TEAM ICONIC

ASSIGNMENT-IV

TEAM MEMBERS NAME:

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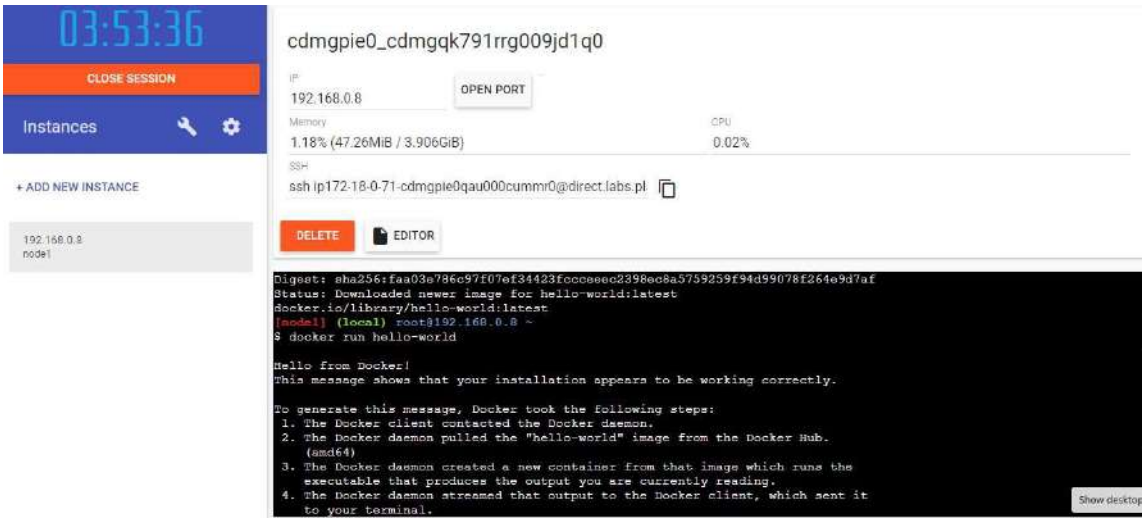
Question 1:

Pull an Image from docker hub and run it in docker playground.



Question 2:

Create a docker file for the job portal application and deploy it in Docker Desktop Application

FROM

helloworld:

latest

WORKDIR

~/Desktop

ADD .

