

- 1- How many Namespaces exist on the system?
- 2- How many pods exist in the `kube-system` namespace?
- 3- Create a deployment with
 - Name: `beta`
 - Image: `redis`
 - Replicas: `2`
 - Namespace: `finance`
 - Resources Requests:
 - CPU: `.5 vcpu`
 - Mem: `1G`
 - Resources Limits:
 - CPU: `1 vcpu`
 - Mem: `2G`
- 4- How many Nodes exist on the system?
- 5- Do you see any taints on `master`?
- 6- Apply a label `color=blue` to the master node
- 7- Create a new deployment named `blue` with the `nginx` image and 3 replicas
 - Set Node Affinity to the deployment to place the pods on `master` only
 - NodeAffinity: `requiredDuringSchedulingIgnoredDuringExecution`
 - Key: `color`
 - values: `blue`