Assignment -4

Docker and Kubernetes

Assignment Date	21 October 2022
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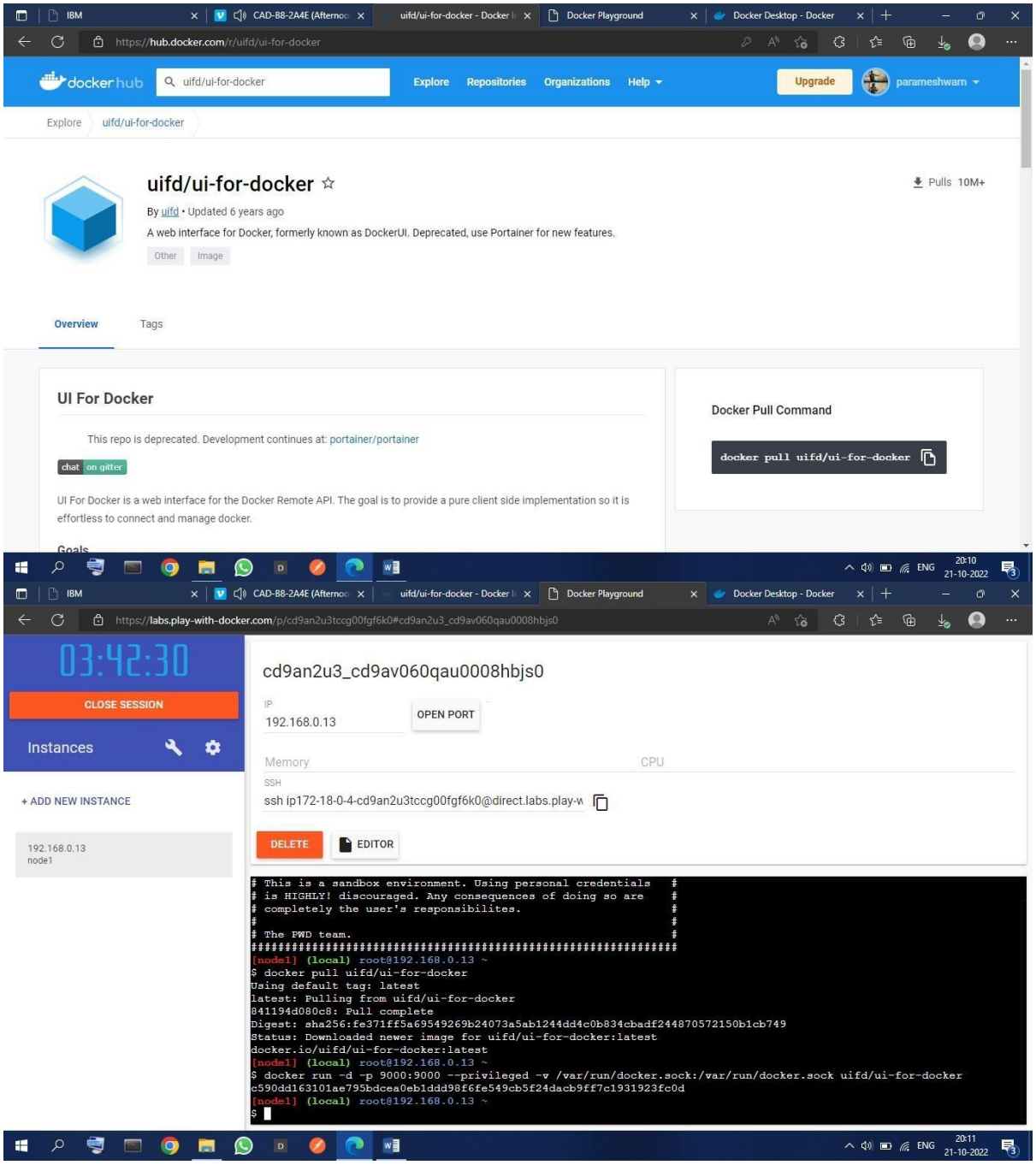
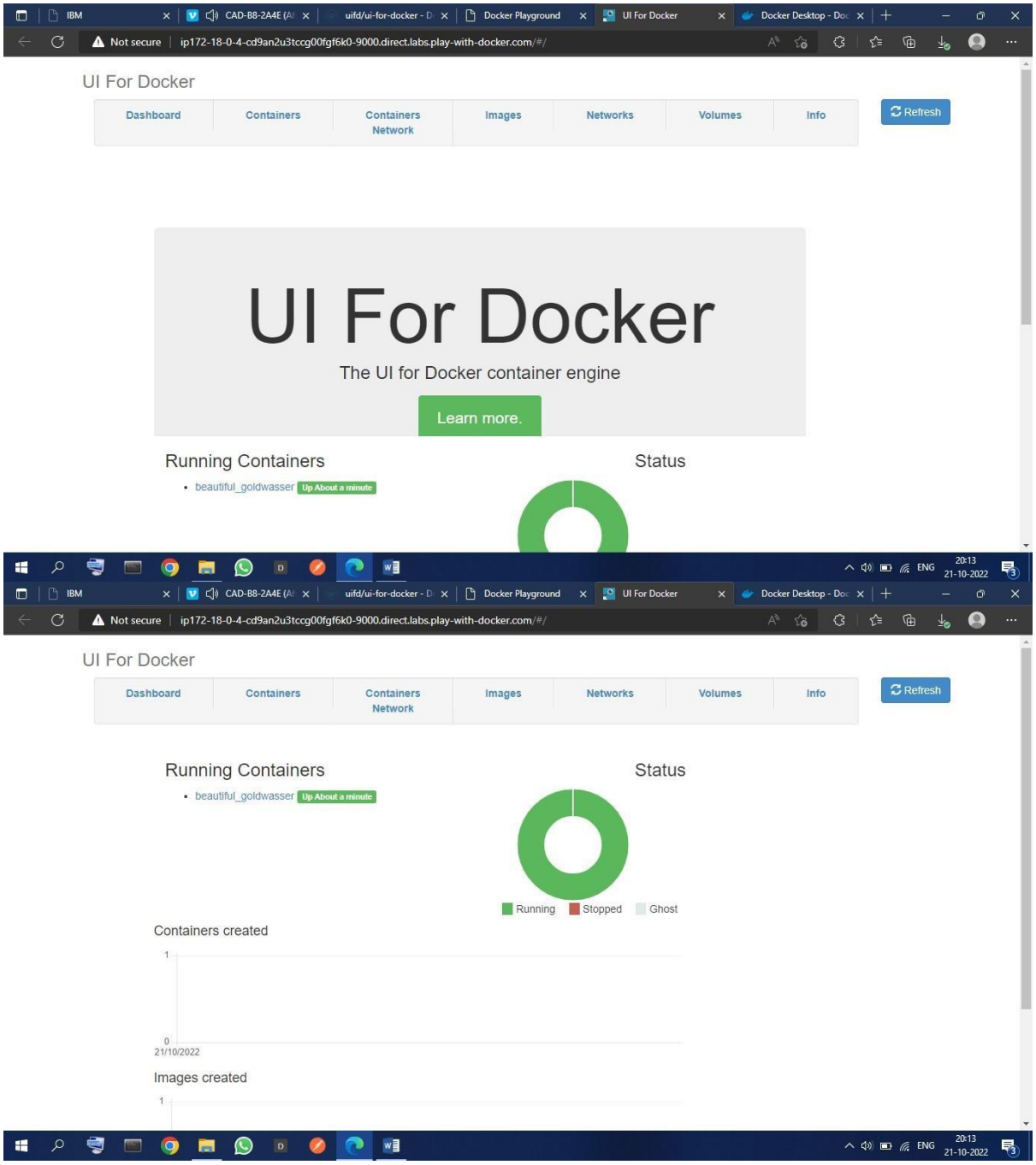
Student Roll Number	AC19UIT021
Maximum Marks	2 Marks

