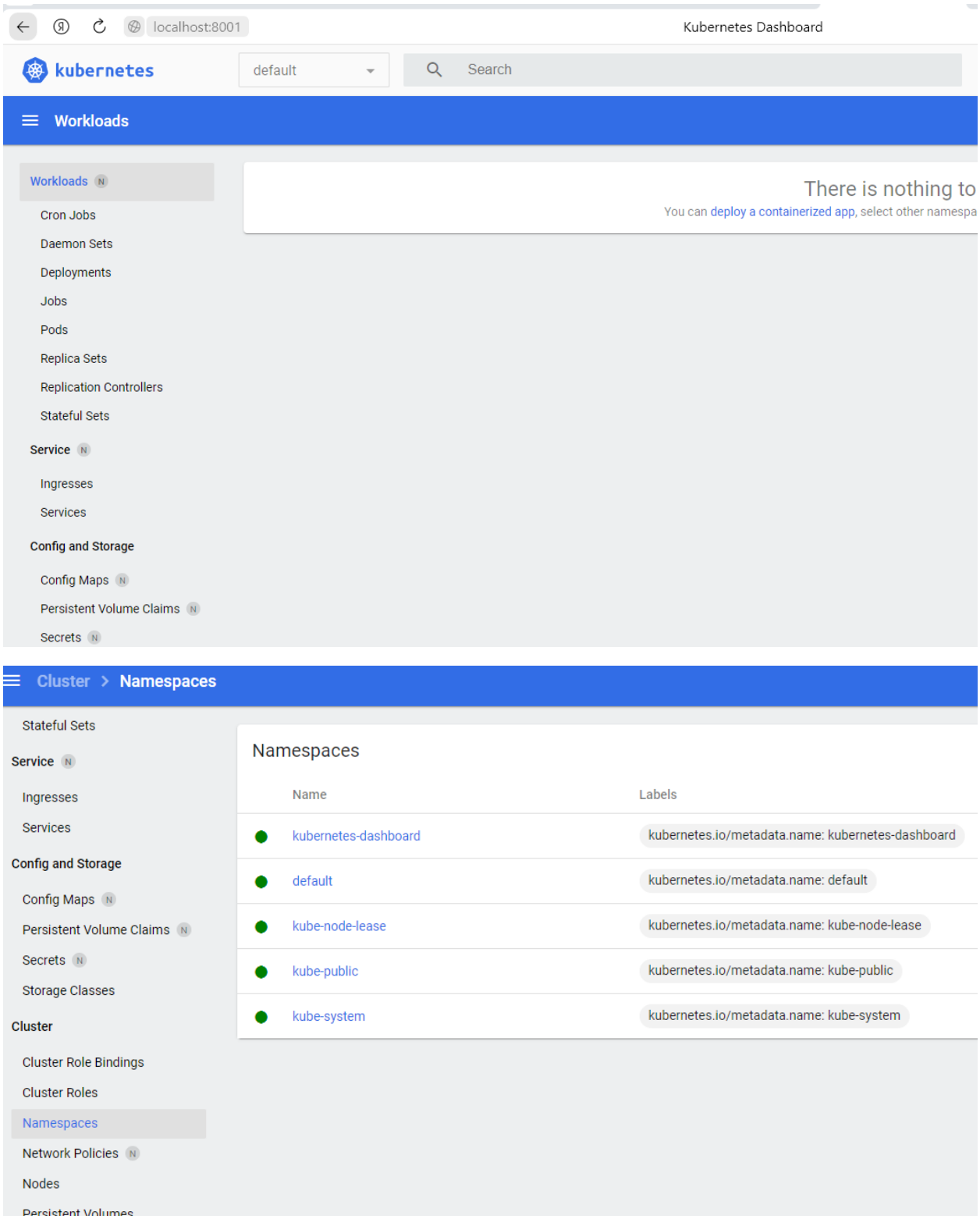
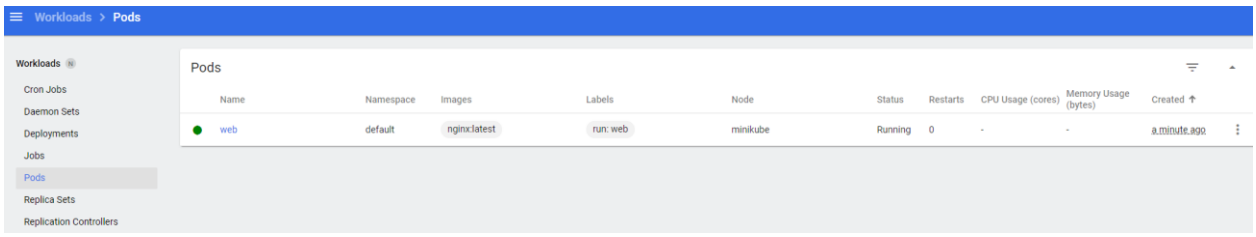
Task 1.1



Task 1.2

```
PS C:\Windows\system32> kubectl get pods
NAME   READY   STATUS    RESTARTS   AGE
web    1/1     Running   0          26s
PS C:\Windows\system32>
```