helloworld/

WORKDIR

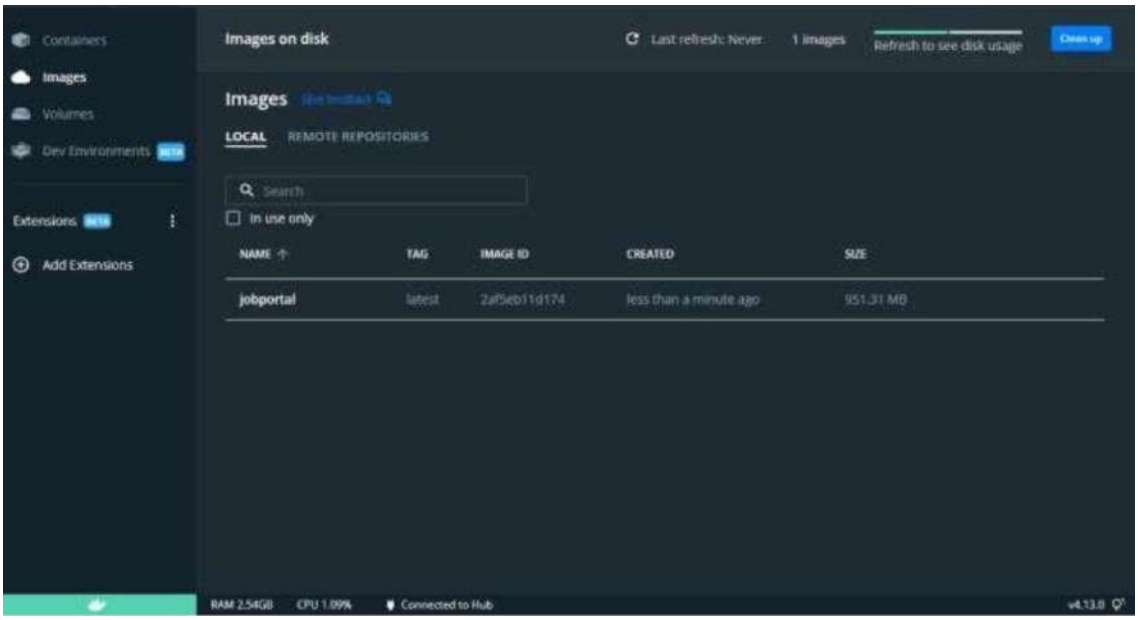
~/Desktop/htmlfile

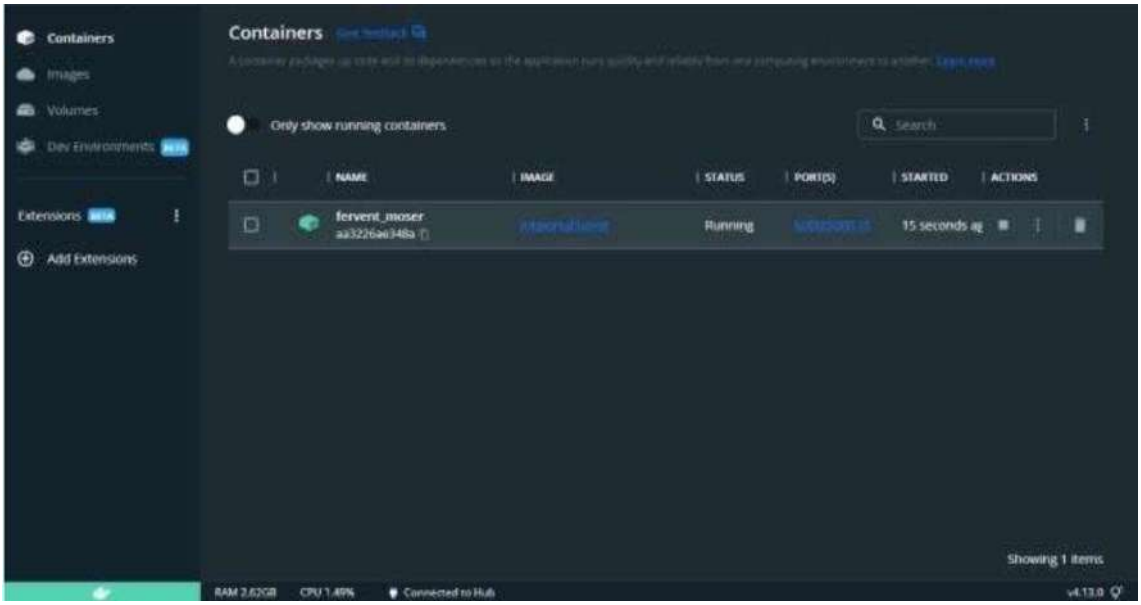
RUN pip install -r

requirements RUN

chmod +x app.sh

CMD["/bin/sh","app.s"]


Containers
Images
Volumes
Dev Environments
Extensions
Add Extensions
Images on disk
Last refresh: Never
1 images
Refresh to see disk usage
Images
LOCAL
REMOTE REPOSITORIES
Search
In use only
NAME
TAG
IMAGE ID
CREATED
SIZE
jobportal
latest
2af5eb11d174
less than a minute ago
951.31 MB
RAM 2.54GB
CPU 1.09%
Connected to Hub
v4.13.0


Containers
Images
Volumes
Dev Environments
Extensions
Add Extensions
Containers
Only show running containers
Search
NAME
IMAGE
STATUS
PORT(S)
STARTED
ACTIONS
fervent_moser
aa3226ae348a
Running
15 seconds ag
Showing 1 items
RAM 2.62GB
CPU 1.49%
Connected to Hub
v4.13.0

Question 3:

Create an IBM container registry and deploy helloworld app or Job portal app.

```
PS C:\Users\HP> docker tag hello-world icr.io/0034ns/helloworld
PS C:\Users\HP> docker push icr.io/0034ns/helloworld
Using default tag: latest
The push refers to repository [icr.io/0034ns/helloworld]
e07ee1baac5f: Pushed
latest: digest: sha256:f54a58bc1aac5ea1a25d796ae155dc228b3f0e11d046ae276b39c4bf2f13d8c4 size: 525
```

Question 4:

Create a Kubernetes cluster in IBM cloud and deploy helloworld image or job portal image and also expose the same app to run in node port.