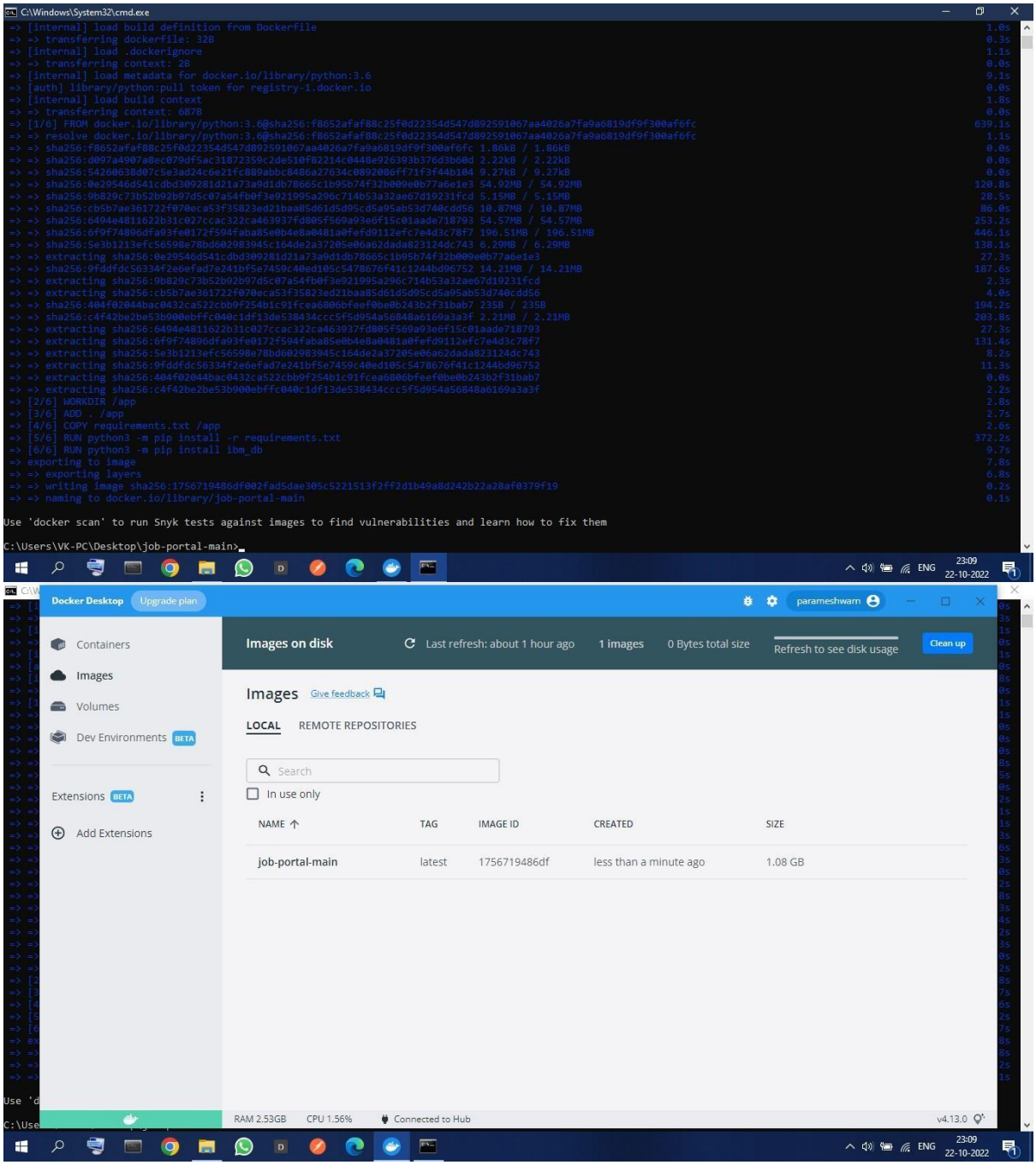
1.Pull an image from docker hub and run it in docker Playground


