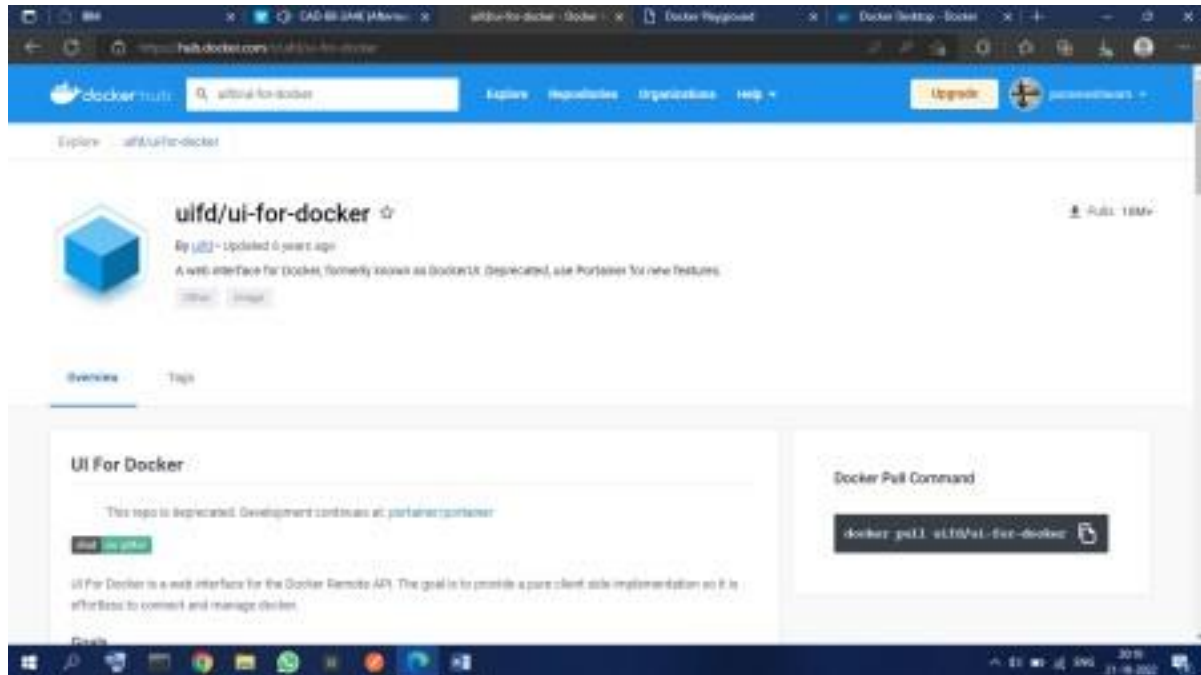


**Assignment -4**  
**Docker and Kubernetes**

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



03:42:30

CLOSE SCREEN

Instances

+ ADD NEW INSTANCE

cd9an2u3\_cd9av060qau0008hbs0

192.168.8.13

OPEN PORT

Memory CPU

ssh -i 172-18-0-4-cd9an2u3cd9av060qau0008hbs0@direct.labs.play-with-docker.com

DELETE EDITOR

```
This is a sandbox environment. Using personal credentials
is HIGHLY discouraged. Any consequences of doing so are
completely the user's responsibility.

The PWD team.
=====
root@192-168-8-13 ~#
# docker ps --all --format '{{.Image}}'
docker pull alpine/alpine:latest
Using default tag: latest
latest: Pulling from alpine/alpine
4d11942090a0: Pull complete
Digest: sha256:7e3712f5a6354524b2477a5b1244d8c0b634c9a2f244878572193a0c749
Status: Downloaded newer image for alpine/alpine:latest
root@192-168-8-13 ~#
# docker run -d --p 8000:8000 --privileged --v /var/run/docker.sock:/var/run/docker.sock alpine/alpine:latest
c390d4142101ae795b0cea94c1883814fa543ab5f24bdc9f1f7c191923f0d4
root@192-168-8-13 ~#
```

