

ASSIGNMENT - 4

Docker and Kubernetes

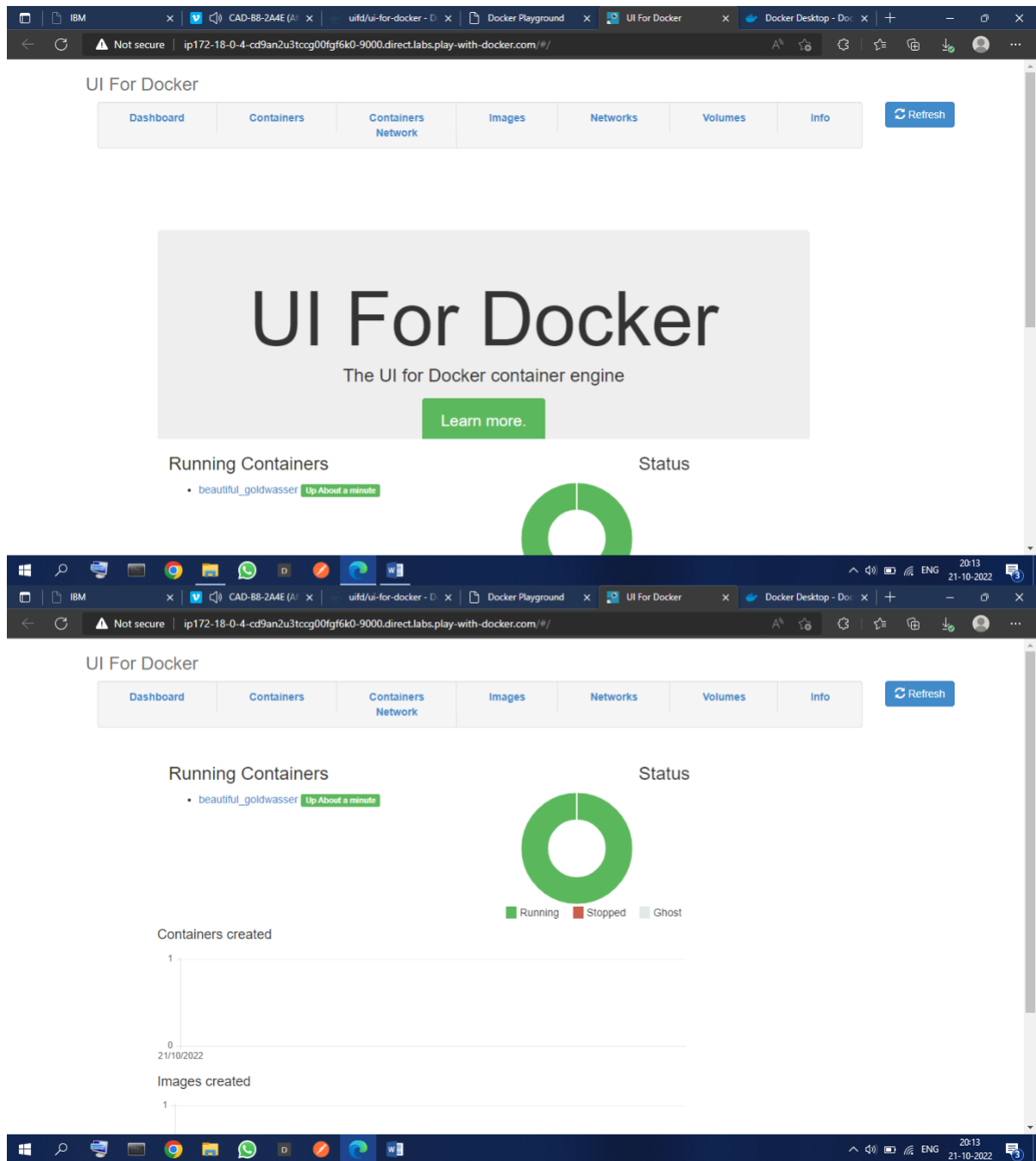
Project Name	Customer Care Registry
Team ID	PNT2022TMID07931

