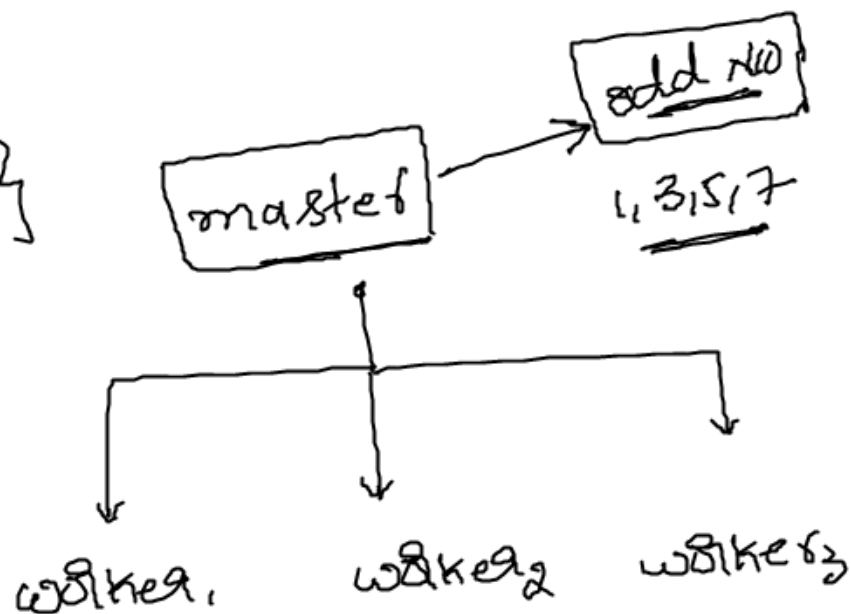


lay

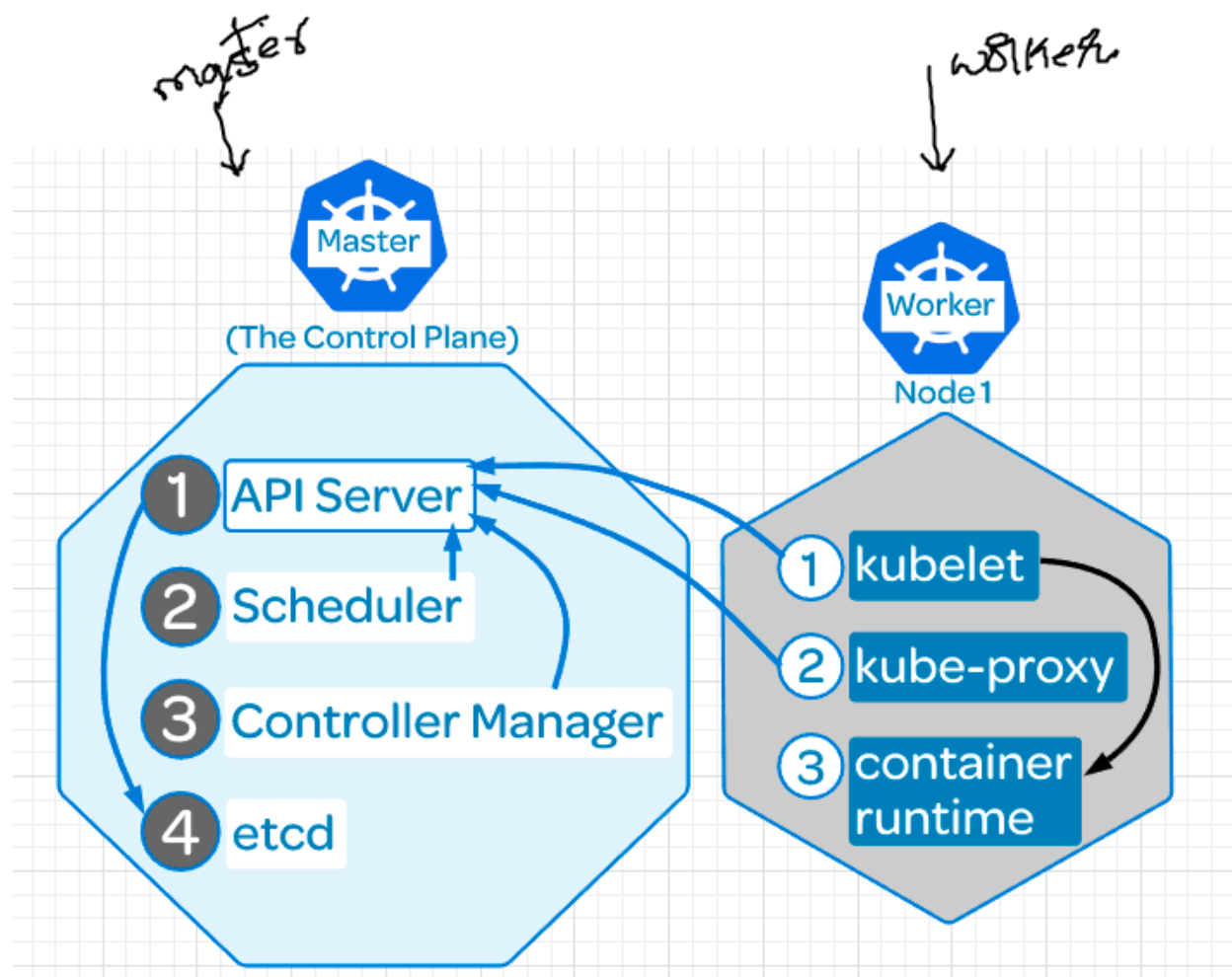
