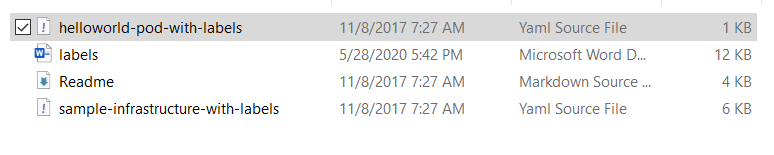
**LABELS**

**1.**Labels are defined in helloworld-pod-with-labels file

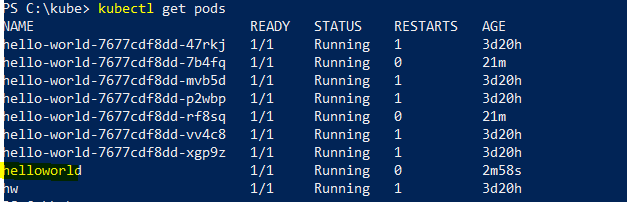
This is a simple pod which has env:production



2. CREATE THE POD

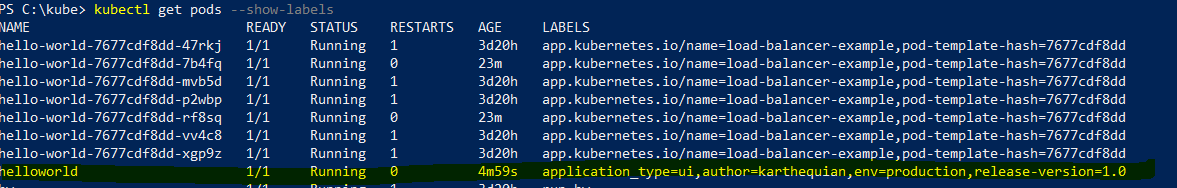
**kubectl create -f helloworld-pod-with-labels.yml**





