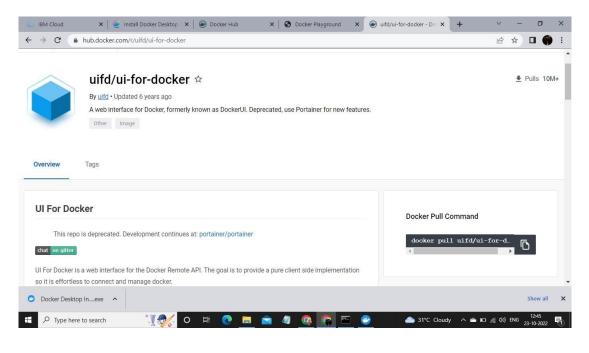
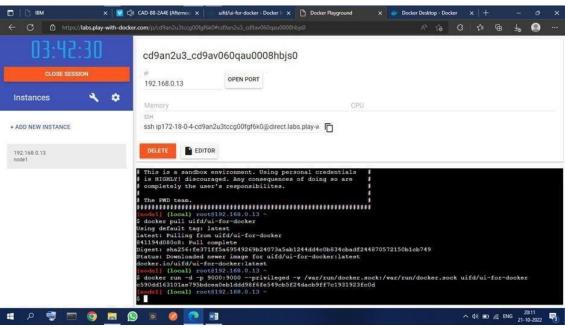
<u>Assignment – 4</u> <u>DOCKER AND KUBERNETES</u>

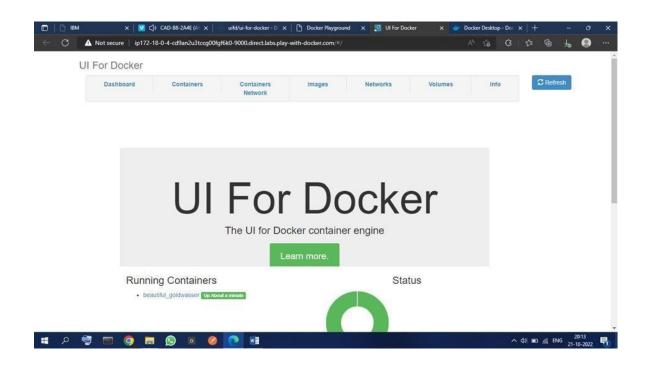
Assignment Date	21 October 2022
Student Name	Kalaivanan V
Student Roll Number	319UEC034
Team ID	PNT2022TMID17475
Maximum Marks	2 Marks

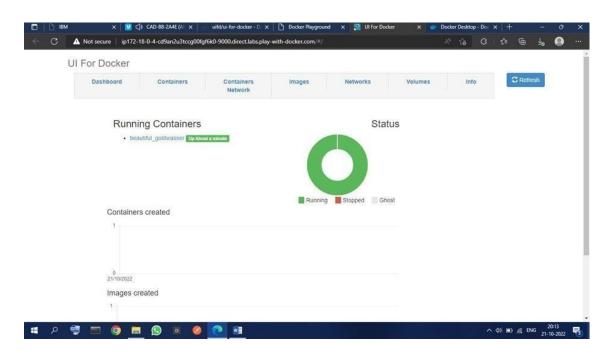
Question 1:

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



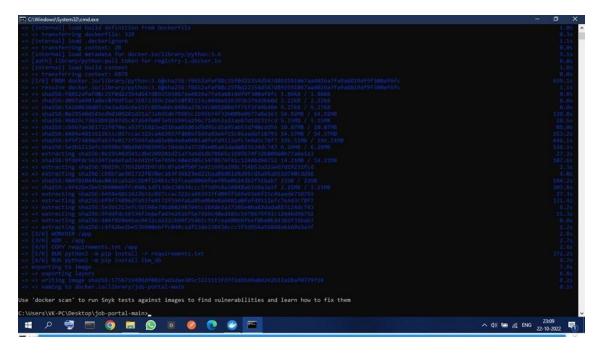


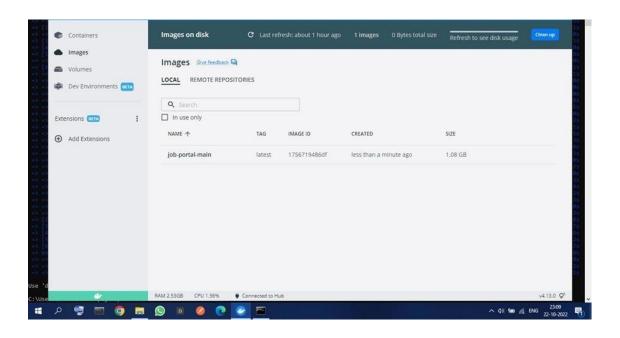




Question 2:

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





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 orjob portal image and also expose the same app to run in node port.

