

Assignment -4

Docker and Kubernetes

Assignment Date	29 October 2022
Student Name	Gokula Vishnu.B
Student Roll Number	412519106030
Maximum Marks	2 Marks

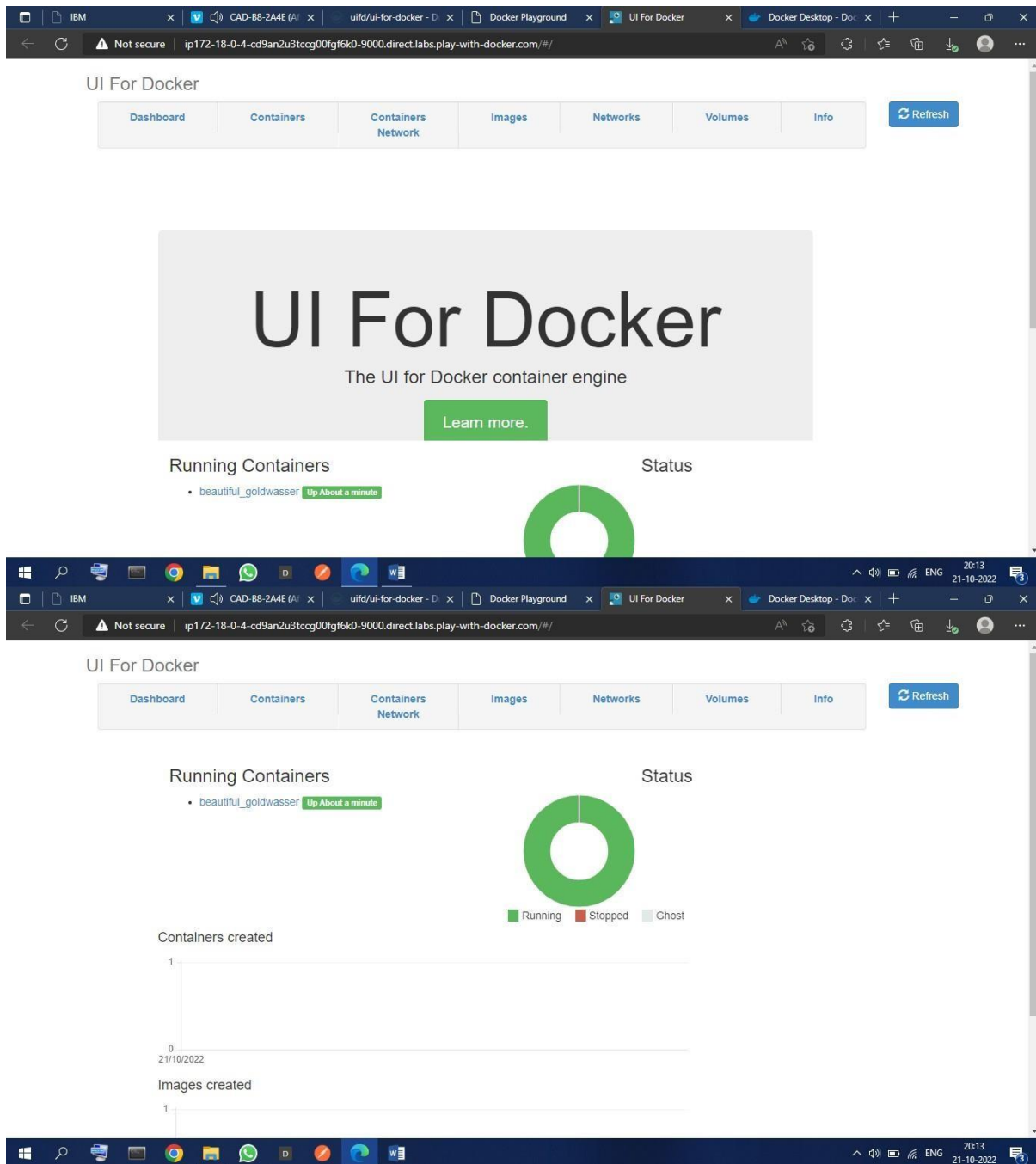
1. Pull an image from docker hub and run it in docker Playground

The screenshot displays the Docker Hub page for the `uifd/ui-for-docker` image. The page indicates that the repository is deprecated and development continues at `portainer/portainer`. A Docker Pull Command box shows the command: `docker pull uifd/ui-for-docker`.