Kubernetes

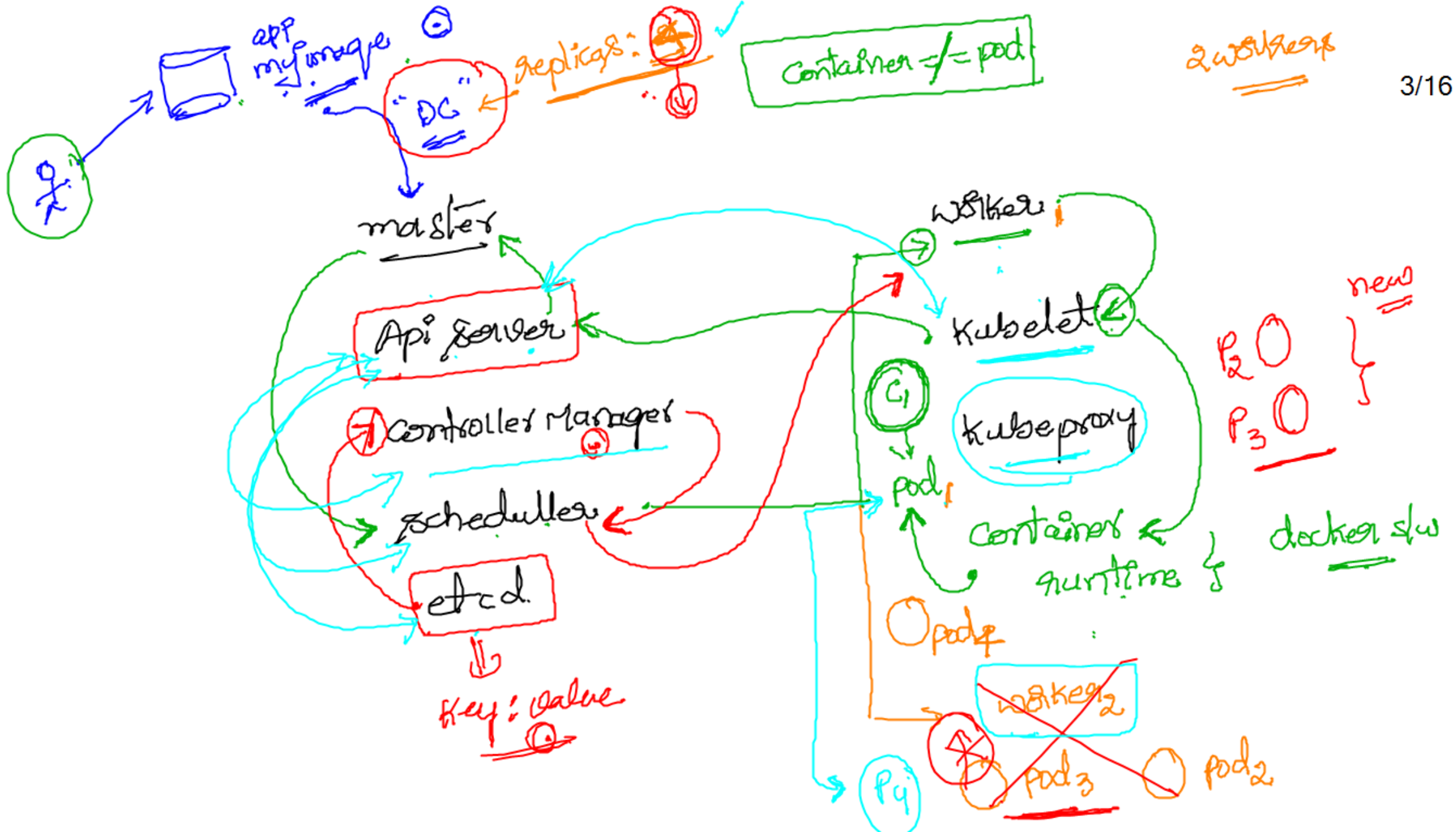
(X)  
4 masters  
2, 1  
6 "

