

Assignment -4

Docker and Kubernetes

Assignment Date	21 October 2022
Student Name	Sanjay S
Student Roll Number	311619104060
Maximum Marks	2 Marks

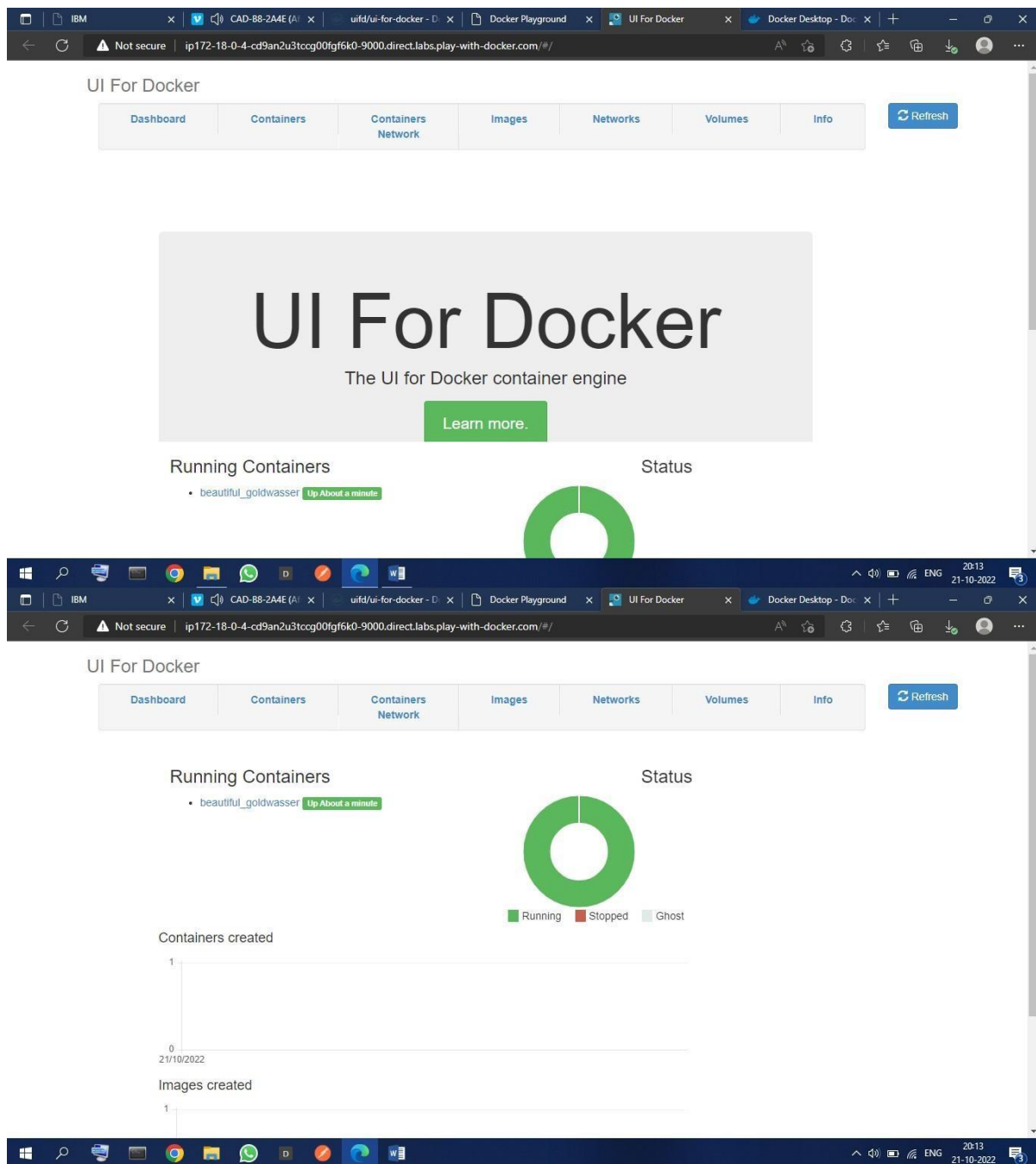
1.Pull an image from docker hub and run it in docker Playground

The screenshot is divided into two main horizontal sections. The top section shows the Docker Hub interface for the repository `uifd/ui-for-docker`. It includes the repository name, a description stating it is deprecated in favor of Portainer, and a 'Pulls 16M+' badge. A 'Docker Pull Command' box displays `docker pull uifd/ui-for-docker`. The bottom section shows the Docker Playground interface. On the left, there's a sidebar with a timer at 03:42:30, a 'CLOSE SESSION' button, and an 'Instances' list showing one instance named 'node1' with IP 192.168.0.13. The main area shows the instance details, including the IP 192.168.0.13 and an 'OPEN PORT' button. Below this, a terminal window shows the execution of the pull command and the subsequent run command:

```

root@192.168.0.13 ~
$ docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
441194d9b0c9: Pull complete
Digest: sha256:fa371ff5a69549269b24073a5ab1244dd4c0b834cbad244870572150b1cb749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
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
c590d161c101ae793bdc0eb1dd038f6fe549cb5f24dadb9f7c1931923fe0d
root@192.168.0.13 ~

```



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