https://hub.docker.com/r/uifd/ui-for-docker
uifd/ui-for-docker
Explore
Repositories
Organizations
Help
Upgrade
parameshwarn
Explore
uifd/ui-for-docker
uifd/ui-for-docker
Pulls 10M+
By uifd • Updated 6 years ago
A web interface for Docker, formerly known as DockerUI. Deprecated, use Portainer for new features.
Other
Image
Overview
Tags
UI For Docker
This repo is deprecated. Development continues at: portainer/portainer
chat on gitter
UI For Docker is a web interface for the Docker Remote API. The goal is to provide a pure client side implementation so it is effortless to connect and manage docker.
Goals
Docker Pull Command
docker pull uifd/ui-for-docker

https://labs.play-with-docker.com/p/cd9an2u3tccg00fgf6k0#cd9an2u3_cd9av060qau0008hbjs0
03:42:30
CLOSE SESSION
Instances
+ ADD NEW INSTANCE
192.168.0.13
node1
cd9an2u3_cd9av060qau0008hbjs0
IP
192.168.0.13
OPEN PORT
Memory
CPU
SSH
ssh ip172-18-0-4-cd9an2u3tccg00fgf6k0@direct.labs.play-w
DELETE
EDITOR
This is a sandbox environment. Using personal credentials
is HIGHLY! discouraged. Any consequences of doing so are
completely the user's responsibilites.
# #
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:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
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 helloword app