

Setup minikube at your local and explore creating namespaces (Go through official documentation)

Solution

Install the minikube in our local machine with the help of oracle virtual machine

```
lakshmipras12@prasanthi:~$ minikube start
* minikube v1.31.2 on Ubuntu 20.04 (vbox/amd64)
* Using the docker driver based on existing profile
```

```
ace by default
lakshmipras12@prasanthi:~$ minikube status
minikube
type: Control Plane
host: Running
kubelet: Running
apiserver: Running
kubeconfig: Configured
```

Create a namespace

```
lakshmipras12@prasanthi:~$ kubectl get namespace
NAME                STATUS    AGE
default             Active   4d21h
kube-node-lease     Active   4d21h
kube-public         Active   4d21h
kube-system         Active   4d21h
lakshmipras12@prasanthi:~$ kubectl create namespace prasanthi
namespace/prasanthi created
lakshmipras12@prasanthi:~$ kubectl get namespace
NAME                STATUS    AGE
default             Active   4d21h
kube-node-lease     Active   4d21h
kube-public         Active   4d21h
kube-system         Active   4d21h
prasanthi           Active    93s
lakshmipras12@prasanthi:~$
```

completed