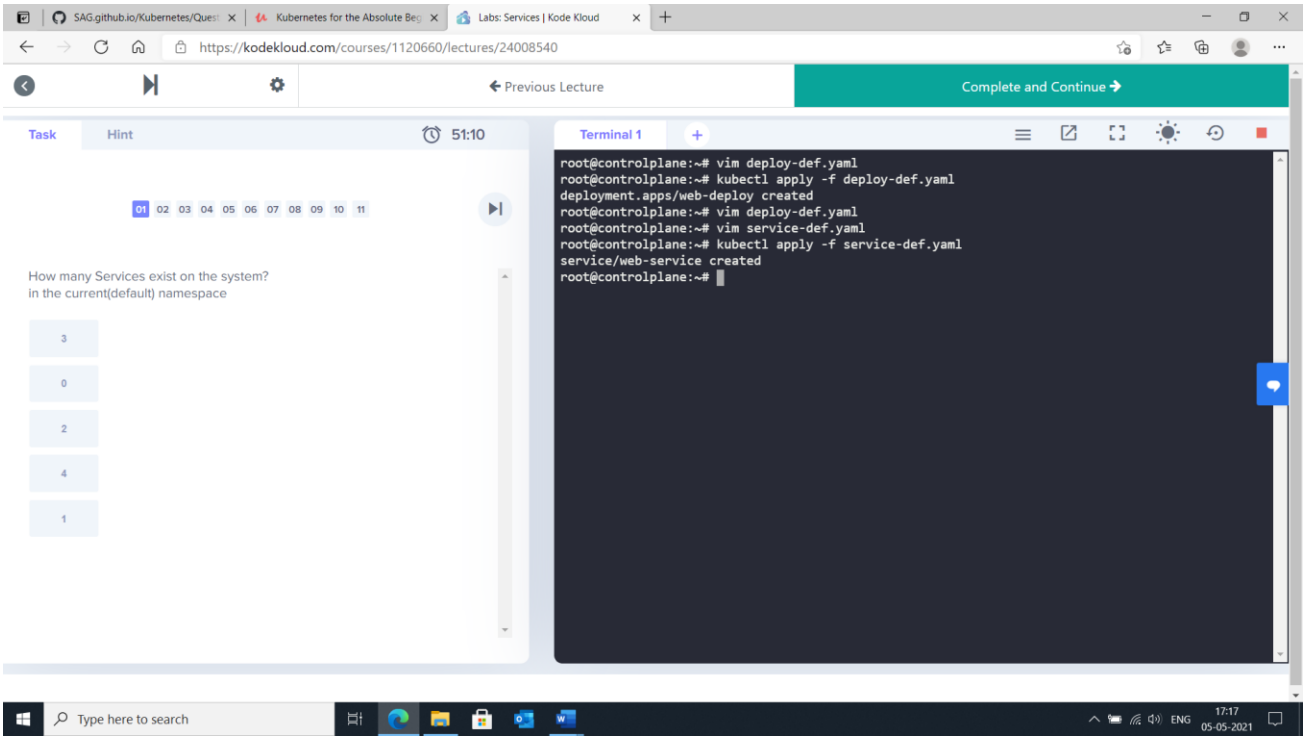
service-def.yaml

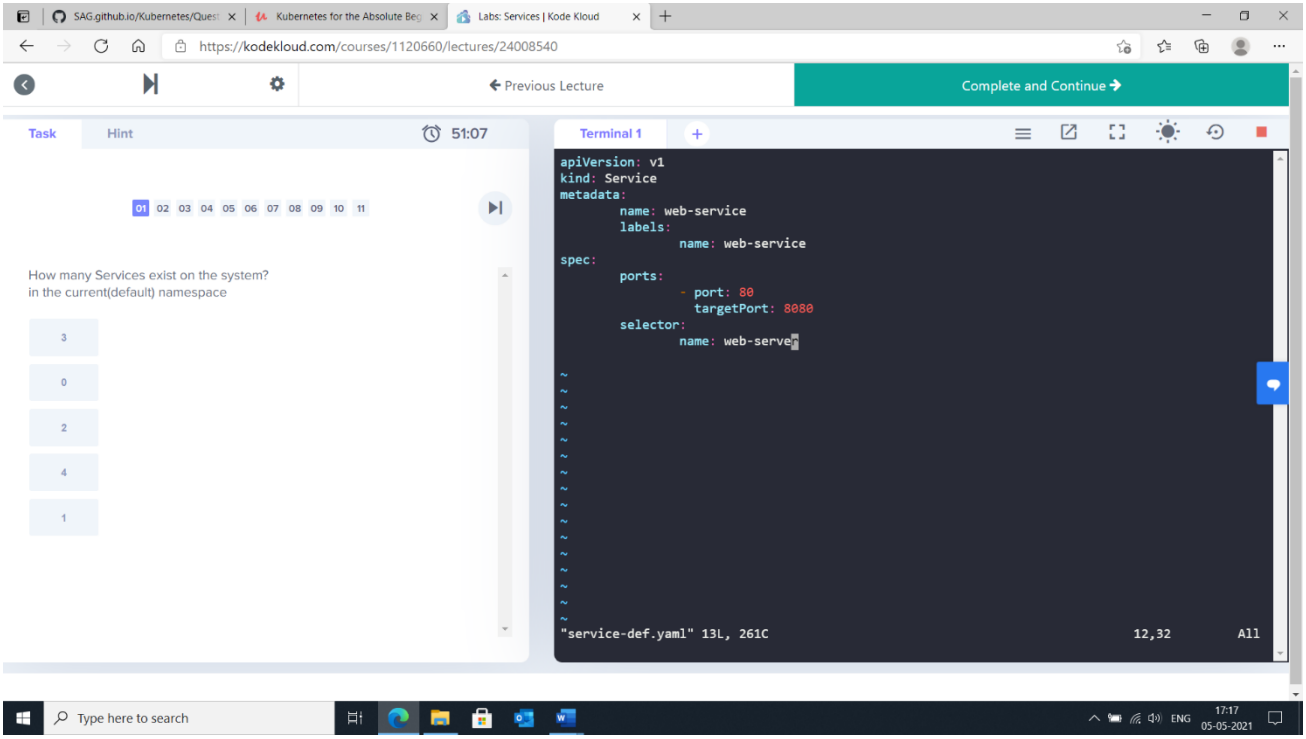
```
apiVersion: v1
kind: Service
metadata:
        name: web-service
        labels:
                name: web-service
spec:
        ports:
        -   port: 80
            targetPort: 8080
        selector:
                name: web-server
```