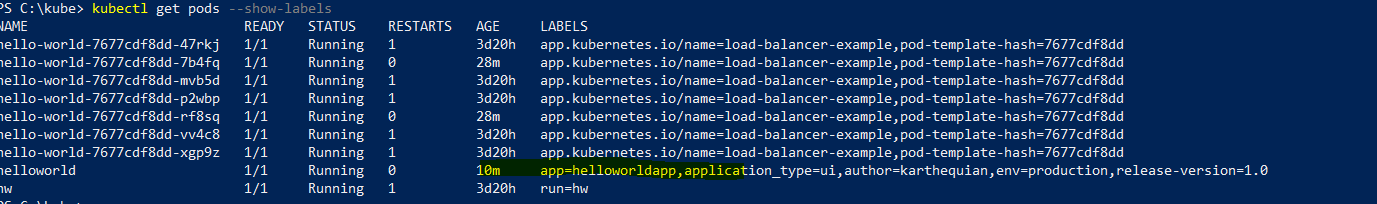
**3.** SEE THE LABELS

**kubectl get pods --show-labels**



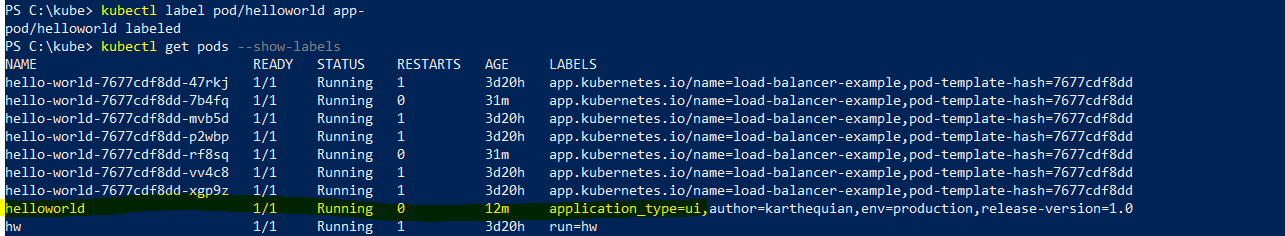
4. TAG A POD AFTER IT IS DEPLOYED

**kubectl label po/helloworld app=helloworldapp –overwrite**



**5**.DELETE THE TAGGED LABEL

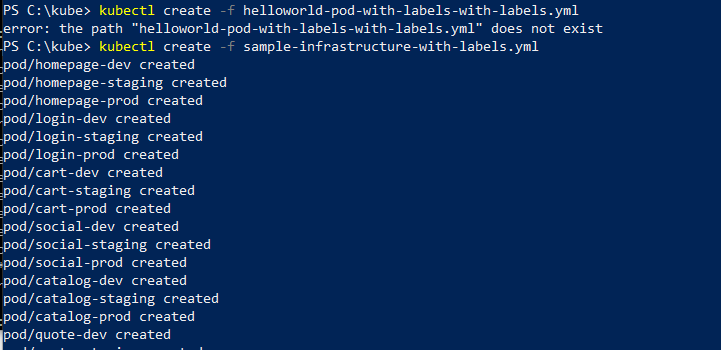
**kubectl label pod/helloworld app-**



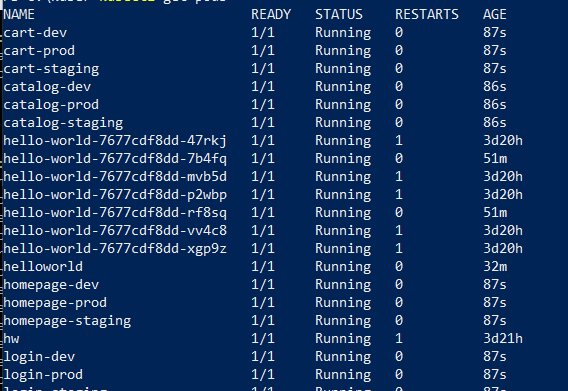
**CREATE SAMLE INFRASTRUCTURE**

1.Run the yaml file to create the infrastructure

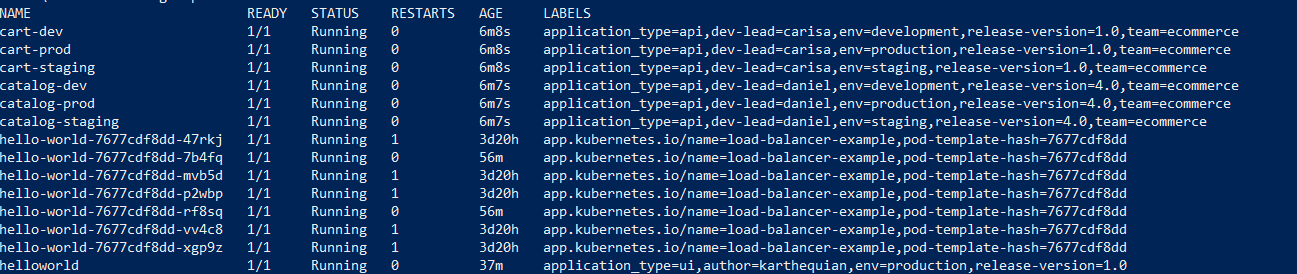
**kubectl create -f helloworld-pod-with-labels-with-labels.yml**



* This example is a large ecommerce store which has different teams associated with different applications includes
* Cart, catalog, homepage, login, ordering, quote and social
* It also has different tiers like dev, production and staging

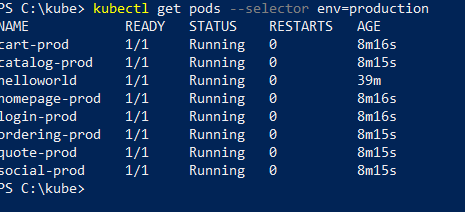


**Labels associated with them**



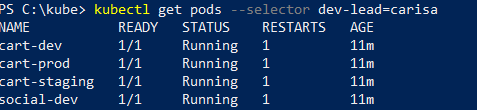
**2)** LOOK ALL THE LABELS IN PRODUCTION EVIRONMENT

**kubectl get pods --selector env=production**



**3)** LOOK FOR APPLICATIONS ASSOCIATED WITH DEVELOPER

**Kubectl get pods –selector dev-lead=carisa**



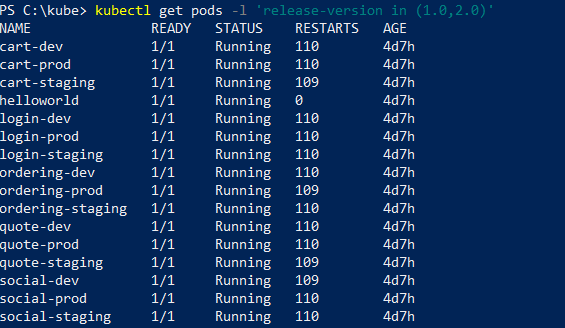
**4)** LOOK FOR APPLICATIONS ASSOCIATED WITH MULTIPLE LABELS

**kubectl get pods --selector dev-lead=karthik,env=staging**

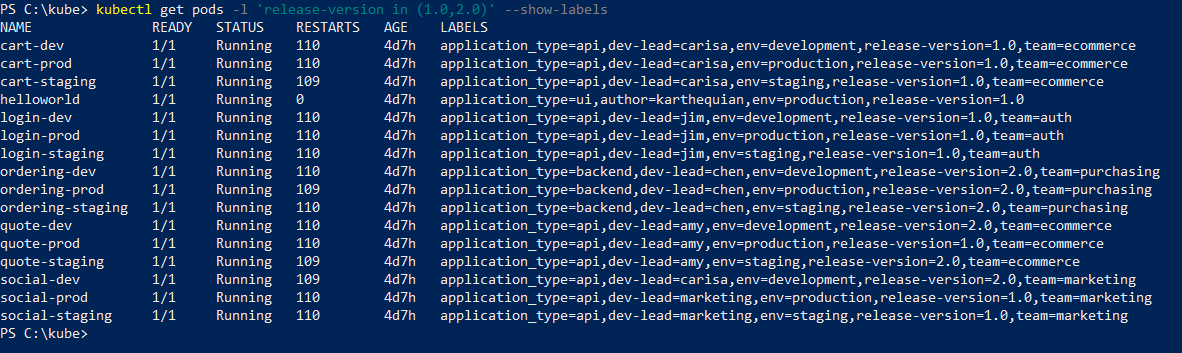


**5) Look for pods that have release version 1.0 and 2.0**

**kubectl get pods -l 'release-version in (1.0,2.0)'**

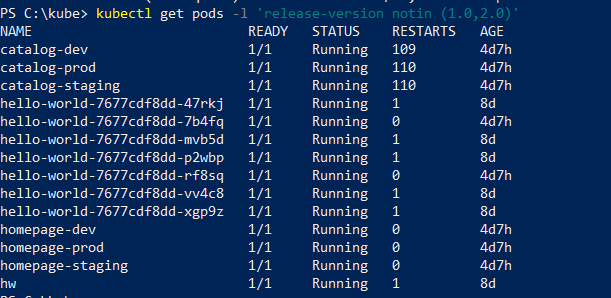


**kubectl get pods -l 'release-version in (1.0,2.0)' --show-labels**



**6) Look for pods that is not in specific version**

**kubectl get pods -l 'release-version notin (1.0,2.0)'**



**DELETE ALL PODS ASSOCIATED WITH LABELS**

**kubectl delete pods -l dev-lead=karthik**