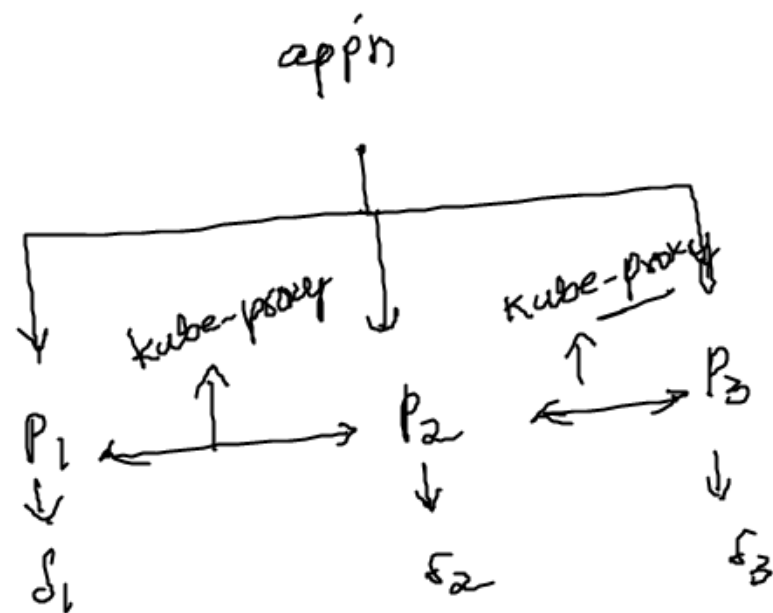


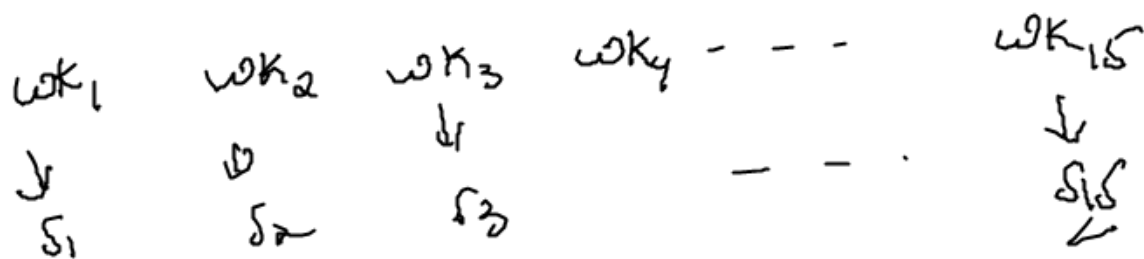
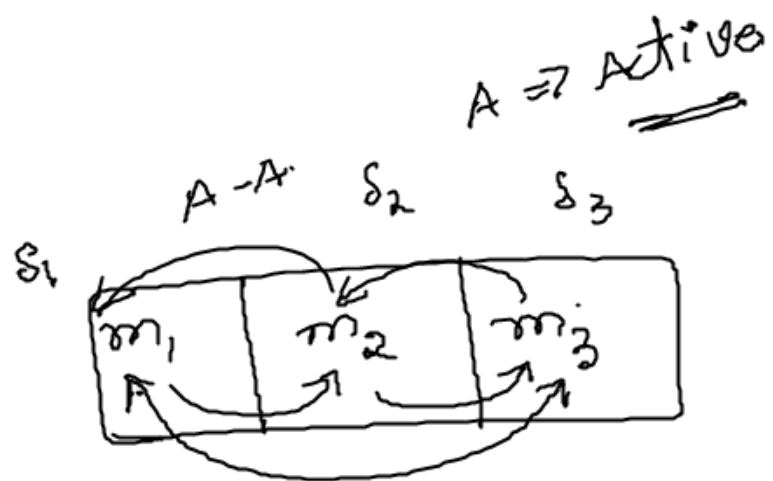
⬇  
⬇  
splitbrain

