## Docker project 3

## Dockerized CI/CD pipeline using Jenkins, Dockers, Kubernetes

```
master@master-vm:-/Oussitup$ sudo apt update
sudo apt install -y apt-transport-https ca-certificates curl
[sudo] password for master:
Htt:1 https://download.docker.com/linux/ubuntu jammy InRelease
Get:2 http://security.ubuntu.com/ubuntu jammy-security InRelease
Get:2 http://security.ubuntu.com/ubuntu jammy-security InRelease
[129 kB]
Htt:3 http://ln.archive.ubuntu.com/ubuntu jammy-security InRelease
Get:4 http://ln.archive.ubuntu.com/ubuntu jammy-updates/InRelease
Get:4 http://ln.archive.ubuntu.com/ubuntu jammy-updates/InRelease
Get:6 http://ln.archive.ubuntu.com/ubuntu jammy-updates/Juntverse amd64 Packages [2,377 kB]
Get:7 http://ln.archive.ubuntu.com/ubuntu jammy-updates/Juntverse amd64 Packages [766 kB]
Get:8 http://ln.archive.ubuntu.com/ubuntu jammy-updates/Juntverse ta386 Packages [766 kB]
Fetched 4,587 kB in 8s (578 kB/s)
Reading package (lsts... Done
Building dependency tree... Done
Building dependency tree... Done
Evaluation dependency tree... Done
Building dependency tree... Done
Ca-certificates is already the newest version (20240203-22.04.1).
Curl is already the newest version (7.81.6-iubuntu1.20).
apt-transport-https is already the newest version (20240203-22.04.1).
curl is already the newest version (7.81.6-iubuntu1.20).
apt-transport-https is already the newest version (2.4.13).
0 upgraded, 0 newly installed, 0 to renove and 2 not upgraded.
master@master.vvi:-pubaxiup$ curl -lo "https://dl.kBs.lo/release/stable.txt)/bin/linux/amd64/k
ubectl
whoch is the first of th
                                                                                                                                                                     $ kubectl version
 master@master - vn: / Deat top$ kubectl version
Client Version: v1.32.2
Kustomize Version: v5.5.0
The connection to the server localhost:8080 was refused - did you specify the right host or port?
master@master-vn: -/ Osaktop$ curl -LO https://storage.googleapis.com/minkube/releases/latest/minkube-linux-amd64
chmod +x minkube-linux-amd64 / usr/local/bin/minkube
% Total % Received % Xferd Average Speed Time Time Current
Dload Upload Total Spent Left Speed
100 119M 100 119M 0 0 13.8M 0 0:00:08 0:00:08 -:--:- 19.9M
  To further debug and diagnose cluster problems, use 'kubectl cluster-info dump'.

master@master-vm:-/Demiktop$ git clone https://github.com/Bhargavkulla/flask-ci-cd.git
cloning into 'flask-ci-cd'...
remote: Enumerating objects: 24, done.
remote: Counting objects: 180% (24/24), done.
remote: Compressing objects: 180% (21/21), done.
remote: Total 24 (delta 7), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 180% (24/24), 8.05 KLB | 30.00 KLB/s, done.
Resolving deltas: 180% (7/7), done.
```

## **OUTPUT**

```
master@master-vm:~/Desktop/flask-cl-cd$ kubectl get pods

NAME READY STATUS RESTARTS AGE
flask-app-dc55b55f7-6wxzb 1/1 Running 0 7m2s
flask-app-dc55b55f7-q5zwk 1/1 Running 0 7m2s
master@master-vm:~/Desktop/flask-cl-cd$
```