

## Assignment – 4

Team ID	PNT2022TMID23325
Student Name	Jegadeesh SSRA
Maximum Marks	2 Marks

### Questions:

- Pull an image from docker hub and run it in docker playground.

The image shows a sequence of steps to pull and run a Docker image in a playground environment.

**Top Screenshot: Docker Hub**

- Repository: **uifd/ui-for-docker** (16M+ pulls)
- By **uifd** • Updated 6 years ago
- Description: A web interface for Docker, formerly known as DockerUI. Deprecated, use Portainer for new features.
- Tags: **latest**
- Docker Pull Command: `docker pull uifd/ui-for-docker`

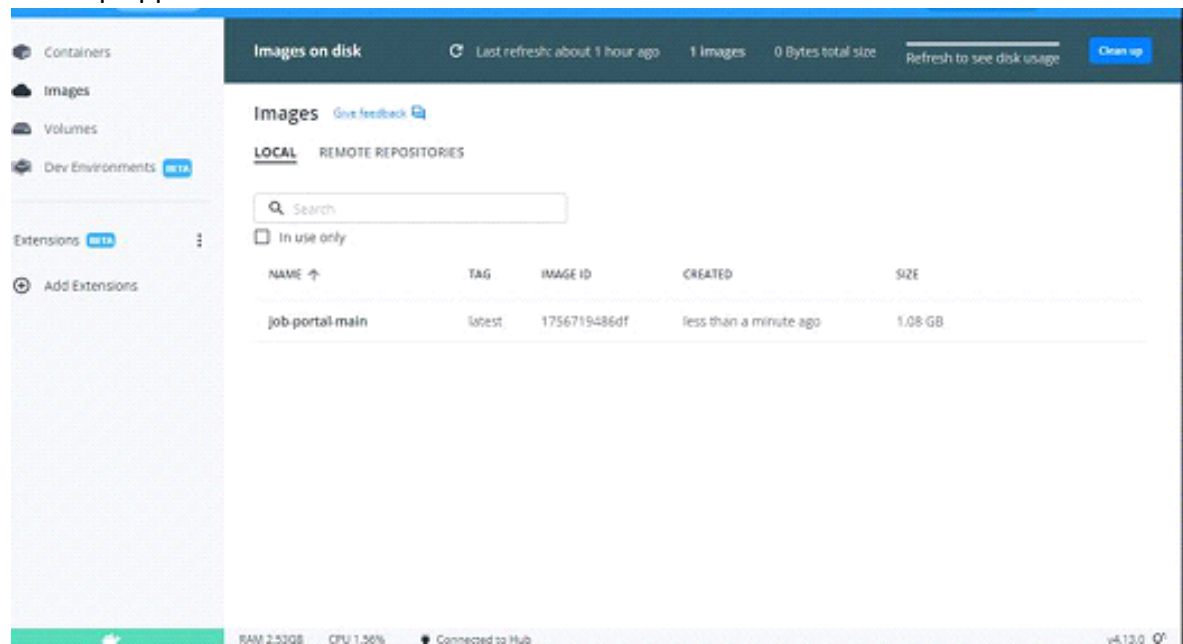
**Bottom Screenshot: Docker Playground**

- Session ID: `cd9an2u3_cd9av060qau0008hbjs0`
- IP: `192.168.0.13`
- Buttons: **CLOSE SESSION**, **OPEN PORT**
- Instances: `192.168.0.13 node1`
- Terminal Output:

```
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
c590dd163101ae795bdcea0eb1ddd98f6fe549cb5f24dacb9ff7c1931923fc0d
(node1) (local) root@192.168.0.13 ~
```

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



The image shows two screenshots related to Docker container management.

The top screenshot displays the "UI For Docker" web interface. It features a navigation bar with tabs: Dashboard, Containers, Containers Network, Images, Networks, Volumes, and Info. A "Refresh" button is on the right. The main content area has a large heading "UI For Docker" with the subtitle "The UI for Docker container engine" and a "Learn more" button. Below this, there are sections for "Running Containers" (showing a container named "beautiful\_goldwasser" with a status of "Up About a minute") and "Status" (represented by a green progress indicator).

The bottom screenshot shows a terminal window with a sidebar on the left containing a clock (03:42:30), a "CLOSE SESSION" button, and an "Instances" section with a "+ ADD NEW INSTANCE" button. The main terminal area displays the following commands and output:

```
cd9an2u3_cd9av060qau0008hbjs0
IP: 192.168.0.13 OPEN PORT
Memory CPU
SSH: ssh ip172-18-0-4-cd9an2u3tccg00fg6k0@direct.labs.play-with-docker.com/
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: Full complete
Digest: sha256:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadef244870572150b1cb749
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 ~
$
```

• Create an IBM container registry and deploy helloworld app or jobportalapp.