

**Assignment -4**  
Docker and Kubernetes

Assignment Date	21 October 2022
Student Name	Gopinath K
Student Roll Number	AC19UIT013
Maximum Marks	2 Marks

**1.Pull an image from docker hub and run it in docker Playground**

IBM x CAD-88-2A4E (Afternoon) x uifd/ui-for-docker - Docker | x Docker Playground x Docker Desktop - Docker x + -

https://hub.docker.com/u/uifd/ui-for-docker

dockerhub Explore Repositories Organizations Help Upgrade parameshwam

Explore uifd/ui-for-docker

# uifd/ui-for-docker ☆

By uifd • Updated 6 years ago

A web interface for Docker, formerly known as DockerUI. Deprecated, use Portainer for new features.

Other Image

Pulls 10M+

## Overview

### UI For Docker

This repo is deprecated. Development continues at: [portainer/portainer](#)

[chat](#) [on gitter](#)

UI For Docker is a web interface for the Docker Remote API. The goal is to provide a pure client side implementation so it is effortless to connect and manage docker.

### Goals

### Docker Pull Command

```
docker pull uifd/ui-for-docker
```

03:42:30

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.13  
node1

### cd9an2u3\_cd9av060qau0008hbjs0

IP: 192.168.0.13 OPEN PORT

Memory CPU

SSH: ssh ip172-18-0-4-cd9an2u3tccg00fgf6k0@direct.labs.play-w

DELETE EDITOR

```
# This is a sandbox environment. Using personal credentials  
# is HIGHLY discouraged. Any consequences of doing so are  
# completely the user's responsibilities.  
#  
# The FWD team.  
#####  
[node1] (local) root@192.168.0.13 ~  
$ docker pull uifd/ui-for-docker  
Using default tag: latest  
latest: Pulling from uifd/ui-for-docker  
841194d080c8: Pull complete  
Digest: sha256:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749  
Status: Downloaded newer image for uifd/ui-for-docker:latest  
docker.io/uifd/ui-for-docker:latest  
[node1] (local) root@192.168.0.13 ~  
$ docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker  
e590dd163101ae795bdeea0eb1dd98f6fe549cb5f24dab9ff7c1931923fc0d  
[node1] (local) root@192.168.0.13 ~  
$
```

UI For Docker

Dashboard Containers Containers Network Images Networks Volumes Info Refresh


# UI For Docker

The UI for Docker container engine

Learn more.

Running Containers Status

- beautiful\_goldwasser Up About a minute



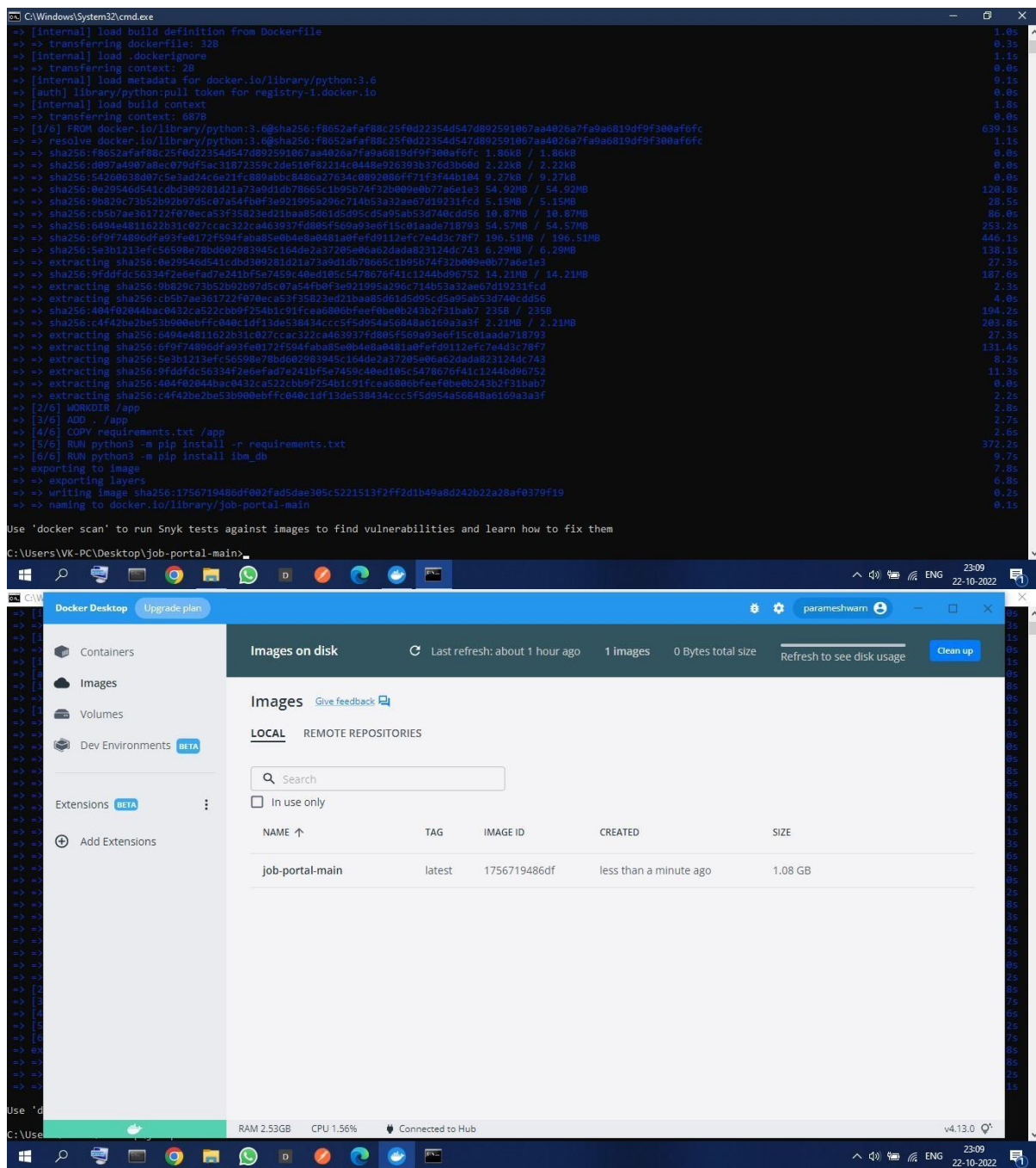
Containers created

Images created

Running Stopped Ghost

21/10/2022

2. Create a docker file for the job portal application and deploy it in Docker desktop application



### 3.Create a IBM container registry and deploy helloworld app