

## Assignment -4

### Docker and Kubernetes

Assignment Date	23 October 2022
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Maximum Marks	2 Marks

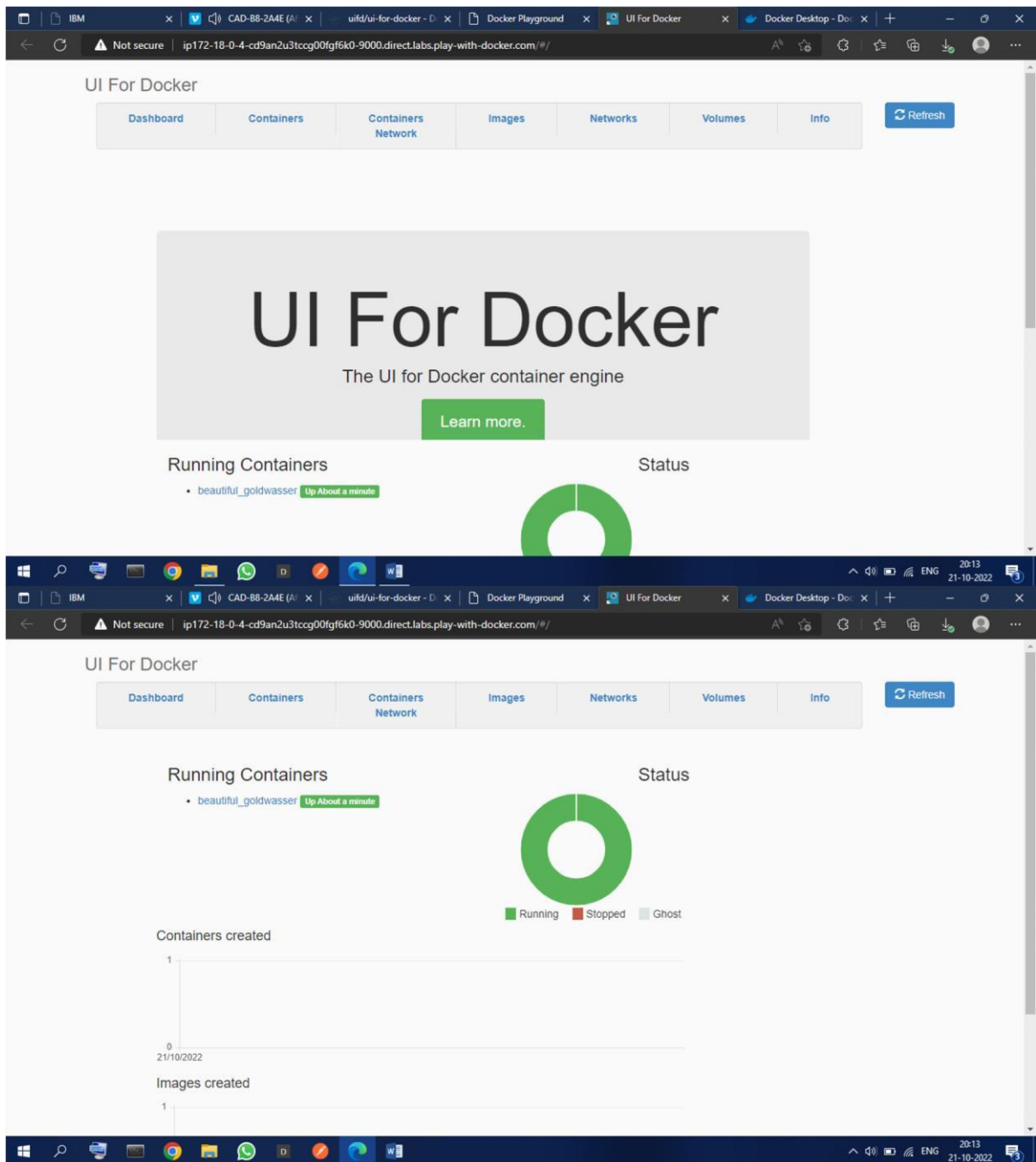
#### 1. Pull an image from docker hub and run it in docker Playground

The screenshot displays two browser windows. The top window shows the Docker Hub page for the repository `uifd/ui-for-docker`. It includes the repository name, a description stating it is deprecated and to use Portainer instead, and a Docker Pull Command box with the command `docker pull uifd/ui-for-docker`.