cluster components







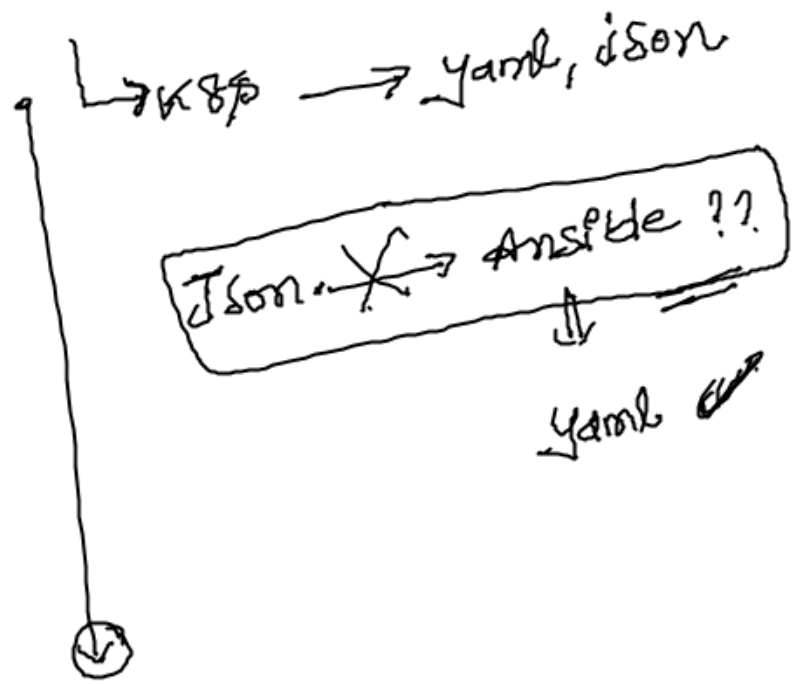
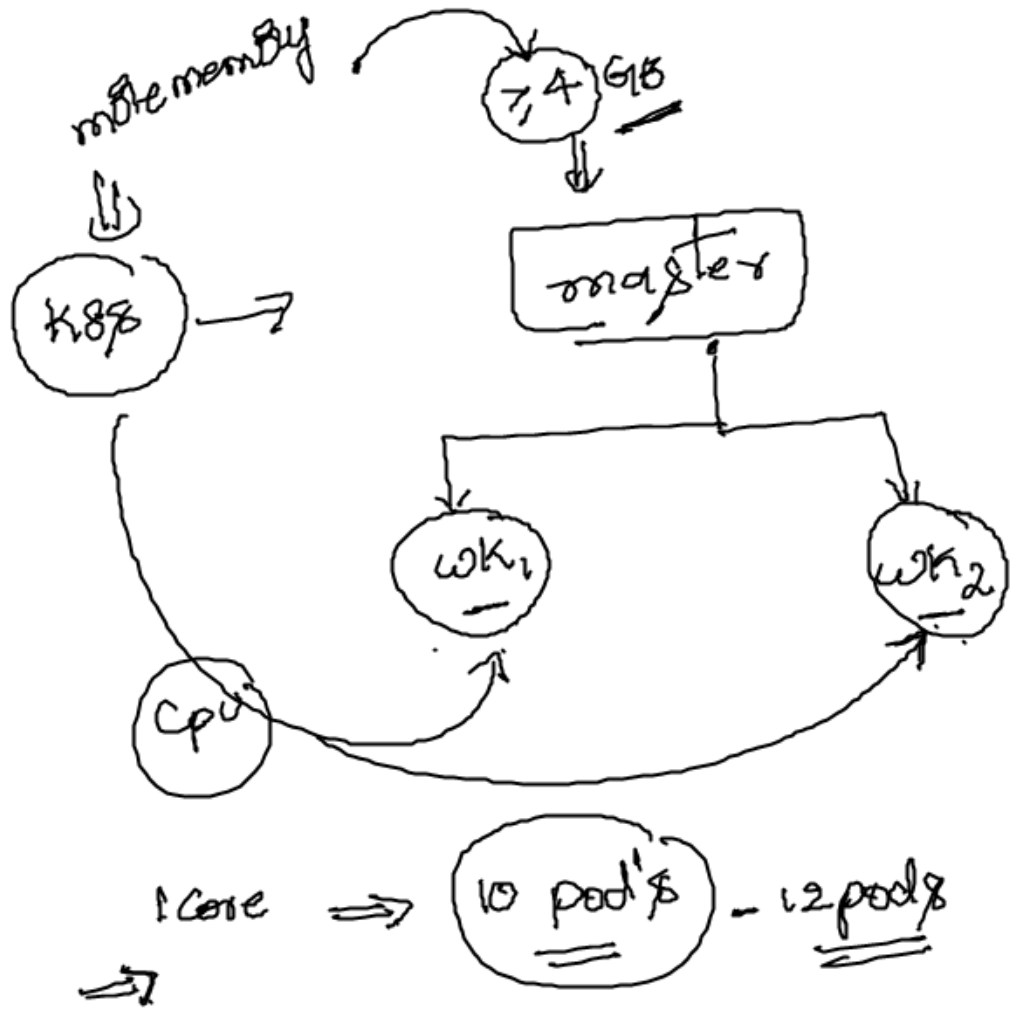


