

## Assignment - 4

### 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 shows a web browser with two tabs. The first tab is Docker Hub, displaying the repository page for `uifd/ui-for-docker`. The repository is marked as deprecated, with a note that development continues at `portainer/portainer`. The page shows the repository name, a star icon, and a pull count of 10M+. The second tab is Docker Playground, showing a session titled `cd9an2u3_cd9av060qau0008hbjso`. The session details include the IP address `192.168.0.13`, memory usage, CPU usage, and an SSH command to connect to the instance. The terminal output shows the following commands and results:

```
# 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.
#####
[modul] (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
[modul] (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
c590dd163101ae795bdcea0eb1dd98f6fe549cb5f24dab9ff7c1931923fc0d
[modul] (local) root@192.168.0.13 ~
$
```



### Running Containers

• beautiful\_gpt4o [Up About a minute](#)

### Status



### Running Containers

• beautiful\_gpt4o [Up About a minute](#)

### Status



Running Stopped Ghost

### Containers created

4

21/10/2022

### Images created

1



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