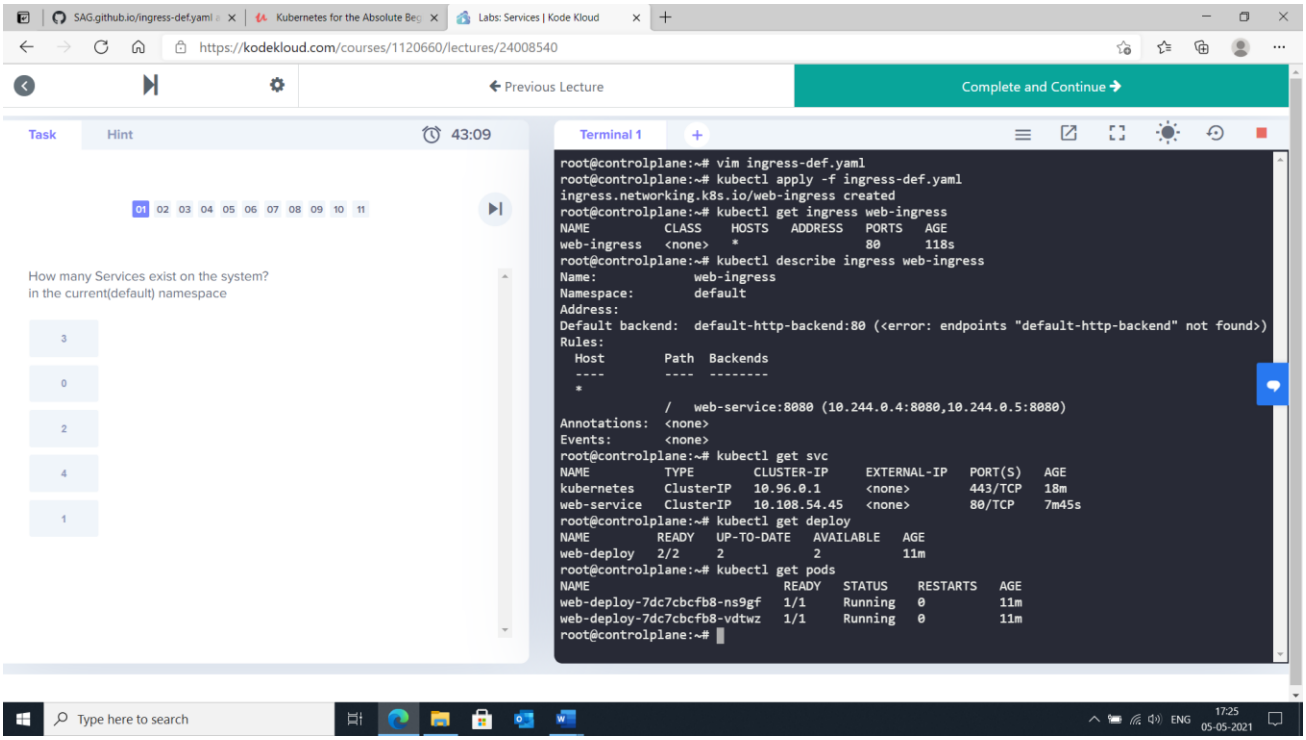
ingress-def.yaml

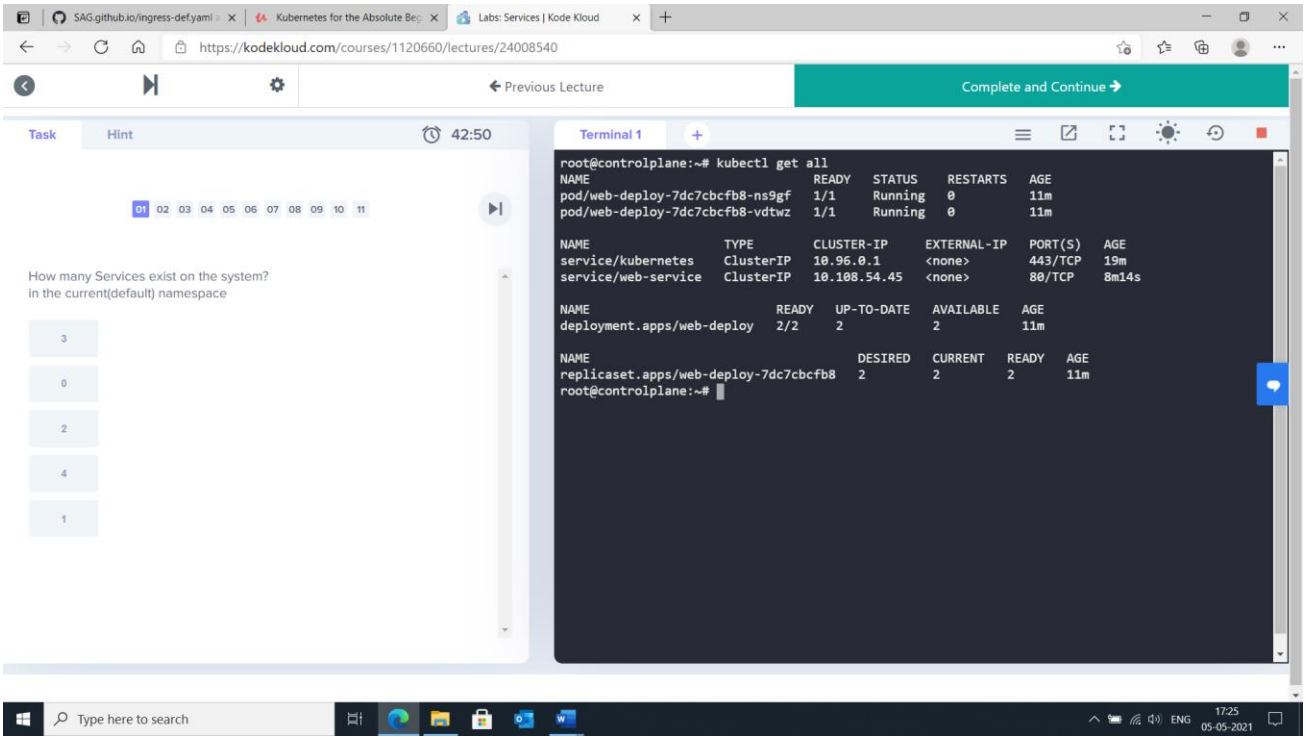
```
apiVersion: networking.k8s.io/v1
kind: Ingress
metadata:
    name: web-ingress
    labels:
        name: web-ingress
spec:
    rules:
    - http:
        paths:
            - pathType: Prefix
              path: "/"
              backend:
                service:
                    name: web-service
                    port:
                        number: 8080
```


