# Namespaces

1. List all namespaces:

$ kubectl get namespace

1. Create your own namespace using command arguments:

$ kubectl create namespace <your-namespace-cli>

1. Create your own namespace using file:

kind: Namespace  
apiVersion: v1  
metadata:  
 name: <your-namespace-name>

$ kubectl create -f namespace.yaml

1. Check the presence of your namespaces:

$ kubectl get namespaces

1. Clean up:

$ kubectl delete namespace <your-namespace-cli>  
$ kubectl delete -f namespace.yaml

## Solution

1. List all namespaces:

$ kubectl get namespace  
NAME STATUS AGE  
default Active 18h  
kube-node-lease Active 18h  
kube-public Active 18h  
kube-system Active 18h

1. Create your own namespace using command arguments:

$ kubectl create namespace msuslov1  
namespace/msuslov1 created

1. Create your own namespace using file:

kind: Namespace  
apiVersion: v1  
metadata:  
 name: msuslov2

$ kubectl create -f namespace.yaml  
namespace/msuslov2 created

1. Check the presence of your namespaces:

$ kubectl get namespaces  
NAME STATUS AGE  
default Active 18h  
kube-node-lease Active 18h  
kube-public Active 18h  
kube-system Active 18h  
msuslov1 Active 38s  
msuslov2 Active 24s

1. Clean up:

$ kubectl delete namespace msuslov1  
namespace "msuslov1" deleted  
  
$ kubectl delete -f namespace.yaml  
namespace "msuslov2" deleted