Web Hosting

Phase 5 Practice Project Set 4

Name: C Balamanikandan

1. Create a pod kkarthik520/d994804b5be4

C:\Users\Karthik>kubectl run spring-k8 --image=kkarthik520/d994804b5be4 --port=8083 pod/spring-k8 created

List of pods

```
C:\Users\Karthik>kubectl get pods
NAME READY STATUS RESTARTS AGE
spring-k8 1/1 Running 0 33s
```

Create a deployment

This command ensures that all the pods are running or not with this image.

If not running it makes the image active over the container

```
C:\Users\Karthik>kubectl create deployment spring-k8 --image=kkarthik520/d994804b5be4
deployment.apps/spring-k8 created

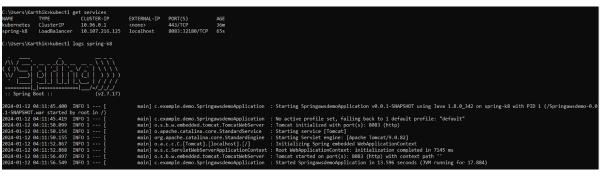
C:\Users\Karthik>kubectl get pods
NAME READY STATUS RESTARTS AGE
spring-k8 1/1 Running 0 3m36s
spring-k8-56bc844887-lhb7d 1/1 Running 0 4s
```

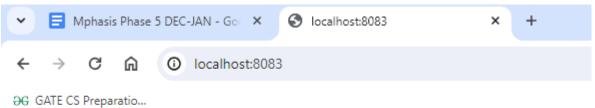
Create a service:

It starts the image over the container

C:\Users\Karthik>kubectl expose deployment spring-k8 --type LoadBalancer --port 8083 --target-port 8083 service/spring-k8 exposed

See the service





Hi Leaners welcome to AWS