Interview question

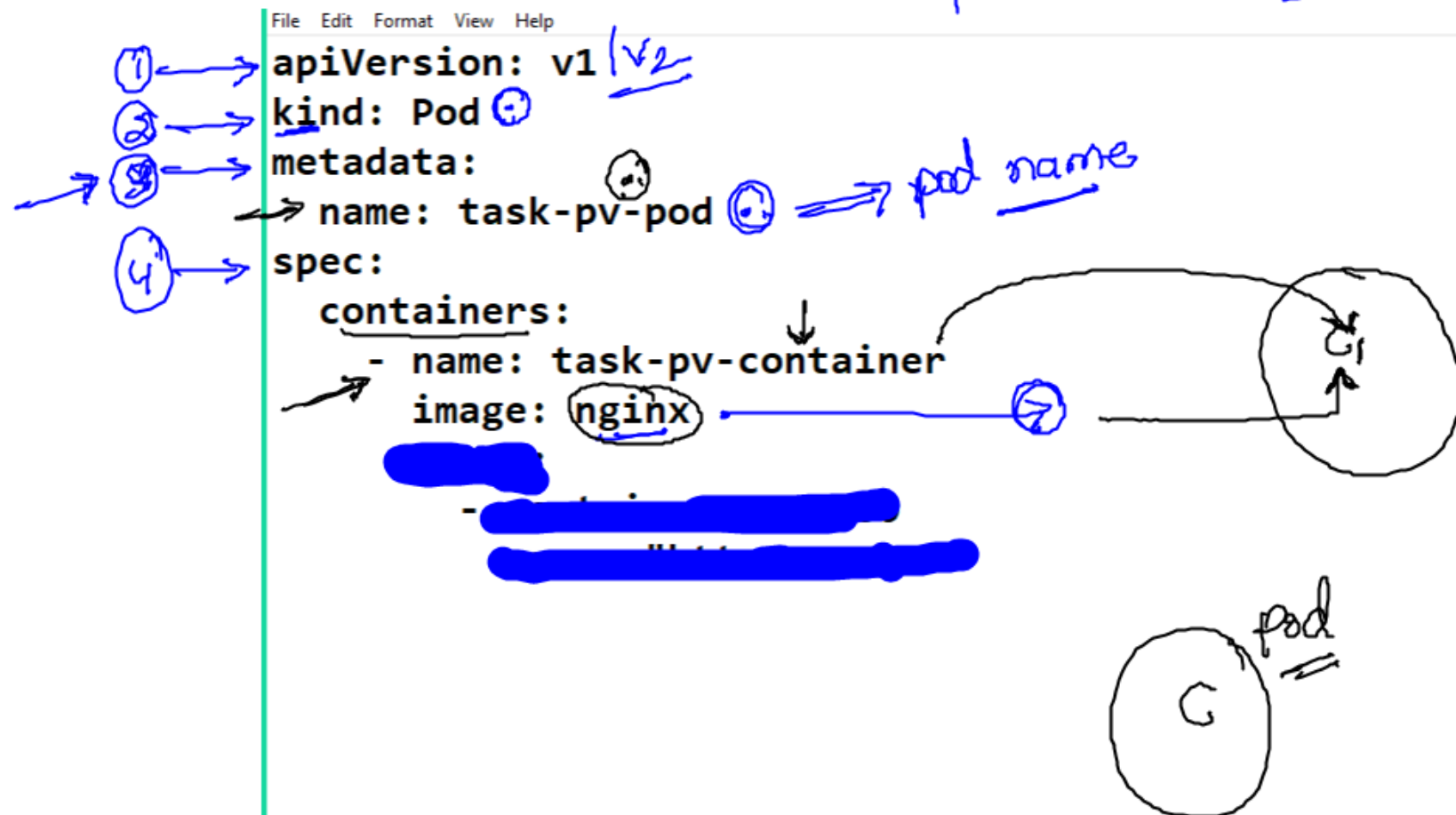
Installation

①  
(Ansible code) ②

(Pis Rebo notes)



