

## 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 displays two web interfaces. The top interface is Docker Hub, showing the repository 'uifd/ui-for-docker' with a pull command: `docker pull uifd/ui-for-docker`. The bottom interface is Docker Playground, showing a terminal session where the same command is executed. The terminal output shows the image being pulled from Docker Hub and then running in a container.

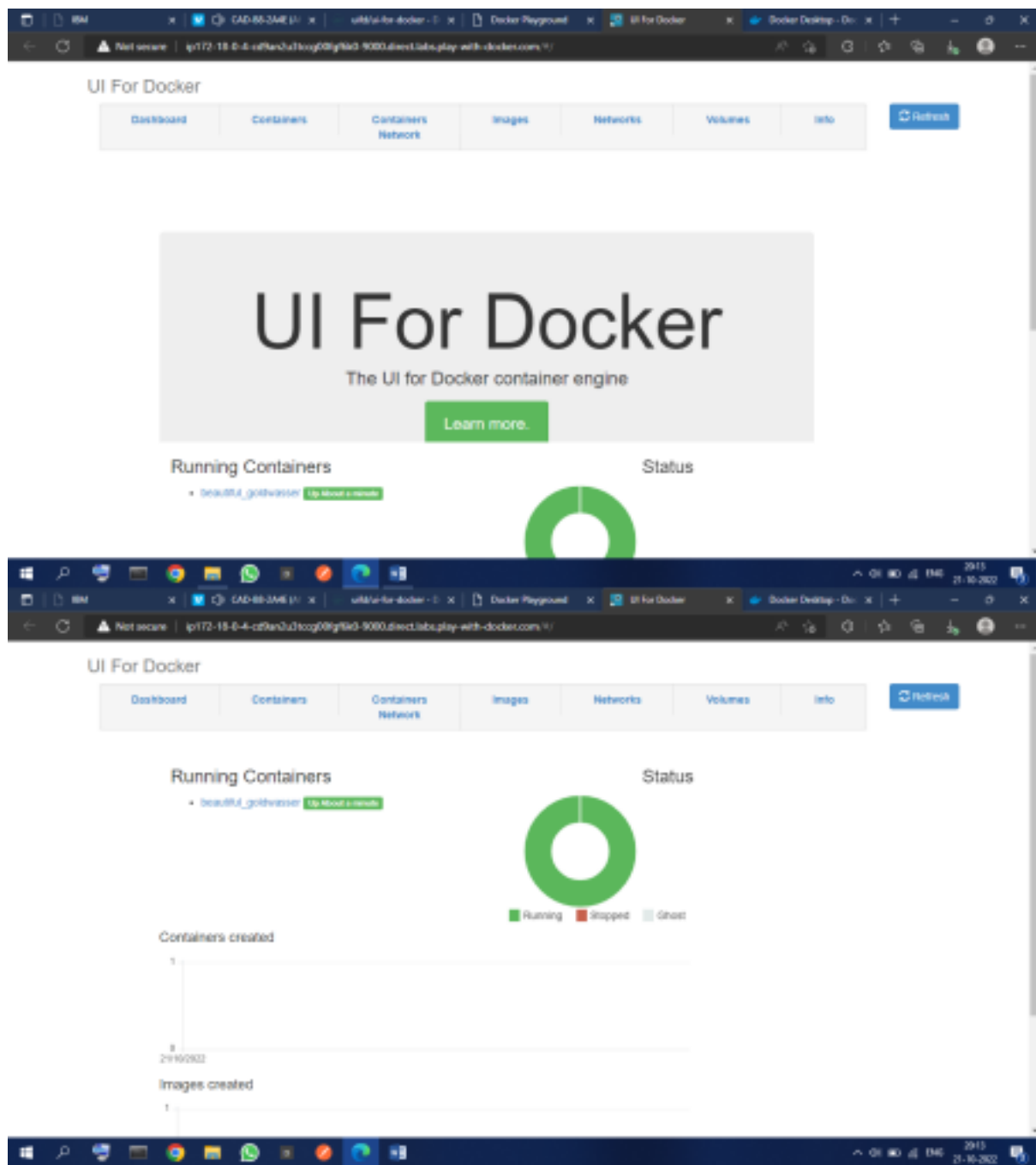
**Docker Hub Interface:**

- Repository: `uifd/ui-for-docker`
- By: `uifd` • Updated 8 years ago
- Description: A web interface for Docker, formerly known as DockerUI. Deprecated, use Portainer for new features.
- Tags: Overview, Tags
- UI For Docker: This repo is deprecated. Development continues at `portainer/portainer`.
- Docker Pull Command: `docker pull uifd/ui-for-docker`

**Docker Playground Interface:**

- Session ID: `cd9an2u3_cd9av060qau0008hbjs0`
- IP: `192.168.0.13`
- Memory: 512M
- CPU: 100%
- SSH: `ssh ip172-18-0-4-cd9an2u3iccp00f90k0cd9an2u3_cd9av060qau0008hbjs0`
- Terminal Output:

```
# This is a sandbox environment. Using personal credentials is
# is HIGHLY discouraged. Any consequences of doing so are
# completely the user's responsibility.
#
# The FWD lines.
#=====
[roob@1] [linux] root@192.168.0.13 ~
$ docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
441134d888c8: Pull complete
Digest: sha256:6c3711f0e09549249b24673a8ab12444460b634cb0ff244670872336b3cb749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
[roob@1] [linux] 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
c95844543191ae793bdc0a0b1dd09d6d6e849eb5c244adb9ef7c1931923fcd
[roob@1] [linux] root@192.168.0.13 ~
$
```



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

[illegible]