RAGULANDIRAN M – 22CSR157 || KONGU ENGINNERING COLLEGE

DAY 1 Tasks – Minikube Installation, Mysql Images over docker-compose

Commands:

- curl -LO https://dl.k8s.io/release/v1.32.0/bin/linux/amd64/kubectl
- sudo install -o root -g root -m 0755 kubectl /usr/local/bin/kubectl
- chmod +x kubectl
- mkdir -p ~/.local/bin
- mv ./kubectl ~/.local/bin/kubectl
- kubectl version –client
- curl -LO https://github.com/kubernetes/minikube/releases/latest/download/minikube-linux-amd64
- sudo install minikube-linux-amd64 /usr/local/bin/minikube && rm minikube-linux-amd64
- minikube start
- minikube status
- kubectl get pod
- kubeclt get deploy
- kubectl get replica
- kubectl get pod -o wide

```
Docker-compose.yaml:

version: '3'

services:

web:

image: nginx:latest

ports:

- 80:80

db:

image: mysql:latest

environment:

- MYSQL_ROOT_PASSWORD=secret
```

- docker exec -it ragulandiran-db-1 /bin/bash
- mysql -u root -p