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

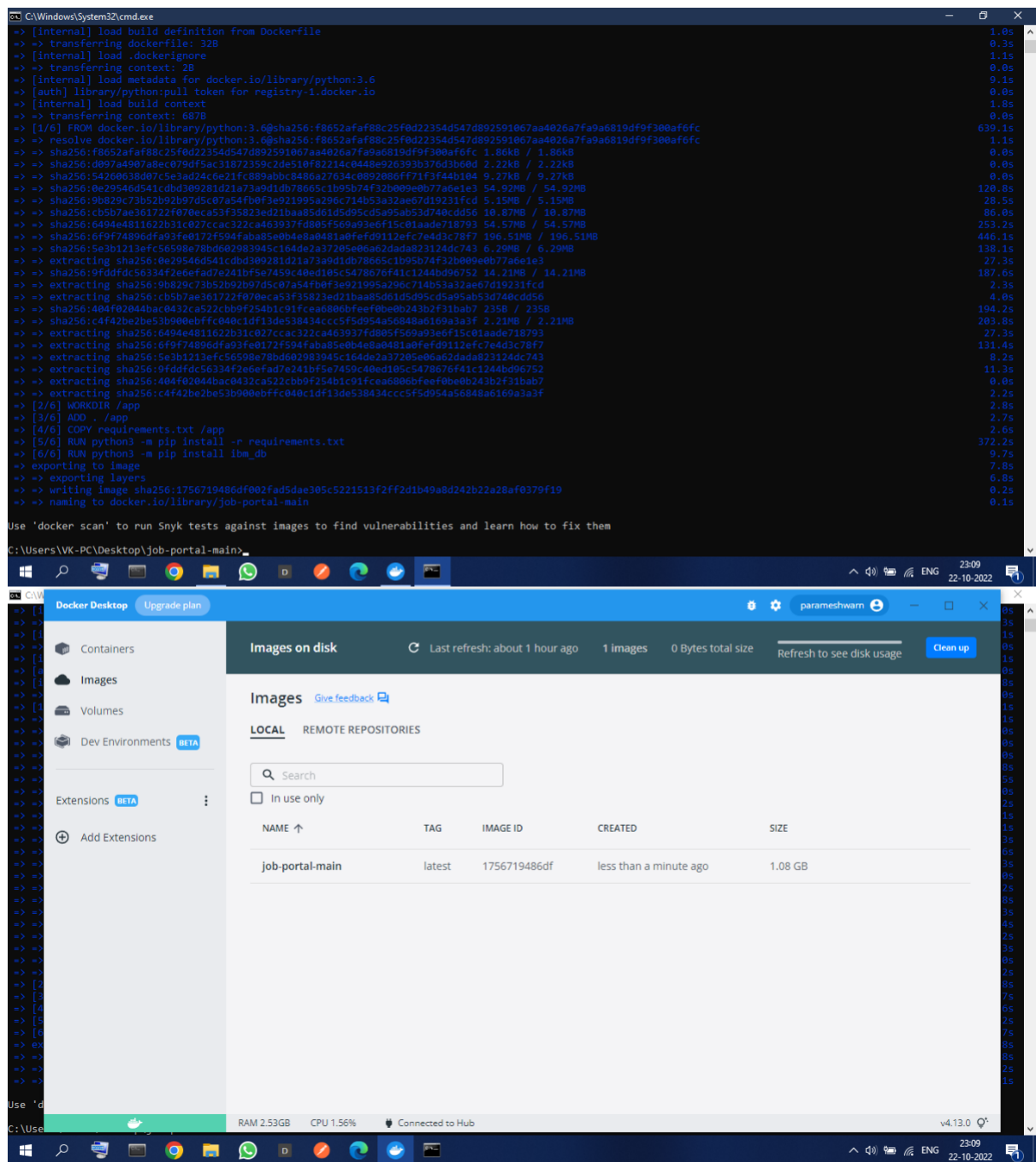
The screenshot displays two browser windows. The top window shows the Docker Hub page for the repository `uifd/ui-for-docker`. The page indicates that the repository is deprecated and development continues at `portainer/portainer`. It provides a Docker Pull Command: `docker pull uifd/ui-for-docker`.

The bottom window shows the Docker Playground interface. It displays the instance details for `cd9an2u3_cd9av060qau0008hbjs0`, including the IP address `192.168.0.13` and the SSH command: `ssh lp172-18-0-4-cd9an2u3tccg00fgf6k0@direct.labs.play-with-docker.com`. 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 PWD 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:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadef244870572150b1cb749
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
c590dd163101ae795bdcea0eb1ddd98f6fe549cb5f24dacb9ff7c1931923fc0d
[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 helloworld app