

Assignment -4

Docker and Kubernetes

Assignment Date	29 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: 'uifd/ui-for-docker - Docker' and 'Docker Playground'. The 'uifd/ui-for-docker' tab displays the Docker Hub page for the repository 'uifd/ui-for-docker'. The page indicates that the repository is deprecated and suggests using Portainer instead. The 'Overview' tab is selected, showing a description of the repository and a 'chat on gitter' link. The 'Tags' tab is also visible. The 'Docker Pull Command' section shows the command: `docker pull uifd/ui-for-docker`.

The 'Docker Playground' tab shows a virtual machine environment. The IP address is 192.168.0.13. The memory and CPU usage are displayed. The SSH command is: `ssh ip172-18-0-4-cd9an2u3tccg00fg6k0@direct.labs.play-w`. The terminal output shows the following commands and their results:

```
# 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: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
c590d4163101ac795bdeea0eb1dd98f6fe549cb5f24dab9ff7c1931923fc0d
[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



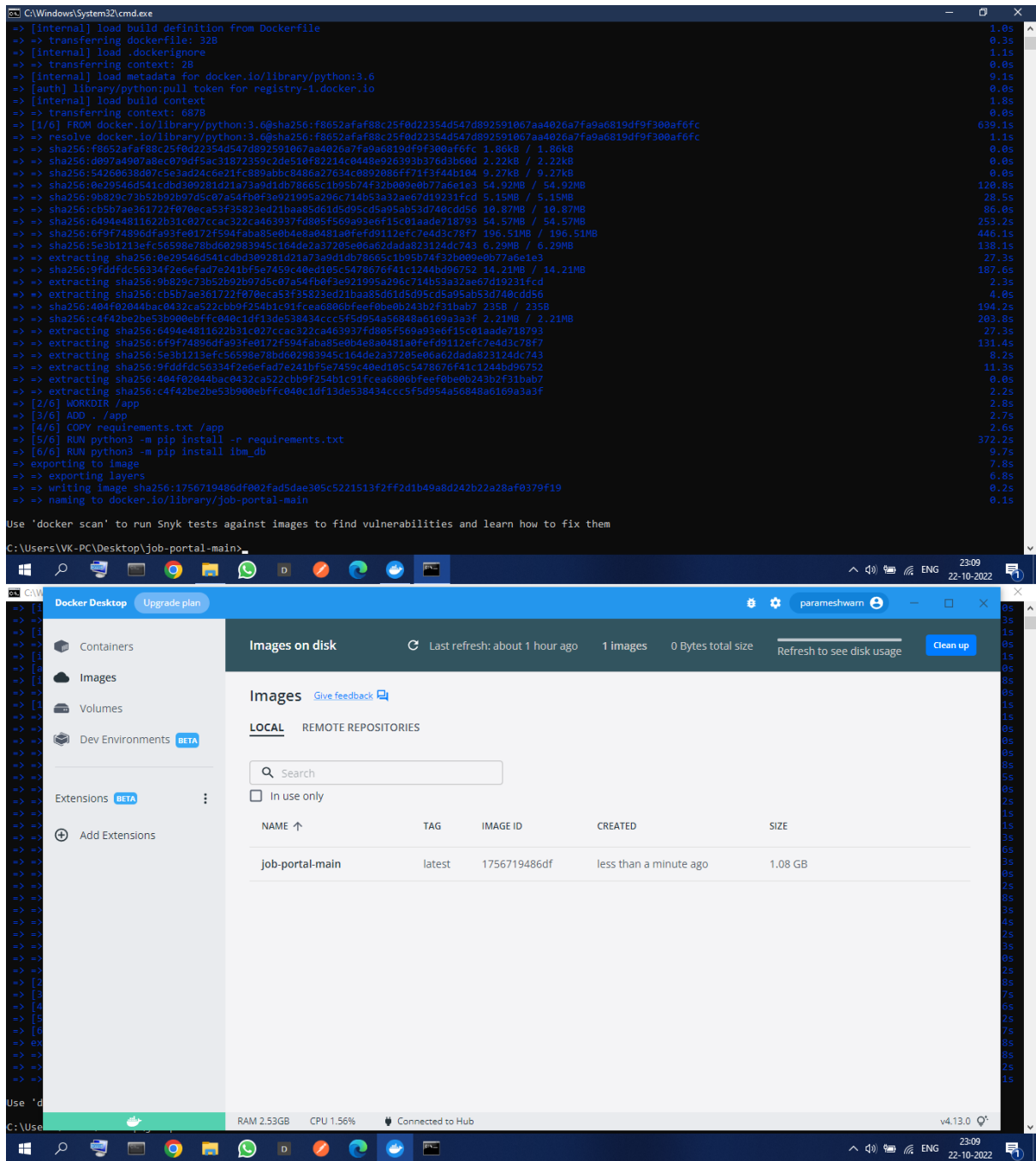
Containers created



Images created



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