

## Assignment -4

### Docker and Kubernetes

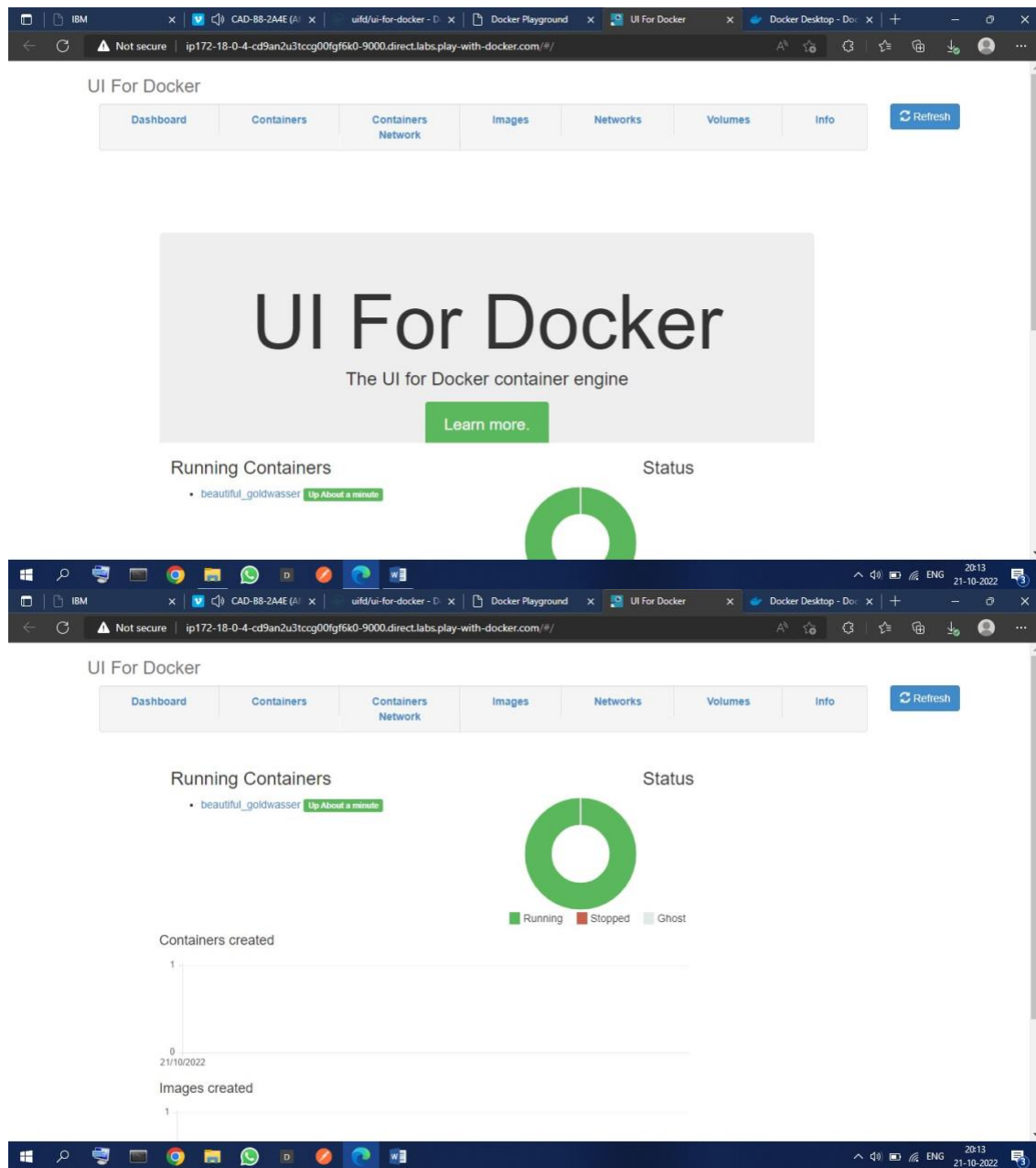
Assignment Date	21 October 2022
Student Name	PRAVEEN KUMAR S
Student Roll Number	312319104118
Maximum Marks	2 Marks

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

The screenshot is divided into two main sections. The top section 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 provides a Docker Pull Command: `docker pull uifd/ui-for-docker`.

The bottom section shows the Docker Playground interface. It displays the IP address `192.168.0.13` and the SSH command: `ssh ip172-18-0-4-cd9an2u3tccg00fg6k0@direct.labs.play-with-docker.com`. The terminal output shows the following commands and their 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. #
#####
[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
c590dd163101ae795bdcea0eb1ddd98f6fe549cb5f24dadb9ff7c1931923fc0d
[node1] (local) root@192.168.0.13 ~
$
```



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