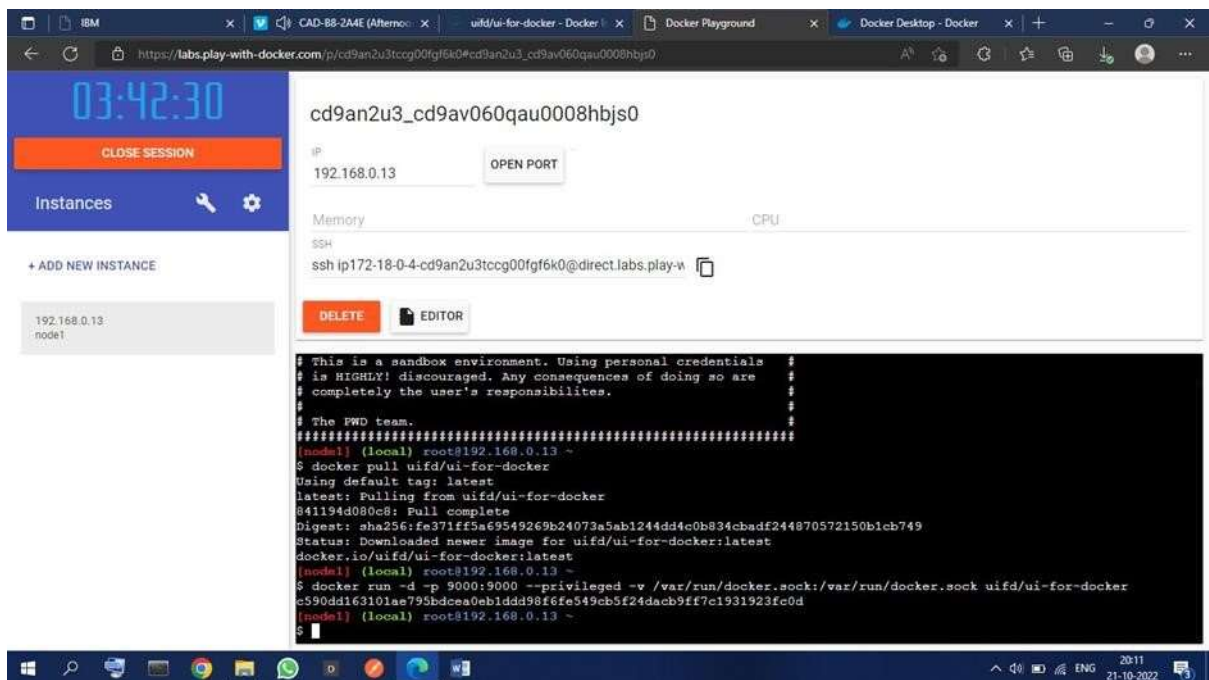
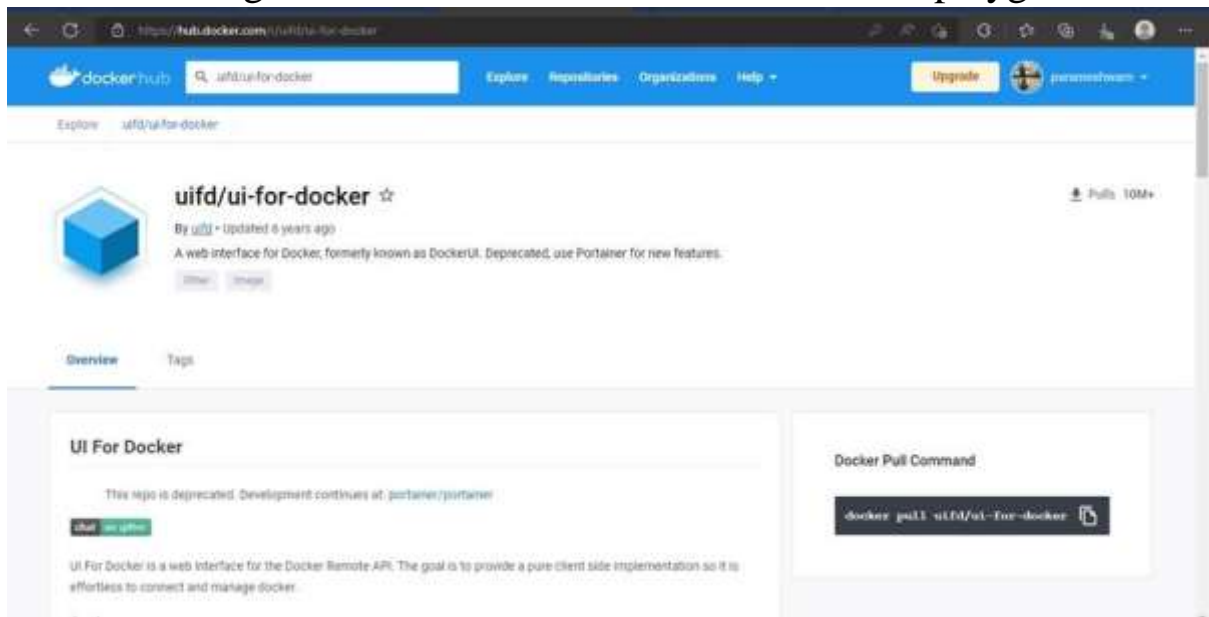


ASSIGNMENT – IV

Project Name	Plasma Donor application
Team ID	PNT2022TMID33788
Student name	Murukesan M
Student Register Number	950819104031

Questions:

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



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

```
C:\Windows\System32\cmd.exe
[Internal] load build definition from Dockerfile
-> transferring dockerfile: 32B
[Internal] load .dockerignore
-> transferring context: 2B
[Internal] load metadata for docker.io/library/python:3.9
[auth] library/python:pull token for registry-1.docker.io
[Internal] load build context
-> transferring context: 667B
[1/6] FROM docker.io/library/python:3.9@sha256:f8523a7af48c25f0d22354d547003591067aa4026a7faa6810d9f300aefc
-> resolve docker.io/library/python:3.9@sha256:f8523a7af48c25f0d22354d547003591067aa4026a7faa6810d9f300aefc
-> sha256:f8523a7af48c25f0d22354d547003591067aa4026a7faa6810d9f300aefc 1.0GB / 1.0GB
-> sha256:0b72a097db=0797fca3187238e2ad50f2214c048a920393b370d30e00 2.22MB / 2.22MB
-> sha256:54208038075e3ad346a221fcd9abec8486a27634c082000ff77f344ab104 9.27KB / 9.27KB
-> sha256:0e2954ed41c1dd589281021e71a0d10b7865c1b00074f3200000077ade1a3 54.52MB / 54.52MB
-> sha256:96828c736218200745c87a54f90f7e021895a296c714053a33a07410231f0d 5.15MB / 5.15MB
-> sha256:c8b7ae361722f070eac53f35023ed31ba05001d505cd4a96ab51d740cd256 18.07MB / 18.07MB
-> sha256:8440ae011622b31r027ccac322ca483037f0005f50005e0f15c01ade718793 54.57MB / 54.57MB
-> sha256:849f74050d7f037e0172f504fab05e004e0401a0fe4091130fc7e4d3c7070 196.51MB / 196.51MB
-> sha256:5e3b1213efc50500780002001045c1640e2a377060e0e2d4da8231248c743 0.29MB / 0.29MB
-> extracting sha256:0e2954ed41c1dd589281021e71a0d10b7865c1b00074f3200000077ade1a3
-> sha256:94d9c7c70334f2a0efad7e2040f9e7453c40078c547007c641c1344b09762 14.21MB / 14.21MB
-> extracting sha256:0e2954ed41c1dd589281021e71a0d10b7865c1b00074f3200000077ade1a3
-> extracting sha256:c8b7ae361722f070eac53f35023ed31ba05001d505cd4a96ab51d740cd256
-> sha256:404f8044b0c0a37ca572c0b0f354b1c91fca0000f0ef80eb04302f310a07 235B / 235B
-> sha256:c4420a2b5c30000efc040c1d0f13de530634cc5f5d954a5044a0160a34f 2.21MB / 2.21MB
-> extracting sha256:c4420a2b5c30000efc040c1d0f13de530634cc5f5d954a5044a0160a34f
-> extracting sha256:c4420a2b5c30000efc040c1d0f13de530634cc5f5d954a5044a0160a34f
-> extracting sha256:849f74050d7f037e0172f504fab05e004e0401a0fe4091130fc7e4d3c7070
-> extracting sha256:5e3b1213efc50500780002001045c1640e2a377060e0e2d4da8231248c743
-> extracting sha256:94d9c7c70334f2a0efad7e2040f9e7453c40078c547007c641c1344b09762
-> extracting sha256:404f8044b0c0a37ca572c0b0f354b1c91fca0000f0ef80eb04302f310a07
-> extracting sha256:c4420a2b5c30000efc040c1d0f13de530634cc5f5d954a5044a0160a34f
-> [2/6] WORKDIR /app
-> [3/6] ADD . /app
-> [4/6] COPY requirements.txt /app
-> [5/6] RUN python3 -m pip install -r requirements.txt
-> [6/6] RUN python3 -m pip install flw_db
-> exporting to image
-> writing image sha256:1756719486dfad0dae705c3221519f2ff231d49a0d242022a70f70f19
-> naming to docker.io/library/job-portal-main

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

C:\Users\VK-PC\Desktop\job-portal-main>
```

Docker Desktop

Containers Images Volumes Dev Environments **EXTA** Add Extensions

Images on disk Last refresh: about 1 hour ago 1 Images 0 Bytes total size Refresh to see disk usage Clean up

Images [Give feedback](#)

LOCAL REMOTE REPOSITORIES

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NAME	TAG	IMAGE ID	CREATED	SIZE
job-portal-main	latest	1756719486df	less than a minute ago	1.08 GB

RAM 2.53GB CPU 1.56% Connected to Hub v4.13.0

3. Create an IBM container registry and deploy helloworld app or job portal app.

The image shows two screenshots. The top screenshot is the 'UI For Docker' web interface. It has a navigation bar with tabs: Dashboard, Containers, Containers Network, Images, Networks, Volumes, and Info. A 'Refresh' button is on the right. The main content area has a large 'UI For Docker' title, the subtitle 'The UI for Docker container engine', and a 'Learn more.' button. Below this, it shows 'Running Containers' with one container named 'beautiful_goldwasser' and a 'Status' section with a green progress indicator.

The bottom screenshot is a terminal window showing the installation and running of the 'ui-for-docker' container. The terminal output is as follows:

```
# 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.  
#####  
[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:fe371ff3a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749  
Status: Downloaded newer image for uifd/ui-for-docker:latest  
docker.io/uifd/ui-for-docker:latest  
[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  
c590dd163101ae795bdcea0b1dd98f6fe549cb5f24dab9ff7c1931923fc0d  
[root@192.168.0.13 ~]  
$
```