UI For Docker

Dashboard Containers Containers Network Images Networks Volumes Info

Learn more

Running Containers

+ 1 running\_justnow

Status

UI For Docker

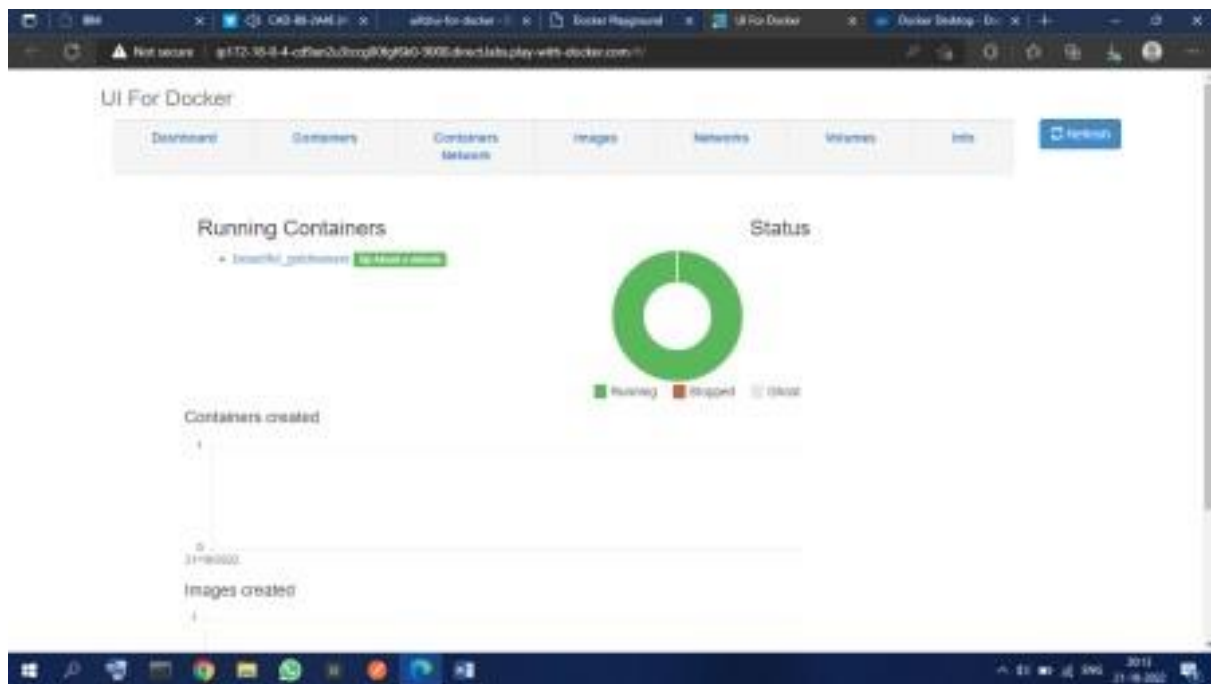
The UI for Docker container engine