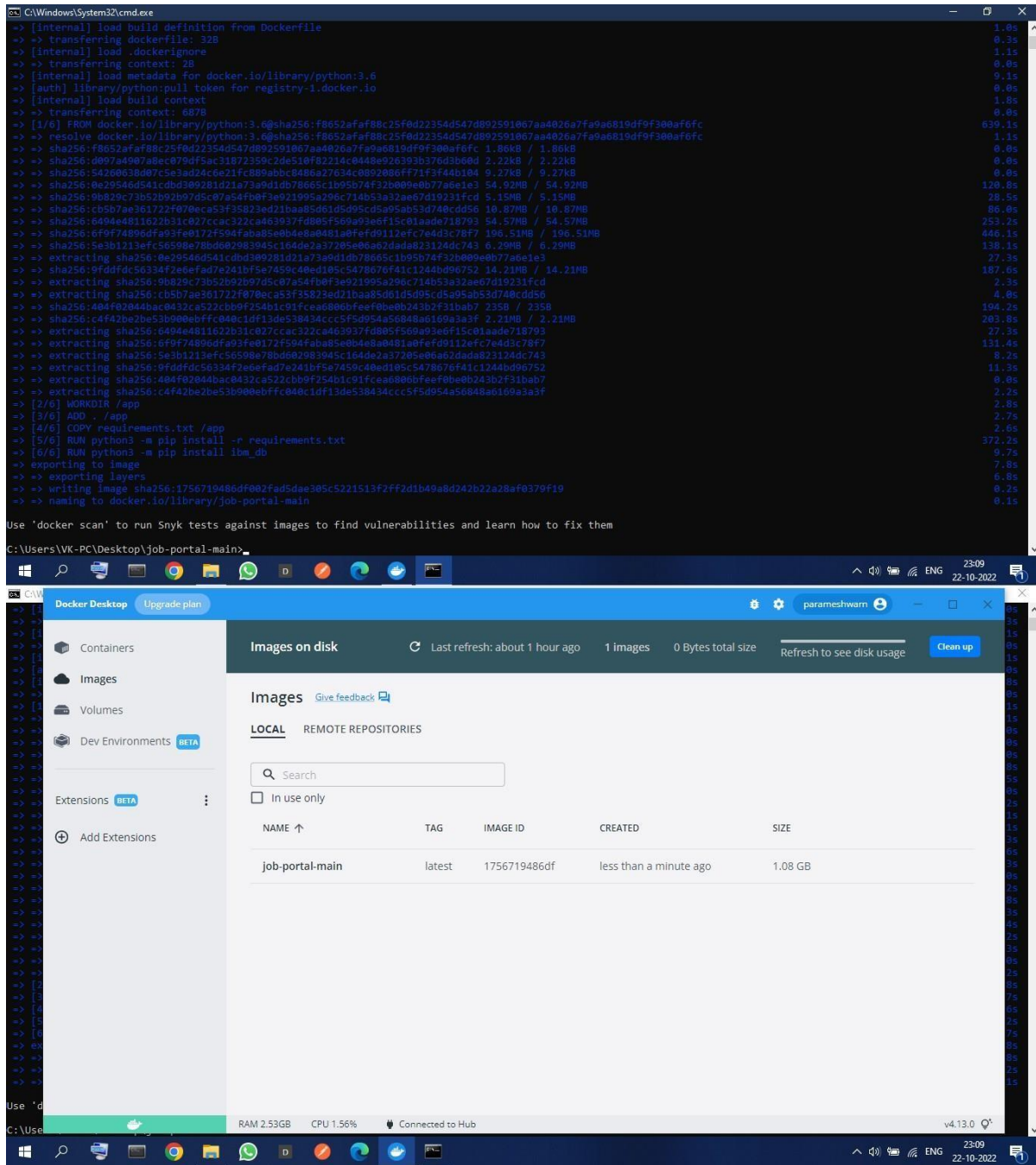
Below the Docker Hub page, the Docker Playground interface is shown. The instance name is `cd9an2u3_cd9av060qau0008hbjs0`. The IP address is `192.168.0.13`. The SSH command is `ssh ip172-18-0-4-cd9an2u3tccg00fgf6k0@direct.labs.play-w`.

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.
#####
(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:fe371ff5a69549269b24073a5ab124dd4c0b834cbadf244870572150b1cb749
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
c590dd163101ae795bdcea0eb1ddd98f6fe549cb5f24dab9ff7c1931923fc0d
(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