

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 'Image' tab is selected, showing the 'latest' tag. A 'Docker Pull Command' box displays 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 'Instances' section shows a single instance named `node1`. 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 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: Pull complete
Digest: sha256:fe371f5a69549269b24073a5ab1244dd4c0b834cbadef244870572150b1cb749
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
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UI For Docker

The UI for Docker container engine

[Learn more.](#)

Running Containers

- beautiful_goldwasser [Up About a minute](#)

Status



UI For Docker

Dashboard	Containers	Containers Network	Images	Networks	Volumes	Info	Refresh
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Running Containers

- beautiful_goldwasser [Up About a minute](#)

Status



Running Stopped Ghost

Containers created



Images created



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

[illegible]