

## Assignment -4

### Docker and Kubernetes

Assignment Date	31 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 shows a web browser with two tabs. The first tab is Docker Hub, displaying the repository page for `uifd/ui-for-docker`. The repository is marked as deprecated, with a note stating: "This repo is deprecated. Development continues at: [portainer/portainer](#)". The Docker Pull Command is shown as `docker pull uifd/ui-for-docker`.

The second tab is Docker Playground, showing a session titled `cd9an2u3_cd9av060qau0008hbjs0`. The IP address is `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. #
#####
[rook1] (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:fe371fff5a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
[rook1] (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
c590dd163101ae795bdc0a0eb1dd498f6fe549cb5f24dab9ff7c1931923fc0d
[rook1] (local) root@192.168.0.13 ~
```

UI For Docker

Dashboard Containers Containers Network Images Networks Volumes Info Refresh

# UI For Docker


The UI for Docker container engine

Learn more.

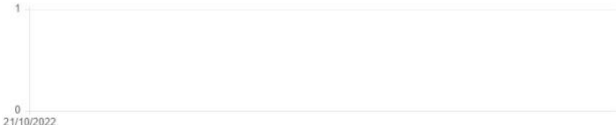
Running Containers

- beautiful\_goldwasser Up About a minute


Status



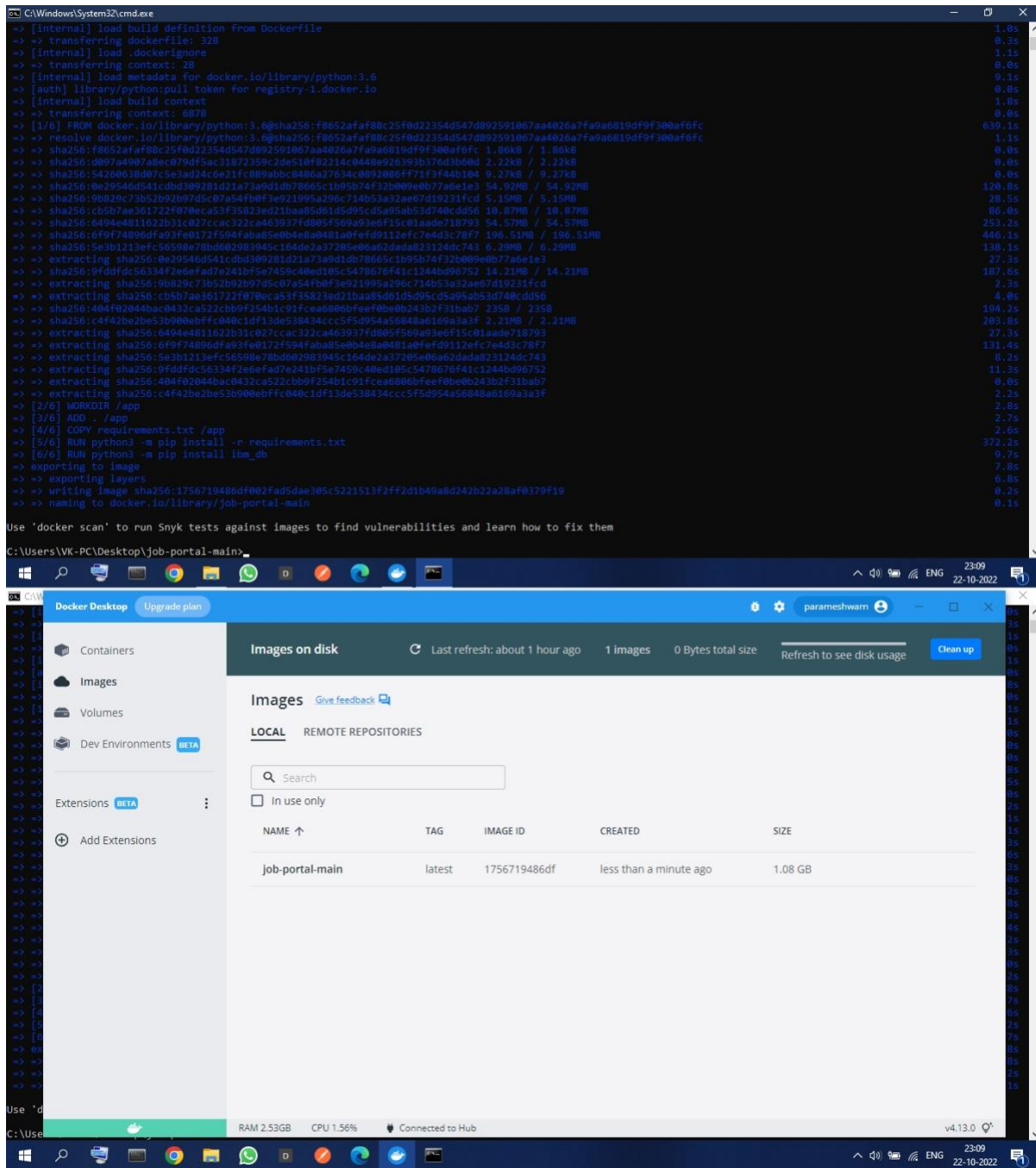
Containers created



Images created



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