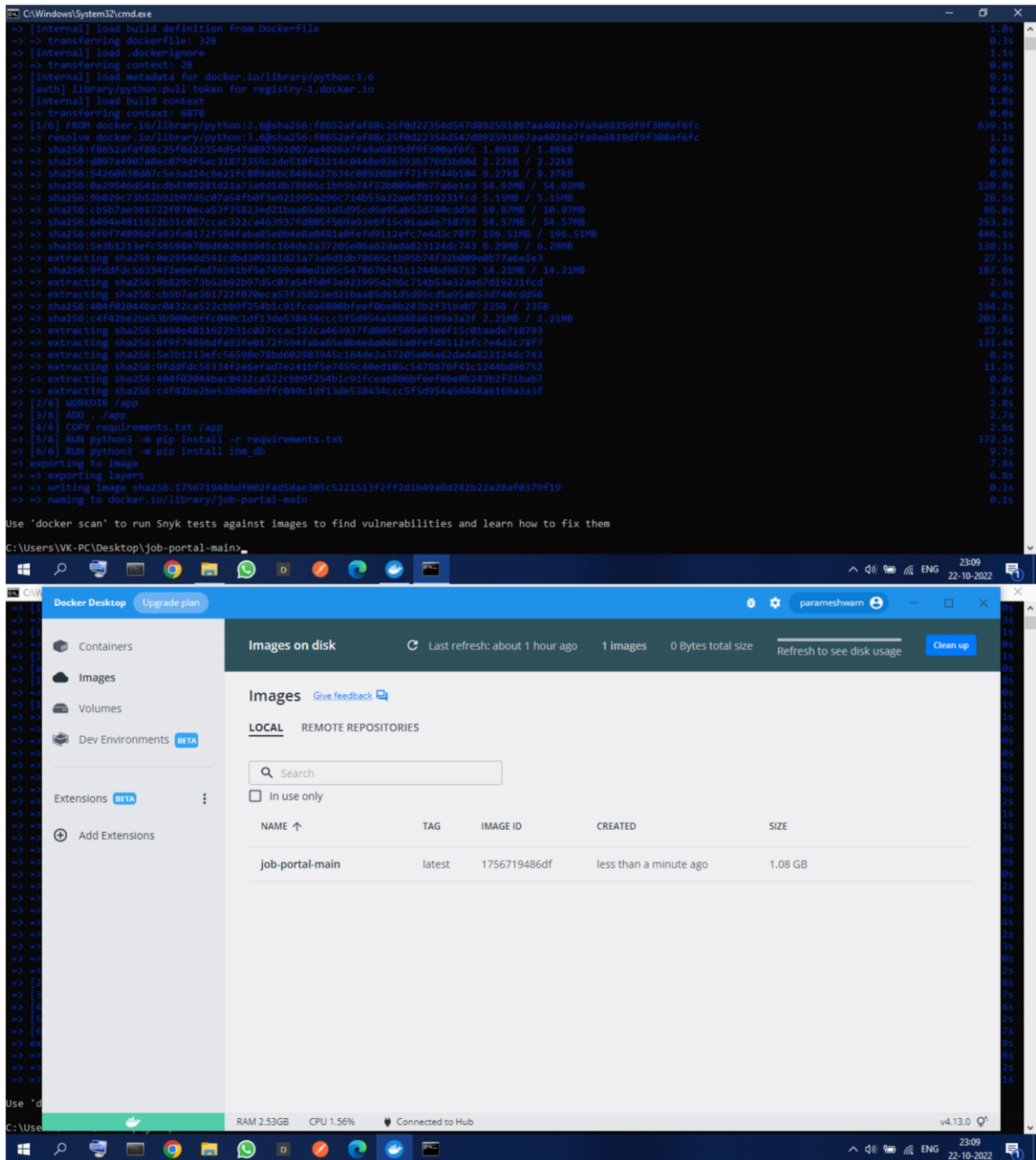
The bottom window shows the Docker Playground interface. It displays the instance ID `cd9an2u3_cd9av060qau0008hbjs0` and the IP address `192.168.0.13`. The terminal output shows the following commands and results:

```
# 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
c590dd163101ae795bdcea0eb1dd498f6fe549cb5f24dab9ff7c1931923fc0d
[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