

Assignment -4

Docker and Kubernetes

Assignment Date	21 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: Docker Hub and Docker Playground. The Docker Hub tab displays the repository page for `uifd/ui-for-docker`, which is marked as deprecated. It provides the Docker pull command: `docker pull uifd/ui-for-docker`. The Docker Playground tab shows a virtual machine instance named `cd9an2u3_cd9av060qau0008hbjs0` with IP `192.168.0.13`. The terminal window in the playground shows the execution of the `docker pull` command, which successfully pulls the latest image from Docker Hub. The terminal output includes the image ID, digest, and status of the pull operation.

Docker Hub Repository: uifd/ui-for-docker

By `uifd` • Updated 6 years ago
A web interface for Docker, formerly known as DockerUI. Deprecated, use Portainer for new features.

Docker Pull Command:

```
docker pull uifd/ui-for-docker
```

Docker Playground Instance: cd9an2u3_cd9av060qau0008hbjs0

IP: 192.168.0.13

Memory: CPU

SSH: `ssh ip172-18-0-4-cd9an2u3tccg00fg6k0@direct.labs.play-w`

Terminal Output:

```
# 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. #
#####
[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:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadf24487052150b1cb749
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
c590d41f3101ac795bdeea0eb1dd98f6fe549cb5f24dab9ff7c1931923fc0d
[node1] (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

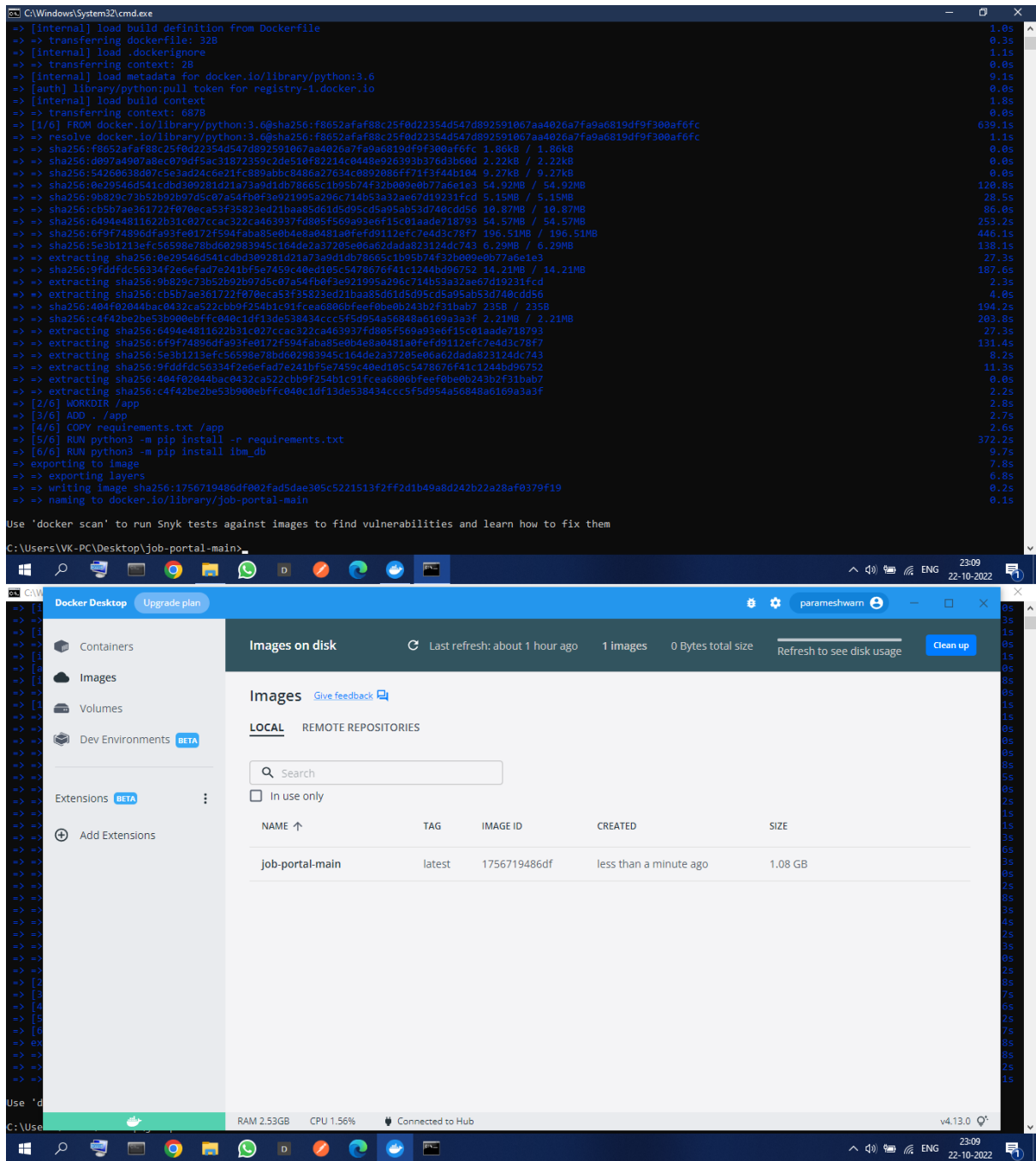


Images created



Running Stopped Ghost

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