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Batch: D015

Task-25:

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

Solution:

1.Installing Docker:

```
ubuntu@ip-172-31-34-128:~$ docker --version
Docker version 24.0.7, build 24.0.7-0ubuntu4
ubuntu@ip-172-31-34-128:~$
```

2.Installing Kubectl:

```
ubuntu@ip-172-31-34-128:~$ curl -O https://s3.us-west-2.amazonaws.com/amazon-eks/1.29.0/2024-01-04/bin/linux/amd64/kubectl
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
100 47.4M  100 47.4M    0     0  5416k      0  0:00:08  0:00:08 --:--:-- 7411k
```

3.Minikube:

```
ubuntu@ip-172-31-34-128:~$ curl -LO https://storage.googleapis.com/minikube/releases/latest/minikube-linux-amd64
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
100 91.2M  100 91.2M    0     0  12.1M      0  0:00:07  0:00:07 --:--:-- 16.7M
```

4.Starting the Minikube:

```
ubuntu@ip-172-31-34-128:~$ minikube start --driver=docker
* minikube v1.33.0 on Ubuntu 24.04 (xen/amd64)
* Using the docker driver based on user configuration

X Exiting due to RSRC_INSUFFICIENT_CORES: Docker has less than 2 CPUs available, but Kubernetes requires at least 2 to be available
```