

Lab Guide 1

Namespaces:

Q.1 Create your Own Namespace.

Q.2 Make sure the namespace that you created should be by default for you.

Ans 1 :

kubectl create namespace learning

```
root@master:~# kubectl create namespace learning
namespace/learning created
root@master:~#
```

Ans 2 :

Step 1 : Check which context you are using with which namespace

kubectl config get-contexts

```
root@master:~# kubectl config get-contexts
CURRENT  NAME                CLUSTER  AUTHINFO  NAMESPACE
*        kubernetes-admin@kubernetes  kubernetes  kubernetes-admin
root@master:~#
```

If in namespace section nothing is mentioned that means by default DEFAULT namespace is there

You need to configure your own namespace

kubectl config set-context kubernetes-admin@kubernetes --namespace learning

```
root@master:~# kubectl config get-contexts
CURRENT  NAME                CLUSTER  AUTHINFO  NAMESPACE
*        kubernetes-admin@kubernetes  kubernetes  kubernetes-admin
root@master:~# kubectl config set-context kubernetes-admin@kubernetes --namespace learning
Context "kubernetes-admin@kubernetes" modified.
root@master:~#
root@master:~#
root@master:~# kubectl config get-contexts
CURRENT  NAME                CLUSTER  AUTHINFO  NAMESPACE
*        kubernetes-admin@kubernetes  kubernetes  kubernetes-admin  learning
root@master:~# kubectl get pods
No resources found in learning namespace.
root@master:~#
```