Pod, Deployment, Secret, Configmap,  
persistent volume







① Create :- replicas = ①

Creates the object for yaml/dison

② apply :-

verify object existing or not

if not exists then creates

if exists then applies the changes

replica = 4

replace :-

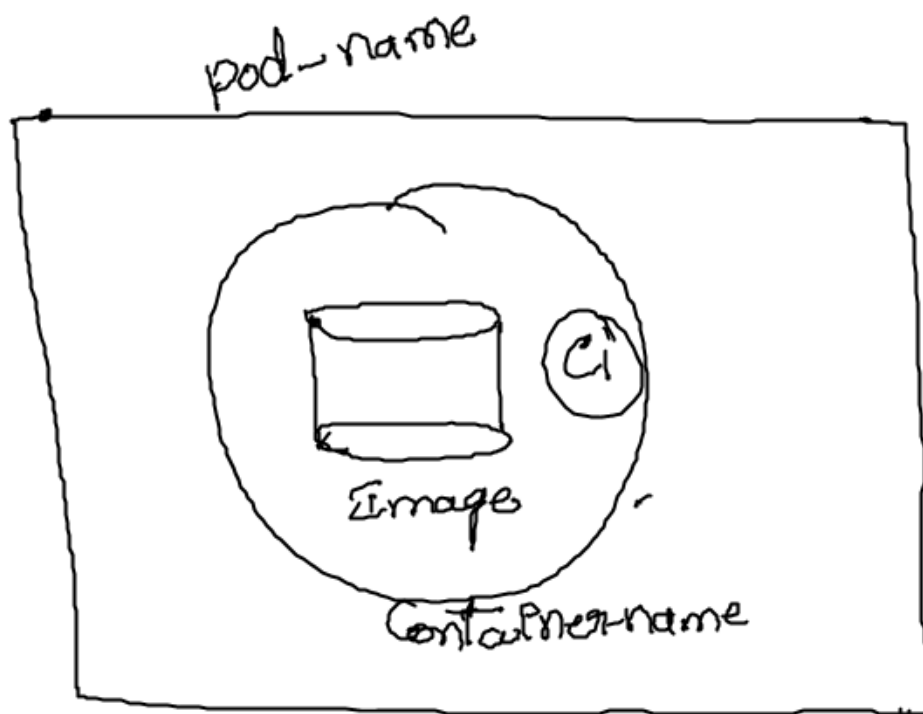
verify object existing or not

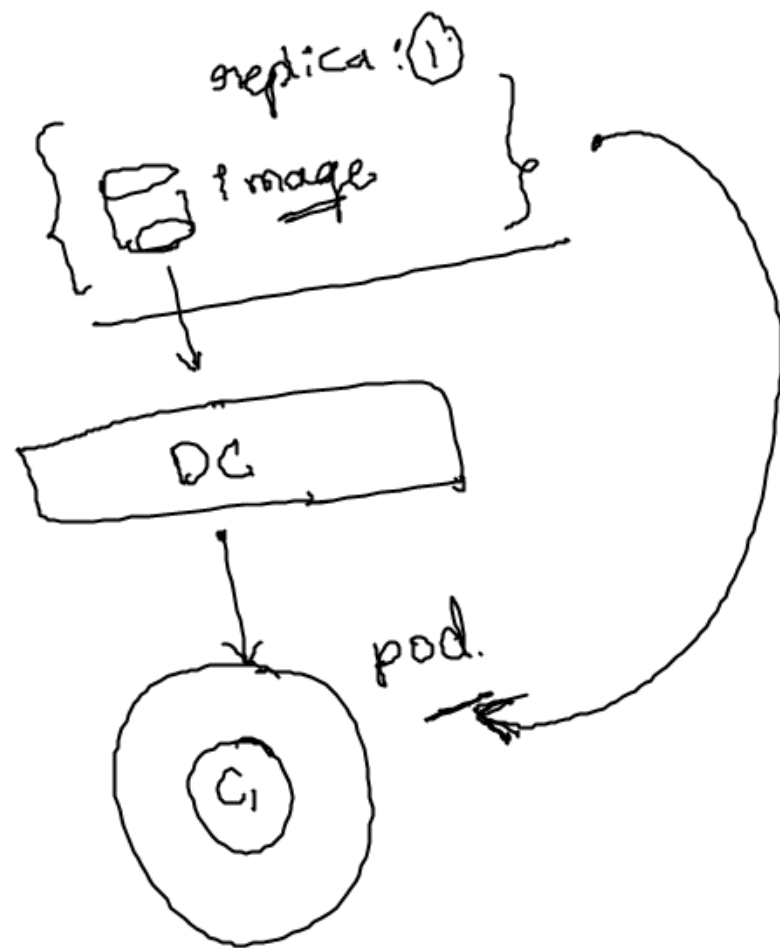
if not exists then it will not work

if exists then it will update changes secretly

delete :- delete object

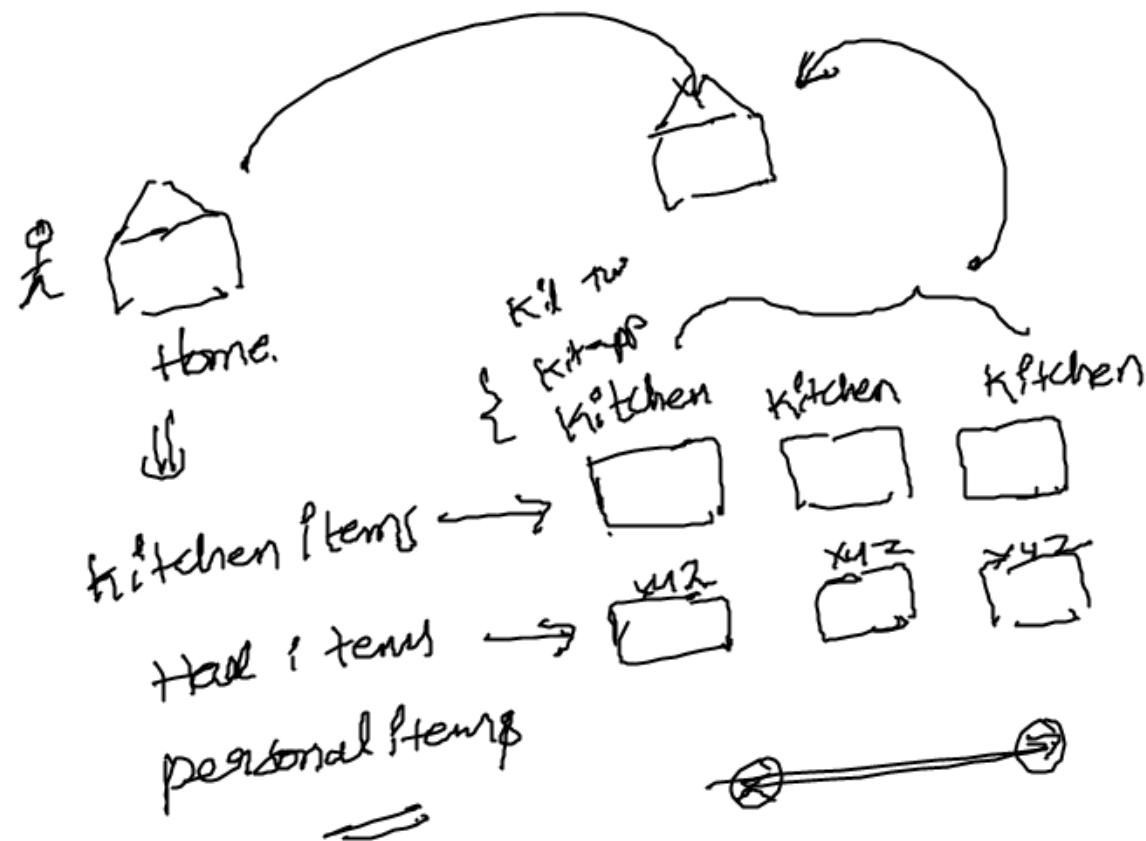
K8S  $\Rightarrow$  Container (X)