Learn more

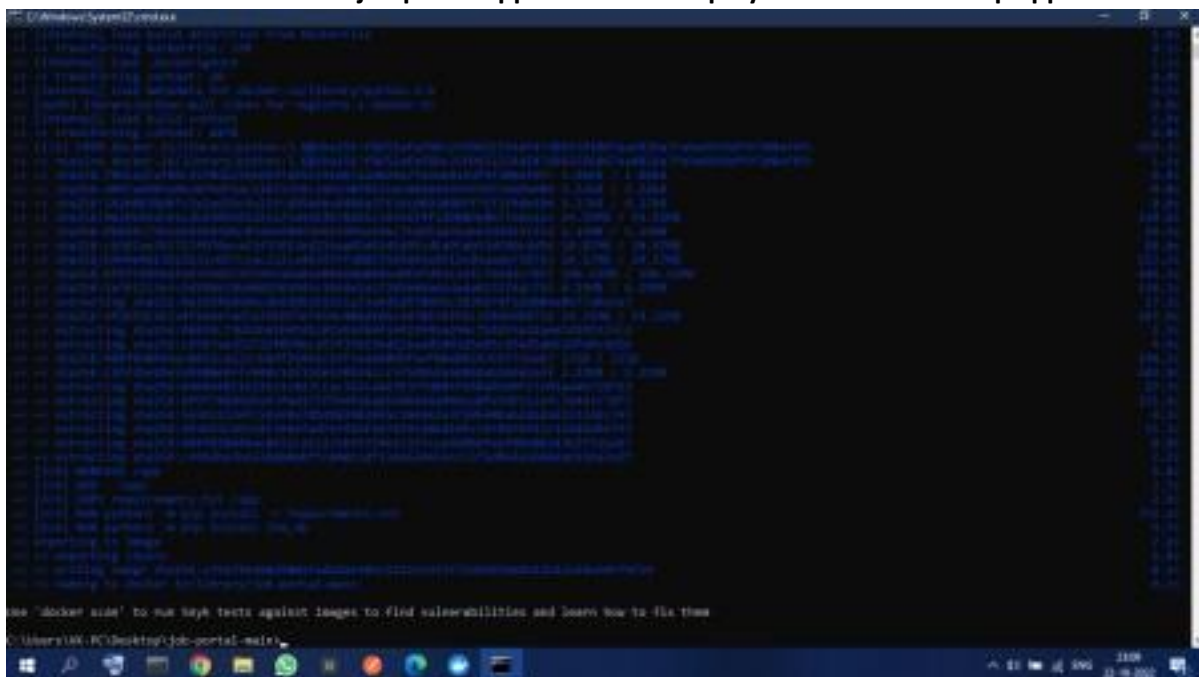
Running Containers

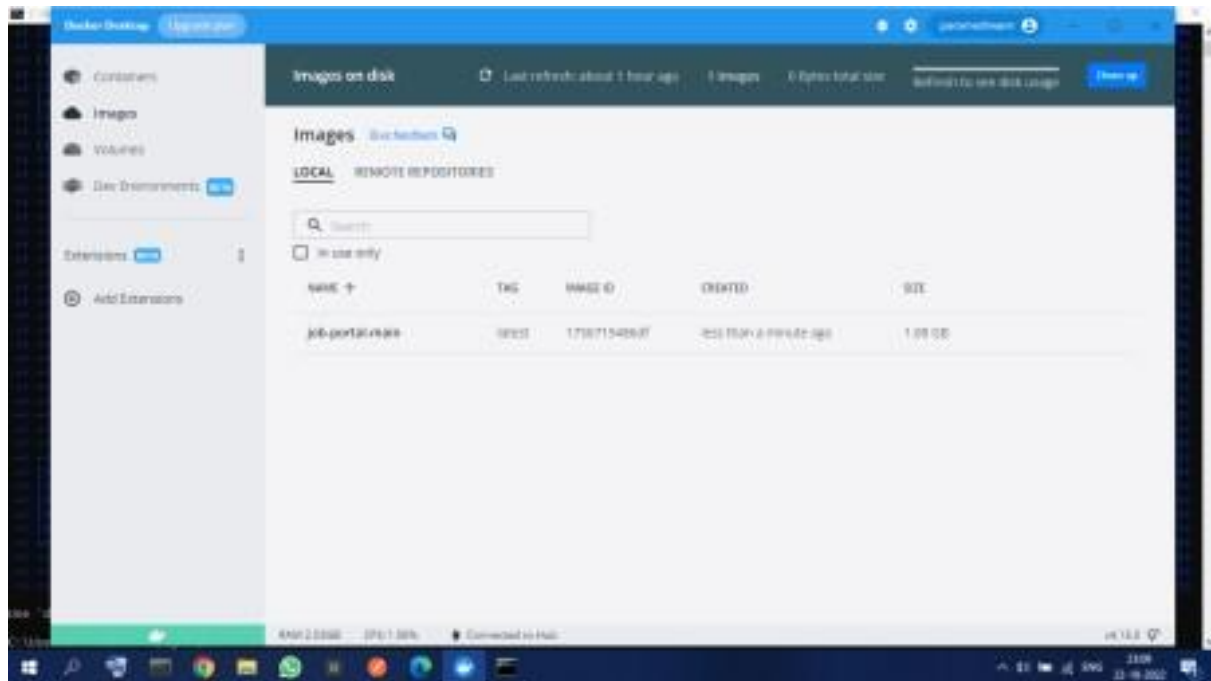
+ 1 running\_justnow

Status



## 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

