

Assignment -4

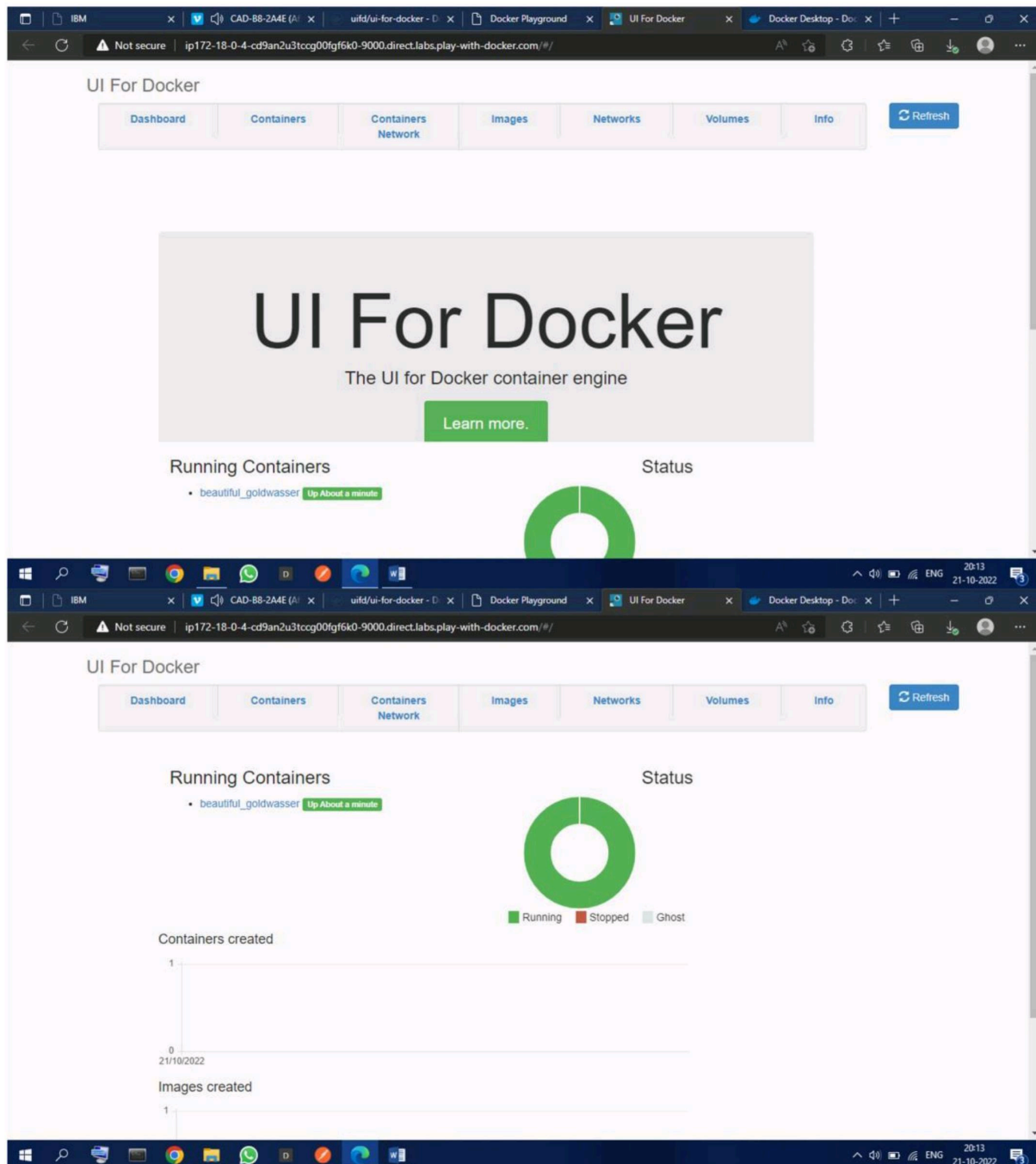
Docker and Kubernetes

Assignment Date	23 October 2022
Student Name	SOBHRA R.S
Student Roll Number	962219104106
Maximum Marks	2 Marks

