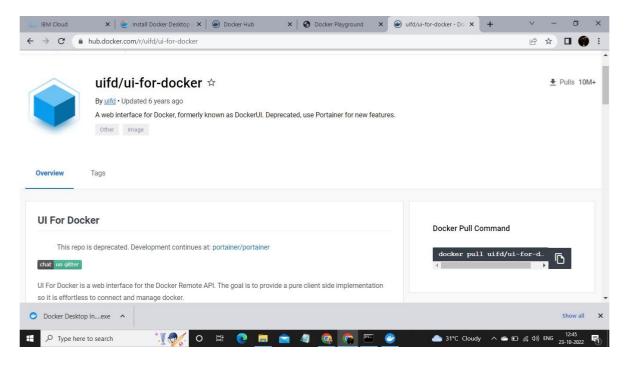
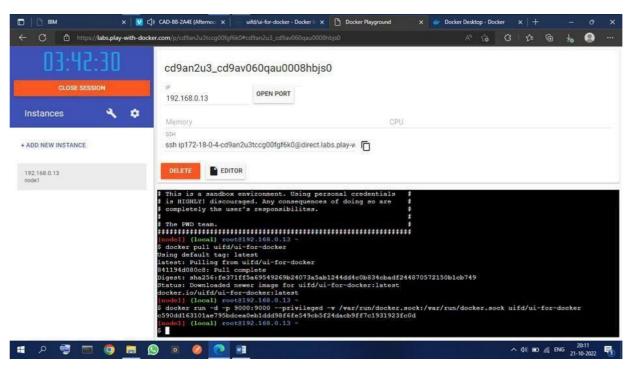
## DOCKER AND KUBERNETES

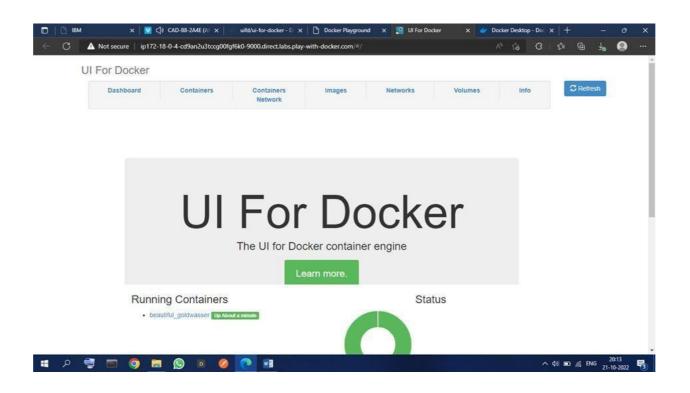
| Assignment Date     | 21 October 2022  |
|---------------------|------------------|
| Student Name        | YAMUNA.R         |
| Student Roll Number | 613019106078     |
| Team ID             | PNT2022TMID30665 |
| Maximum Marks       | 2 Marks          |

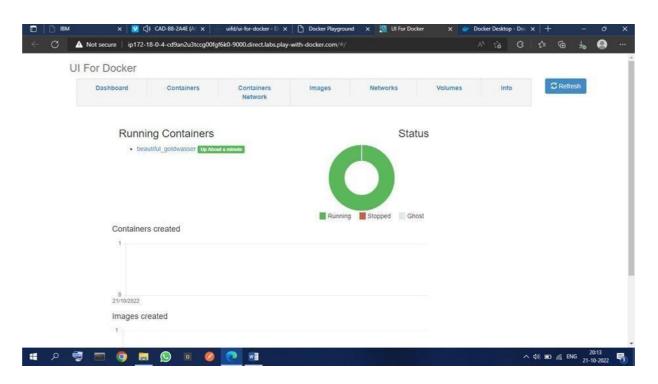
## **Question 1:**

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



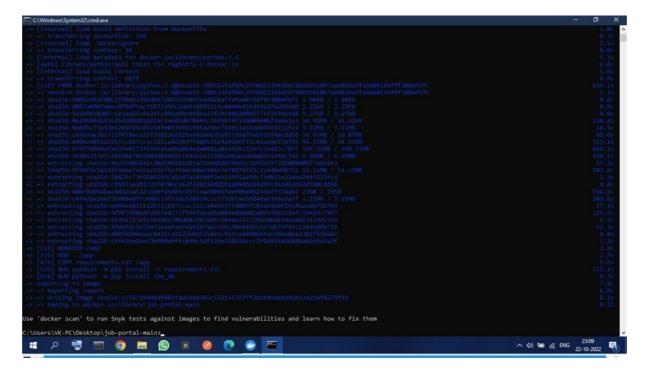


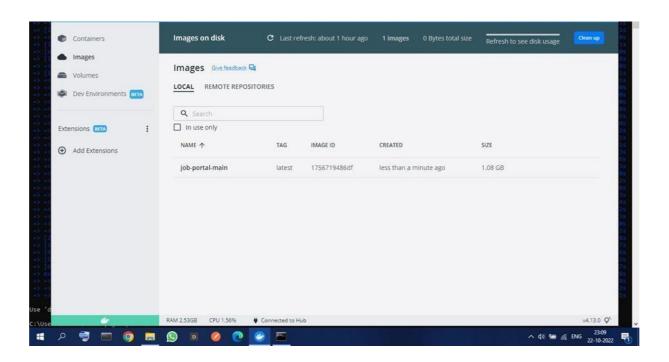




# **Question 2:**

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





## **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.

