

### Assignment - 3

#### Docker and Kubernetes

Assignment Date	21 October 2022
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Maximum Marks	2 Marks

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

The screenshot displays two browser windows. The top window shows the Docker Hub page for the repository `uifd/ui-for-docker`. The page indicates that the repository is deprecated and suggests using Portainer instead. It shows the repository was updated 6 years ago and has over 10M pulls. The 'Overview' tab is selected, showing a description of the UI For Docker as a web interface for the Docker Remote API. A 'Docker Pull Command' box contains the command `docker pull uifd/ui-for-docker`.

The bottom window shows the Docker Playground interface. It displays a session titled `cd9an2u3_cd9av060qau0008hbjs0` with an IP address of `192.168.0.13`. The interface includes buttons for 'CLOSE SESSION', 'OPEN PORT', 'DELETE', and 'EDITOR'. A terminal window is open, showing the execution of the `docker pull` command and the `docker run` command to start the container. The terminal output shows the image being pulled from Docker Hub and the container starting successfully.

```
# This is a sandbox environment. Using personal credentials is HIGHLY discouraged. Any consequences of doing so are completely the user's responsibilities.
# The PWD 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
841194d000c8: Full 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

- beautiful\_goldwasser [Up About a minute](#)

Status



UI For Docker

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Refresh

Running Containers

- beautiful\_goldwasser [Up About a minute](#)

Status



Running Stopped Ghost

Containers created

1

21/10/2022

Images created

1



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

