

## Kubernetes Lab 1

- 1- How many pods exist on the system? In the current(default) namespace.
- 2- How many Nodes exist on the system?
- 3- Create a new pod with the nginx image.  
Image name: nginx
- 4- Which nodes are these pods placed on?
- 5- Create pod from the below yaml using kubectl apply command
- 6- How many containers are part of the pod webapp
- 7- What images are used in the new webapp pod?
- 8- What is the state of the container agentx in the pod webapp
- 9- Why do you think the container agentx in pod webapp is in error?
- 10- Delete the webapp Pod.
- 11- Create a new pod with the name redis and with the image redis123.  
Name: redis  
Image Name: redis123
- 12- Now change the image on this pod to redis. Once done, the pod should be in a running state.
- 13- Create a pod called my-pod of image nginx:alpine
- 14- Delete the pod called my-pod