

Assignment -4

Docker and Kubernetes

Assignment Date	21 October 2022
Student Name	BALAJI M
Student Roll Number	611719106003
Maximum Marks	2 Marks

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

The screenshot is divided into two main horizontal sections. The top section shows the Docker Hub repository page for `uifd/ui-for-docker`. The page includes the repository name, a star icon, and a note stating "This repo is deprecated. Development continues at: [portainer/portainer](#)". Below this, there are tabs for "Overview" and "Tags". The "Overview" tab is active, showing a description of the repository and a "chat on github" button. To the right, there is a "Docker Pull Command" box containing the command `docker pull uifd/ui-for-docker`. The bottom section shows the Docker Playground interface. On the left, there is a sidebar with a clock showing 03:42:30, a "CLOSE SESSION" button, and a list of instances. The main area displays the instance details for `cd9an2u3_cd9av060qau0008hbjs0`, including its IP address (192.168.0.13), memory, CPU, and SSH command. Below the instance details, there is a terminal window showing the execution of the `docker pull` command and the subsequent `docker run` command to start the container.

Docker Hub Repository: 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

Overview Tags

UI For Docker

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

[chat on github](#)

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.

Docker Pull Command

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

Docker Playground Instance: 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
c590dd163101ae795bdcea0eb1ddd98f6fe549cb5f24dab9ff7c1931923fc0d
[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



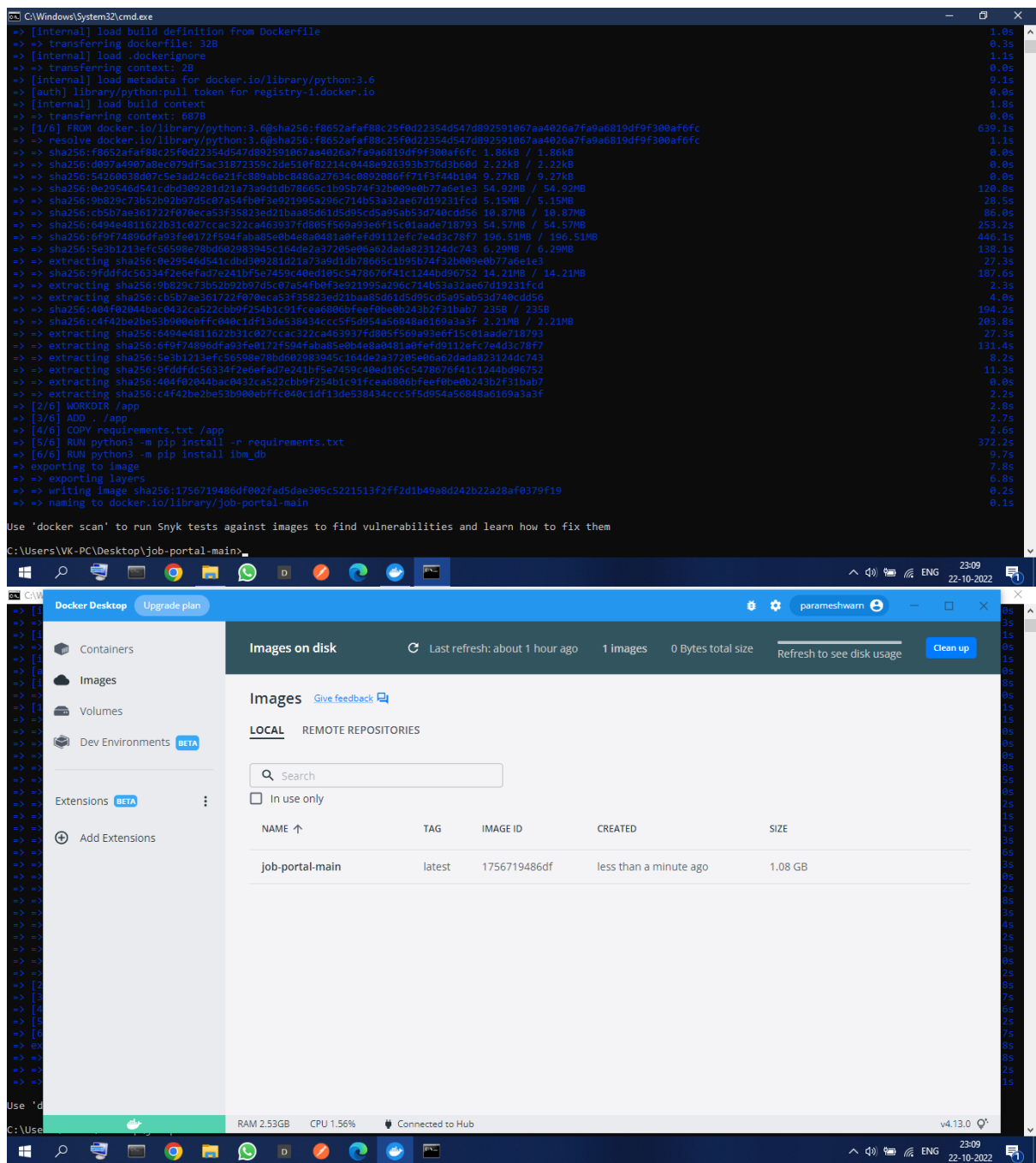
Containers created

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