How many containers does the Jupiter pod have?

```
4
```

```
linux@ip-10-102-2-35:~$ kubectl get pod
NAME                      READY   STATUS    RESTARTS   AGE
jupiter-6894666b58-txftx  4/4     Running   0          3y281d   Update your pod name here
linux@ip-10-102-2-35:~$ echo $(kubectl get po jupiter-6894666b58-txftx -o jsonpath='{.spec.containers[*].name}')
io europa ganymede callisto
linux@ip-10-102-2-35:~$                      name of the containers
```

What is the most common type of container runtime used in Kubernetes?

```
Docker
```

Name one of the common multi-container pod patterns?

```
Sidecar          You can also put Ambassador or Adaptor
```

The nginx container is exposed through the Jupiter service on port 80. What port is the Python container exposed through?

```
5000
```

```
linux@ip-10-102-10-77:~$ kubectl get svc -owide
NAME        TYPE        CLUSTER-IP       EXTERNAL-IP   PORT(S)        AGE      SELECTOR
jupiter     ClusterIP   10.152.183.102   <none>        80/TCP 5000/TCP 3y282d   app=jupiter
kubernetes  ClusterIP   10.152.183.1     <none>        443/TCP        3y353d   <none>
```

What is the token that you get when you access the containers?

```
8g3fripm2k6rmt6dyvaagxqjy9nc7rf3          Update the token from your terminal
```

```
linux@ip-10-102-10-77:~$ curl 10.152.183.102
Hey,
This is the PHP Container.
I've had a look in the MySQL Container but there's no Token there.
Try asking the Python Container.
linux@ip-10-102-10-77:~$ curl 10.152.183.102:5000
Hi!
This is the Python Container.
I've just placed the Token in the MySQL Container.
linux@ip-10-102-10-77:~$ curl 10.152.183.102
Hey!
It's the PHP Container again.
I've had another look in the MySQL Container and found this!
Your token is: 8g3fripm2k6rmt6dyvaagxqjy9nc7rf3
linux@ip-10-102-10-77:~$
```