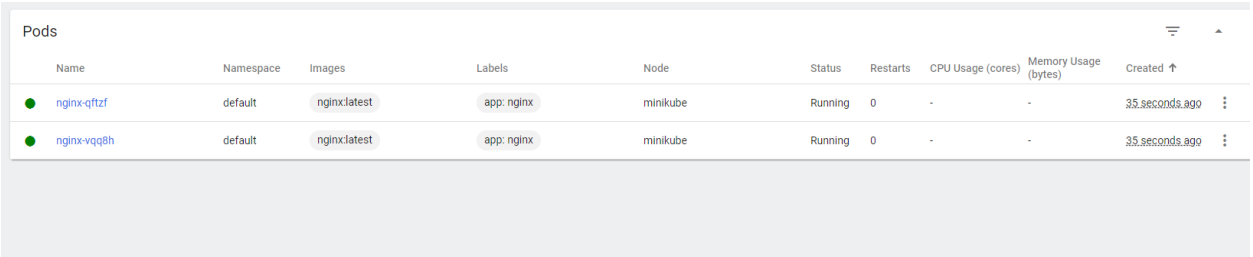


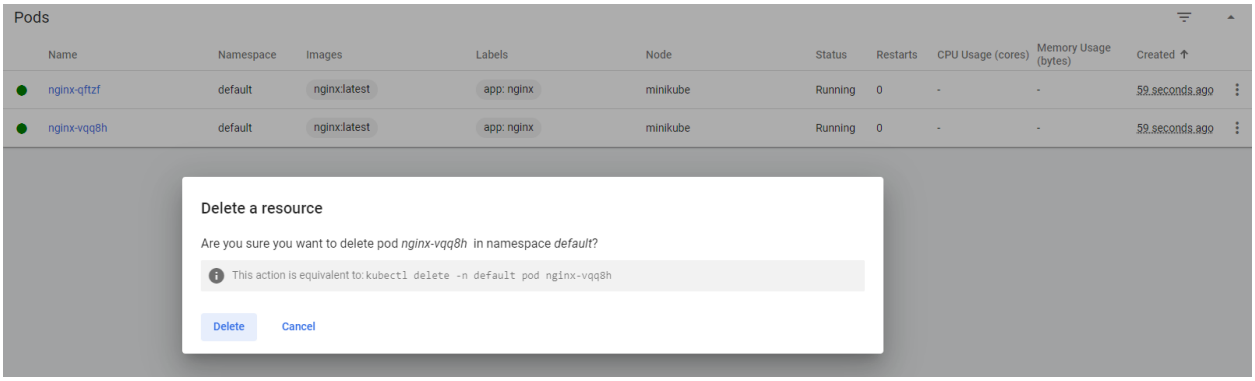

```
PS C:\Users\Alex\Desktop\EPAM\K8\education-main\task_1> kubectl apply -f pod.yaml
pod/nginx created
PS C:\Users\Alex\Desktop\EPAM\K8\education-main\task_1> kubectl apply -f rs.yaml
replicaset.apps/webreplica created
PS C:\Users\Alex\Desktop\EPAM\K8\education-main\task_1> kubectl get pod
NAME               READY   STATUS              RESTARTS   AGE
nginx              1/1     Running             0          7s
web                1/1     Running             0          19m
webreplica-mm4m9   0/1     ContainerCreating   0          3s
PS C:\Users\Alex\Desktop\EPAM\K8\education-main\task_1> kubectl get pod
NAME               READY   STATUS    RESTARTS   AGE
nginx              1/1     Running   0          10s
web                1/1     Running   0          19m
webreplica-mm4m9   1/1     Running   0          6s
PS C:\Users\Alex\Desktop\EPAM\K8\education-main\task_1>
```

HW

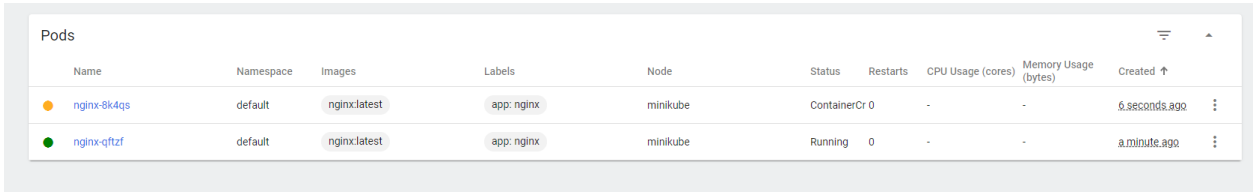
```yaml
---
apiVersion: apps/v1
kind: ReplicaSet
metadata:
  labels:
    app: nginx
  name: nginx
spec:
  replicas: 2
  selector:
    matchLabels:
      app: nginx
  template:
    metadata:
      labels:
        app: nginx
    spec:
      containers:
      - image: nginx:latest
        name: nginx
        ports:
          - containerPort: 80
```

```
PS C:\Users\Alex\Desktop\EPAM\K8\education-main\task_1> kubectl apply  -f .\NGINX.YML
replicaset.apps/nginx created
PS C:\Users\Alex\Desktop\EPAM\K8\education-main\task_1>
```





После удаления Pods создается аналогичный, но с иным названием


Pods
Name
Namespace
Images
Labels
Node
Status
Restarts
CPU Usage (cores)
Memory Usage (bytes)
Created
nginx-8k4qs
default
nginx:latest
app: nginx
minikube
ContainerCr
0
-
-
6 seconds ago
nginx-qftzf
default
nginx:latest
app: nginx
minikube
Running
0
-
-
a minute ago