

## Assignment -4

### Docker and Kubernetes

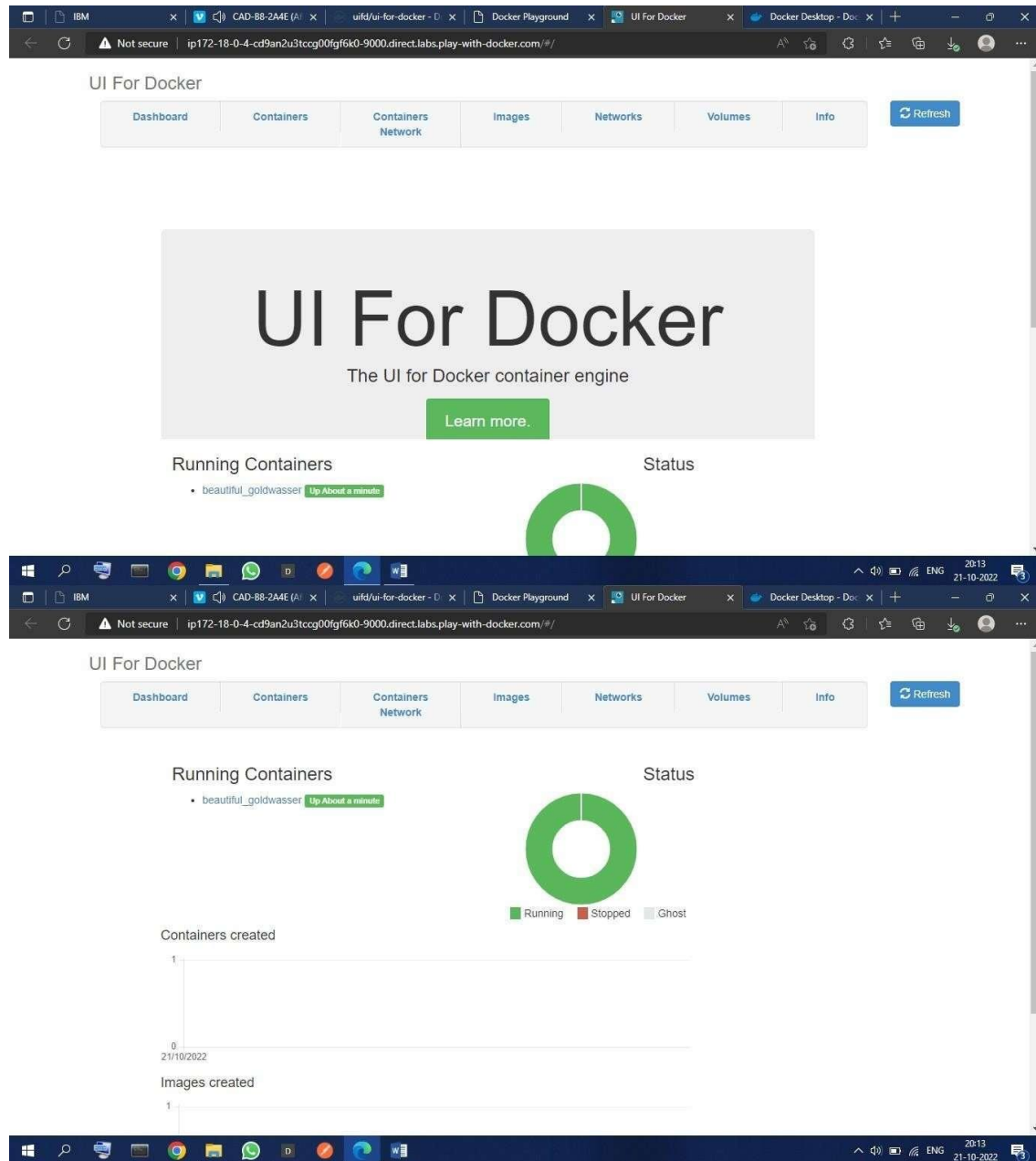
Assignment Date	17 NOV 2022
Student Name	Nalini A
Student Roll Number	953419104037
Maximum Marks	2 Marks

#### 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`. It indicates the repository is deprecated and suggests using Portainer. The 'Overview' tab is active, showing a description of the web interface for the Docker Remote API. A 'Docker Pull Command' box provides the command: `docker pull uifd/ui-for-docker`.

The bottom window shows the Docker Playground interface. On the left, a sidebar contains a timer (03:42:30), a 'CLOSE SESSION' button, and an 'Instances' section with a single instance named 'node1' at IP 192.168.0.13. The main area shows the details for this instance, including its IP (192.168.0.13), memory, CPU, and an SSH command: `ssh ip172-18-0-4-cd9an2u3tccg00fg6k0@direct.labs.play-w`. Below this, a terminal window shows the execution of the following commands:

```
[node1] (local) root@192.168.0.13 ~
$ docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
341194d080e9: 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
a590dd163101ae793bdece0eb1dd898fefe549cb5f24dab99ff7c1931923fcd
[node1] (local) root@192.168.0.13 ~
$
```



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