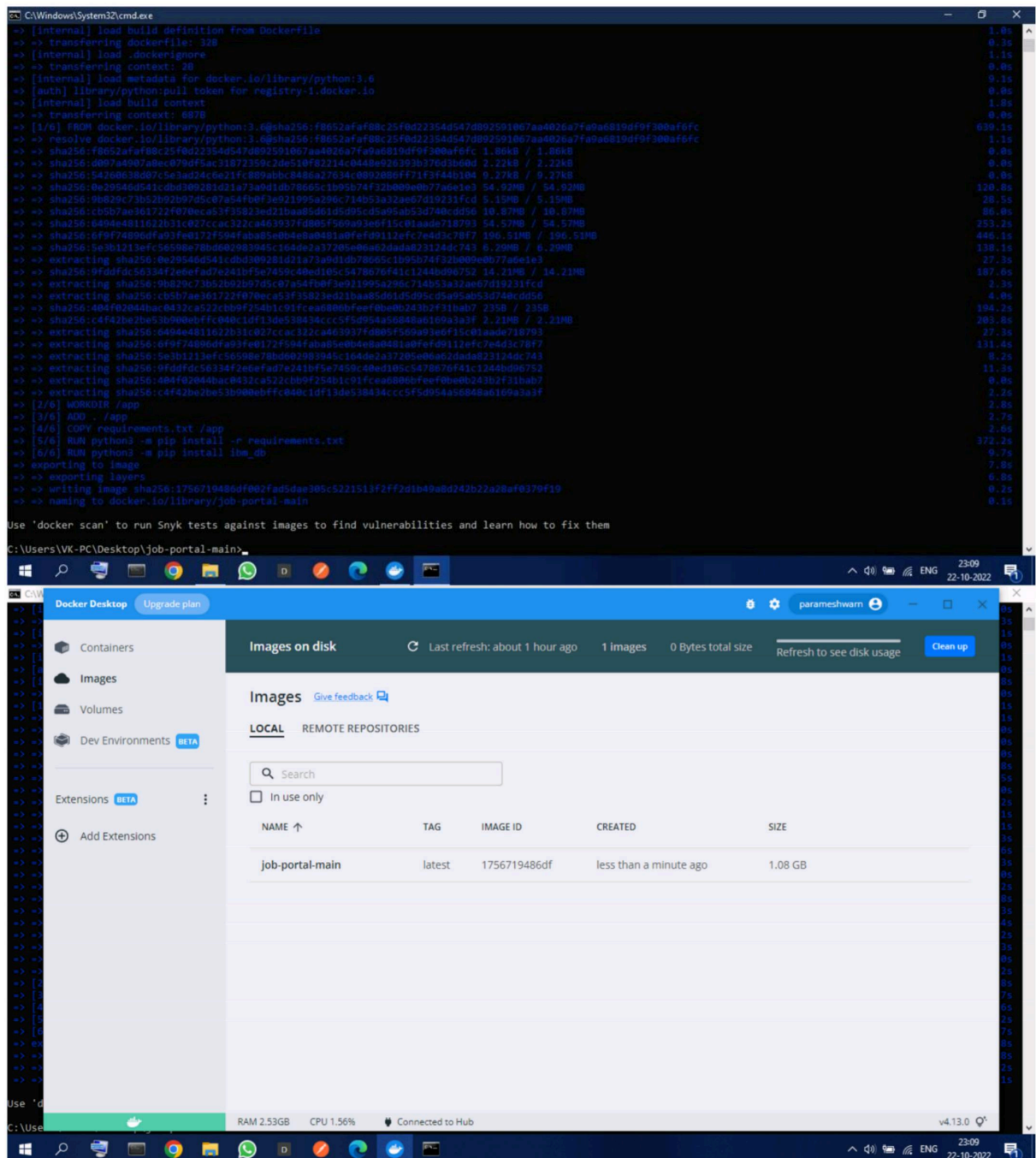
1. Pull an image from docker hub and run it in docker Playground

The screenshot shows two browser windows. The top window is Docker Hub, displaying the repository page for `uifd/ui-for-docker`. The page indicates the repository is deprecated and suggests using Portainer. It shows the Docker Pull Command: `docker pull uifd/ui-for-docker`. The bottom window is Docker Playground, showing a session with ID `cd9an2u3_cd9av060qau0008hbjs0`. The IP address is `192.168.0.13`. 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 FWD team.
#####
[model] (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
[model] (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
c590dd163101ae795bdcea0eb1ddd98f6fe549cb5f24dacb9ff7c1931923fc0d
[model] (local) root@192.168.0.13 ~
$
```

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



3.Create a IBM container registry and deploy helloworld app