

Assignment-4

Docker and Kubernetes

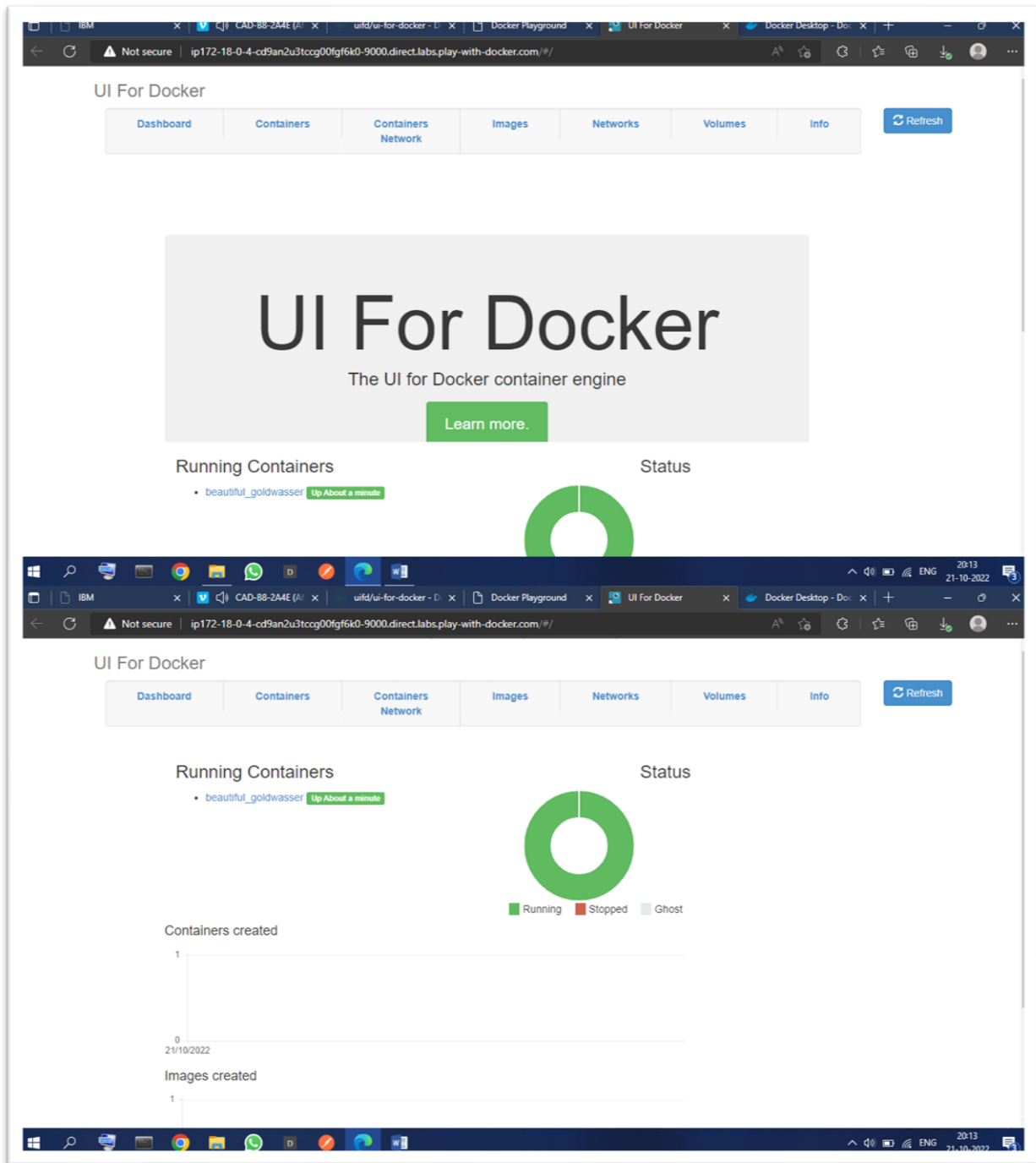
Assignment Date	21 October 2022
Student Name	Durai Raj.S
Student Roll Number	512219104006
Maximum Marks	2 Marks

