LAB₃

Q1:

```
salmamyoussef@salmamyoussef-Satellite-C55-B:~$ kubectl create deployment my-firs
t-deployment --image=nginx:alpine
deployment.apps/my-first-deployment created
```

Q2:

```
salmamyoussef@salmamyoussef-Satellite-C55-B:-$ kubectl scale --replicas=3 deployment/my-first-deployment deployment.apps/my-first-deployment scaled

salmamyoussef@salmamyoussef-Satellite-C55-B:-$ kubectl get deployment my-first-deployment

NAME READY UP-TO-DATE AVAILABLE AGE
my-first-deployment 3/3 3 3 17m
```

Q3:

```
salmamyoussef@salmamyoussef-Satellite-C55-B:~$ kubectl scale --replicas=2 deployment/my-first-deployment deployment.apps/my-first-deployment scaled
salmamyoussef@salmamyoussef-Satellite-C55-B:~$ kubectl get deployment my-first-deployment
NAME READY UP-TO-DATE AVAILABLE AGE
my-first-deployment 2/2 2 2 20m
```

Q4:

salmamyoussef@salmamyoussef-Satellite-C55-8:~\$ kubectl set image deployment/my-first-deployment nginx=httpd:alpinedeployment.apps/my-first-de ployment image updated

Q5:

```
salmamyoussef@salmamyoussef-Satellite-C55-B:-$ kubectl delete deployment my-first-deployment
deployment.apps "my-first-deployment" deleted

salmamyoussef@salmamyoussef-Satellite-C55-B:-$ kubectl get deployment
No resources found in default namespace.
```

Q6:

```
(salmamyoussef@salmamyoussef-Satellite-C55-B:~/Documents/ITI-devops/Kubernates/labi$ kubectl apply -f frontend-deployment.yaml deployment.apps/frontend-deployment created
```

Q7:

```
salmamyoussef@salmamyoussef-Satellite-C55-8:-/Documents/III-devops/Kubernates/lab1$ kubectl get rs

NAME DESIRED CURRENT READY ACE
frontend-deployment-6989b9c8bf 4 4 0 2n16s
new-replica-set 4 4 0 22h
```

Q8:

Q9:

```
        salmamyoussef@salmamyoussef-Satellte-C55-B:-/Documents/ITI-devops/Kubernates/lab1$ kubectl get pods

        NAME
        READY
        STATUS
        RESTARTS
        AGE

        frontend-deployment-6989b9c8bf-gawkh
        0/1
        ImagePullBackOff
        0
        7m45s

        frontend-deployment-6989b9c8bf-rcjql
        0/1
        ImagePullBackOff
        0
        7m45s

        frontend-deployment-6989b9c8bf-rp2ln
        0/1
        ImagePullBackOff
        0
        7m45s

        new-replica-set-dnlgv
        0/1
        ImagePullBackOff
        0
        23h

        new-replica-set-f2tbj
        0/1
        ImagePullBackOff
        0
        23h

        new-replica-set-mh5vt
        0/1
        ImagePullBackOff
        0
        22h

        new-replica-set-pd2rf
        0/1
        ImagePullBackOff
        0
        23h

        nginx
        0/1
        Error
        0
        24h

        redis
        1/1
        Running
        1
        50m ago)
        23h
```

Q10:

Q11:

salmamyoussef@salmamyoussef-Satellite-C55-B:~/Documents/ITI-devops/Kubernates/lab1\$ kubectl get pods								
NAME	READY	STATUS	RESTARTS	AGE				
frontend-deployment-6989b9c8bf-gzwxh	0/1	ImagePullBackOff	0	20m				
frontend-deployment-6989b9c8bf-kqt4w	0/1	ImagePullBackOff	0	20m				
frontend-deployment-6989b9c8bf-rcjgl	0/1	ImagePullBackOff	0	20m				
frontend-deployment-6989b9c8bf-rp2ln	0/1	ImagePullBackOff	0	20m				
new-replica-set-dmlgv	0/1	ImagePullBackOff	0	23h				
new-replica-set-f2tbj	0/1	ImagePullBackOff	0	23h				
new-replica-set-mh5vt	0/1	ErrImagePull	0	22h				
new-replica-set-pd2rf	0/1	ImagePullBackOff	0	23h				
nginx	0/1	Error	0	24h				
redis	1/1	Running	1 (63m ago)	23h				

salmamyoussef@salmamyoussef-Satellite-C55-B:~/Documents/ITI-devops/Kubernates/lab1\$ kubectl describe pod frontend-deployment-6989b9c8bf-gzwxh

Fuentes				
Events: Type	Reason	Age	From	Message
1 4 6 6	Red3011	Age		nessage
Normal	Scheduled	22m	default-scheduler	Successfully assigned default/frontend-deployment-6989b9c8bf-gzwxh to minikube
Normal	Pulling	21m (x4 over 22m)	kubelet	Pulling image "busybox888"
Warning	g Failed	21m (x4 over 22m)	kubelet	Failed to pull image "busybox888": rpc error: code = Unknown desc = Error respo
nse from	daemon: pull	access denied for bus	ybox888, repository	does not exist or may require 'docker login': denied: requested access to the
esource i	is denied			
Warning	, Failed	21m (x4 over 22m)	kubelet	Error: ErrImagePull
Warning	Failed	20m (x6 over 22m)	kubelet	Error: ImagePullBackOff
Normal	Back0ff	2m45s (x83 over 22m)	kubelet	Back-off pulling image "busybox888"