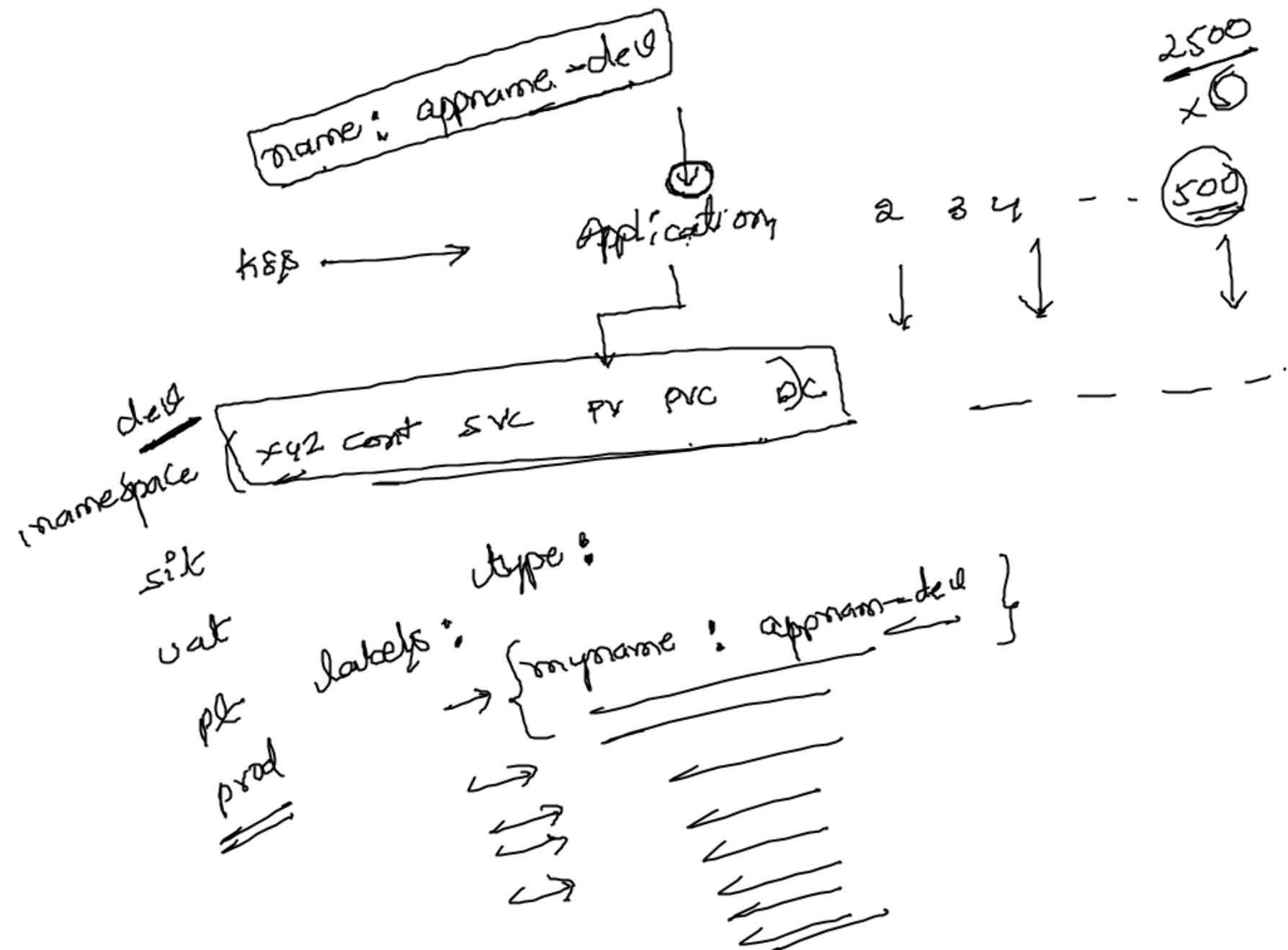




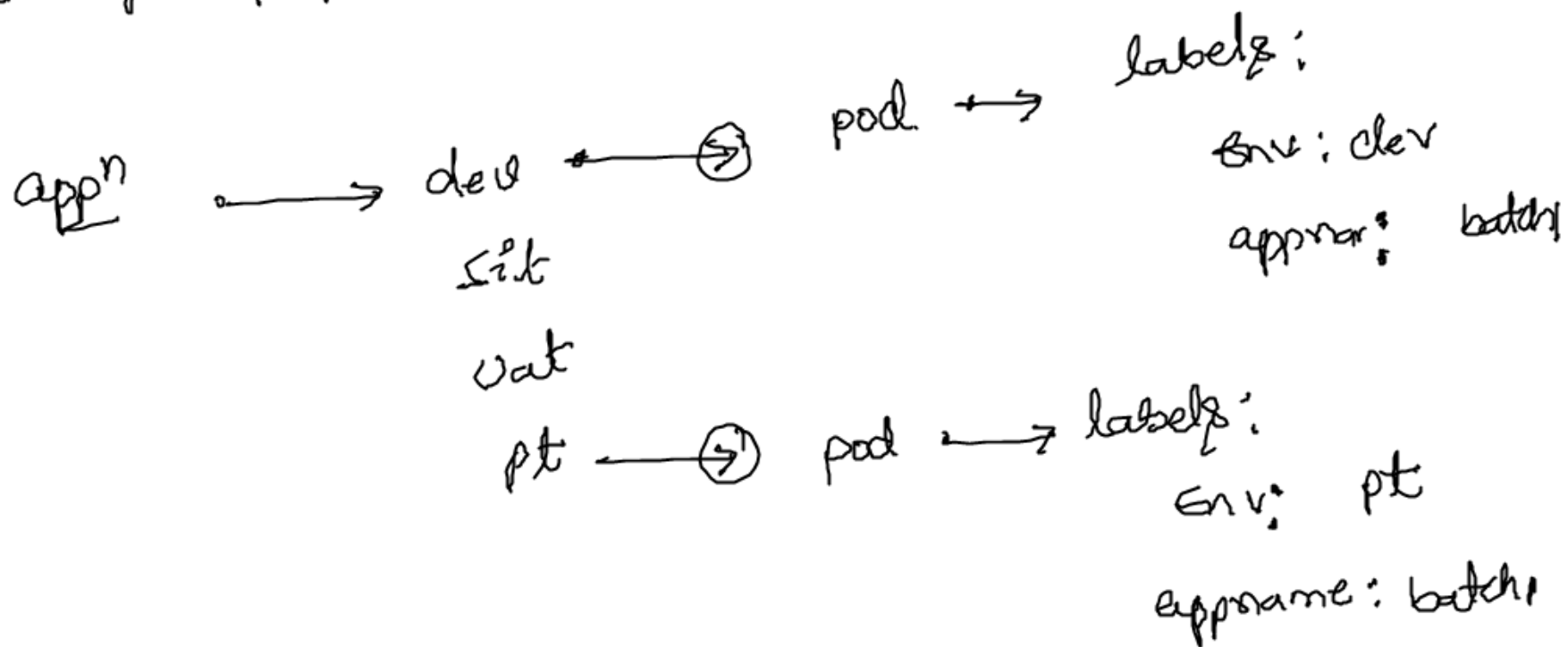
label ??

- ⑦ logical name.
- ⑦ identity





⑥  
 ⑥  
 # kubectl get pods -l env=dev, appname=batch, ⑥



==

File Edit Format View Help

```
apiVersion: apps/v1
```

```
kind: Deployment
```

```
metadata:
```

```
  name: nginx-deployment
```

```
  labels:
```

```
    app: nginx
```

```
spec:
```

```
  replicas: 3
```

```
  selector:
```

```
    matchLabels:
```

```
      app: nginx
```

```
  template:
```

```
    metadata:
```

```
      labels:
```

```
        app: nginx
```

```
    spec:
```

```
      containers:
```

```
        - name: nginx
```

```
          image: nginx:1.14.2
```

```
          ports:
```

```
            - containerPort: 80
```

belongs to DC

selector

(pod template)

labels:

app: nginx

Container into