https://kodekloud.com/courses/1120660/lectures/24008540
Previous Lecture
Complete and Continue
Task
Hint
54:12
01 02 03 04 05 06 07 08 09 10 11
How many Services exist on the system?
in the current(default) namespace
3
0
2
4
1
Terminal 1
apiVersion: apps/v1
kind: Deployment
metadata:
name: web-deploy
labels:
name: web-deploy
spec:
selector:
matchLabels:
name: web-server
replicas: 2
template:
metadata:
name: web-server
labels:
name: web-server
spec:
containers:
- name: redis
image: redis:6.2.2
"deploy-def.yaml" 22L, 589C
20,24
All
Type here to search
ENG
17:14
05-05-2021


https://kodekloud.com/courses/1120660/lectures/24008540
Previous Lecture
Complete and Continue
Task
Hint
51:10
01 02 03 04 05 06 07 08 09 10 11
How many Services exist on the system?
in the current(default) namespace
3
0
2
4
1
Terminal 1
root@controlplane:~# vim deploy-def.yaml
root@controlplane:~# kubectl apply -f deploy-def.yaml
deployment.apps/web-deploy created
root@controlplane:~# vim deploy-def.yaml
root@controlplane:~# vim service-def.yaml
root@controlplane:~# kubectl apply -f service-def.yaml
service/web-service created
root@controlplane:~#
Type here to search
ENG
17:17
05-05-2021


https://kodekloud.com/courses/1120660/lectures/24008540
Previous Lecture
Complete and Continue
Task
Hint
51:07
Terminal 1
How many Services exist on the system?
in the current(default) namespace
apiVersion: v1
kind: Service
metadata:
name: web-service
labels:
name: web-service
spec:
ports:
- port: 80
targetPort: 8080
selector:
name: web-serve
"service-def.yaml" 13L, 261C 12,32 All
Type here to search


https://kodekloud.com/courses/1120660/lectures/24008540
Previous Lecture
Complete and Continue
Task
Hint
43:09
Terminal 1
How many Services exist on the system?
in the current(default) namespace
root@controlplane:~# vim ingress-def.yaml
root@controlplane:~# kubectl apply -f ingress-def.yaml
ingress.networking.k8s.io/web-ingress created
root@controlplane:~# kubectl get ingress web-ingress
NAME CLASS HOSTS ADDRESS PORTS AGE
web-ingress <none> * 80 118s
root@controlplane:~# kubectl describe ingress web-ingress
Name: web-ingress
Namespace: default
Address:
Default backend: default-http-backend:80 (<error: endpoints "default-http-backend" not found>)
Rules:
Host Path Backends
* / web-service:8080 (10.244.0.4:8080,10.244.0.5:8080)
Annotations: <none>
Events: <none>
root@controlplane:~# kubectl get svc
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 18m
web-service ClusterIP 10.108.54.45 <none> 80/TCP 7m45s
root@controlplane:~# kubectl get deploy
NAME READY UP-TO-DATE AVAILABLE AGE
web-deploy 2/2 2 2 11m
root@controlplane:~# kubectl get pods
NAME READY STATUS RESTARTS AGE
web-deploy-7dc7cbcfb8-ns9gf 1/1 Running 0 11m
web-deploy-7dc7cbcfb8-vdtwz 1/1 Running 0 11m
root@controlplane:~#
Type here to search


https://kodekloud.com/courses/1120660/lectures/24008540
Previous Lecture
Complete and Continue
Task
Hint
42:50
01 02 03 04 05 06 07 08 09 10 11
How many Services exist on the system?
in the current(default) namespace
3
0
2
4
1
Terminal 1
root@controlplane:~# kubectl get all
NAME READY STATUS RESTARTS AGE
pod/web-deploy-7dc7cbcfb8-ns9gf 1/1 Running 0 11m
pod/web-deploy-7dc7cbcfb8-vdtwz 1/1 Running 0 11m
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
service/kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 19m
service/web-service ClusterIP 10.108.54.45 <none> 80/TCP 8m14s
NAME READY UP-TO-DATE AVAILABLE AGE
deployment.apps/web-deploy 2/2 2 2 11m
NAME DESIRED CURRENT READY AGE
replicaset.apps/web-deploy-7dc7cbcfb8 2 2 2 11m
root@controlplane:~#
Type here to search
ENG
17:25
05-05-2021