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

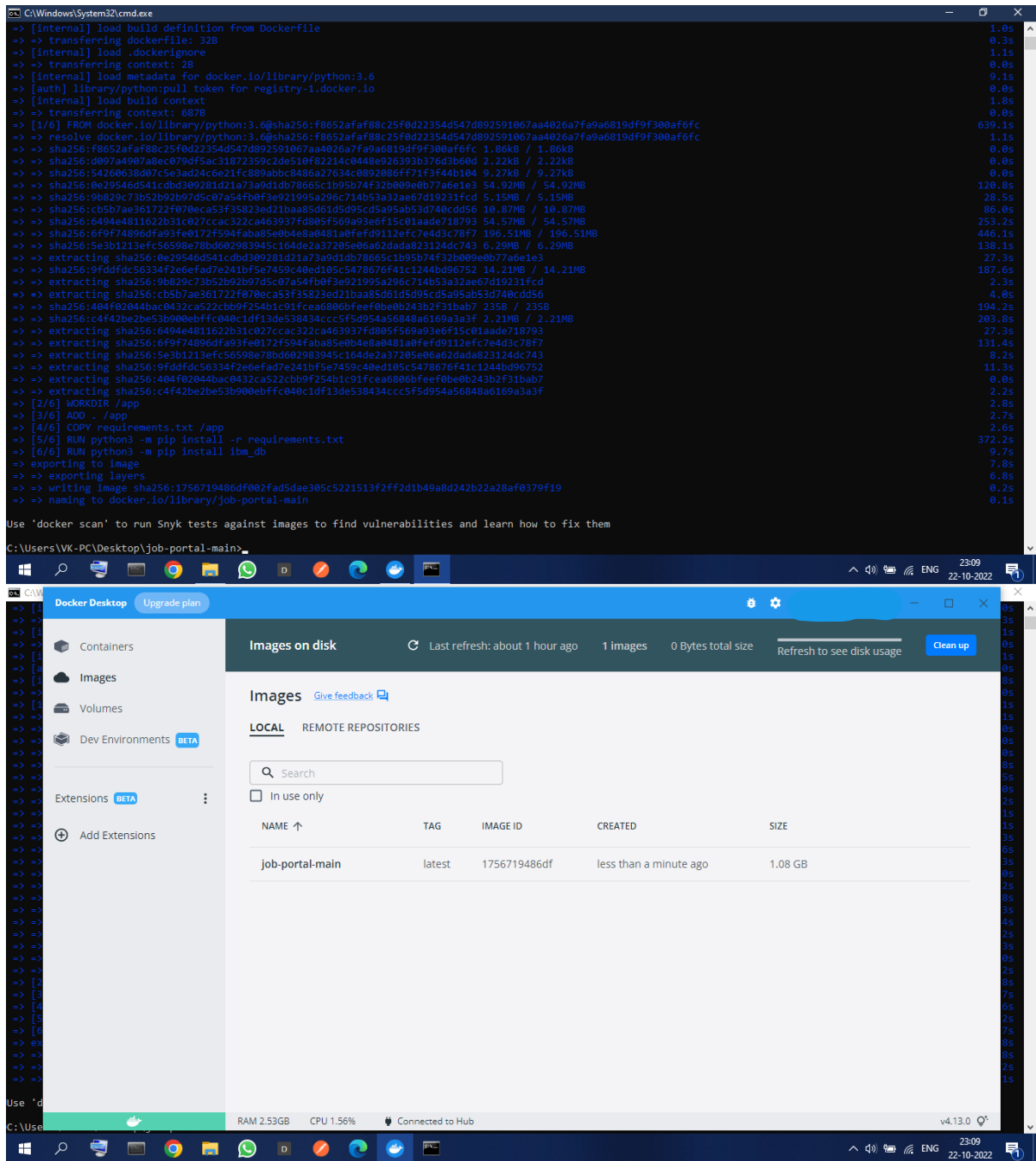
The screenshot displays two browser windows. The top window shows the Docker Hub page for the repository `uifd/ui-for-docker`. The page indicates that the repository is deprecated and suggests using Portainer for new features. It provides a Docker Pull Command: `docker pull uifd/ui-for-docker`.

The bottom window shows the Docker Playground interface. It displays the instance ID `cd9an2u3_cd9av060qau0008hbj0` and the IP address `192.168.0.13`. The interface includes a terminal window where the following commands are executed:

```
# 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
8411194d000c0: Pull complete
Digest: sha256:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
Status: Downloaded newer image for 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
c590dd163101ae795bdc0ea0eb1ddd98f6fe549cb5f24dab9ff7c1931923fc0d
(node1) (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 hello word app