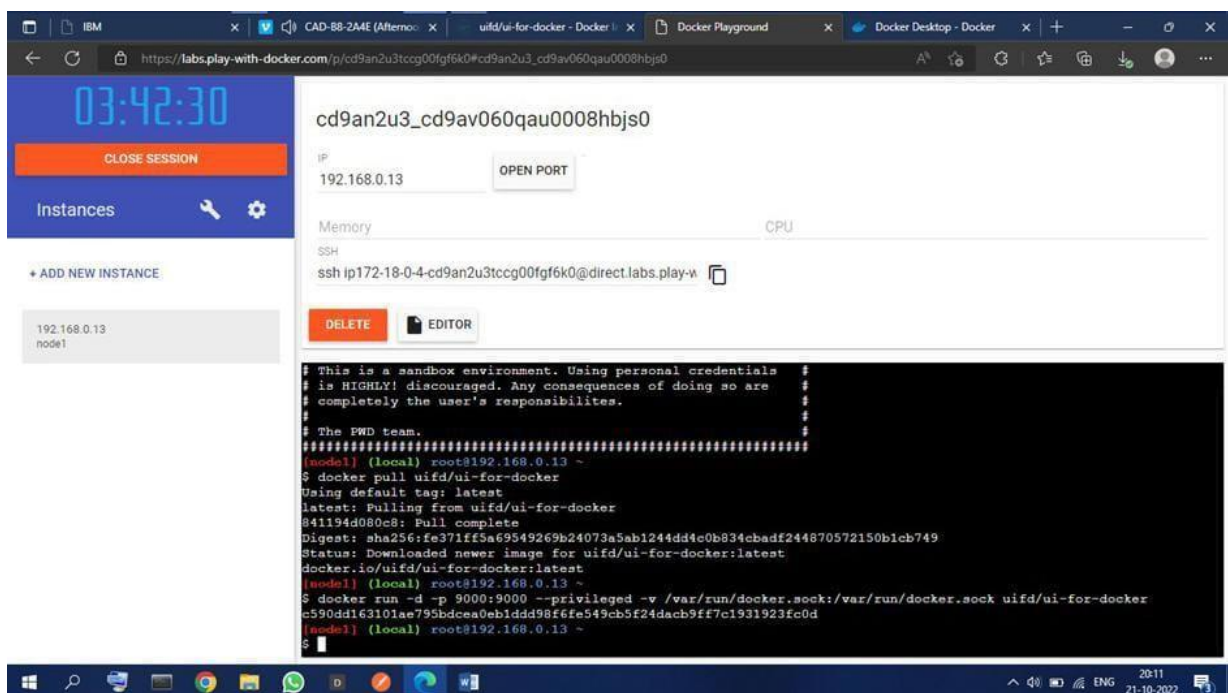
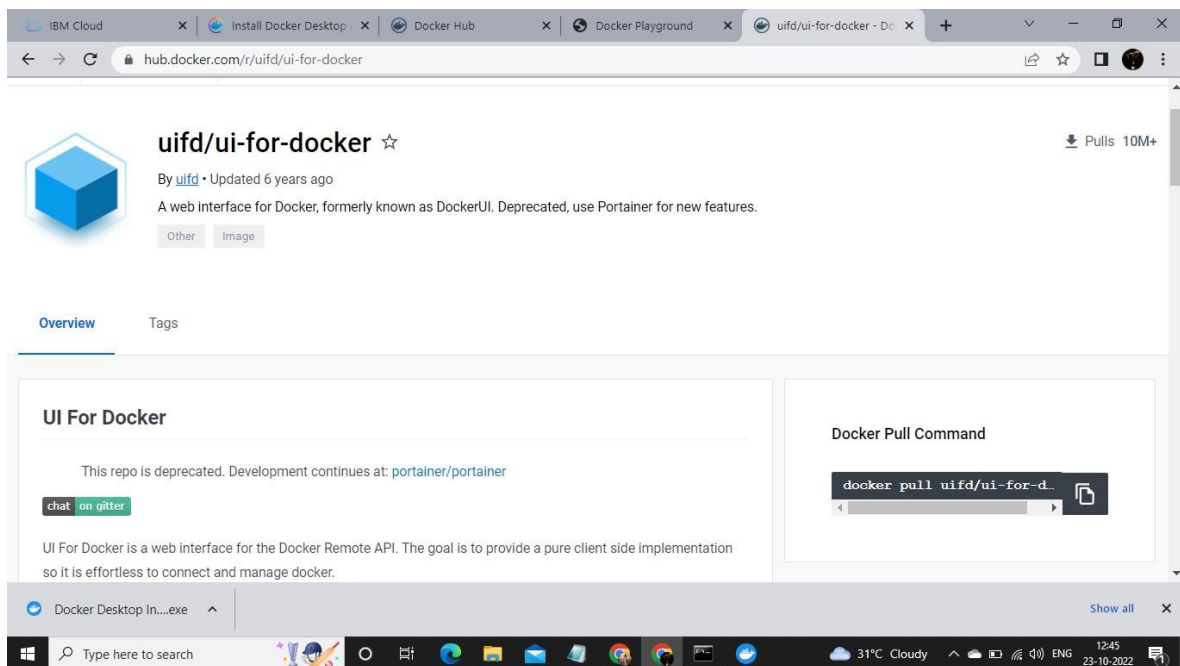


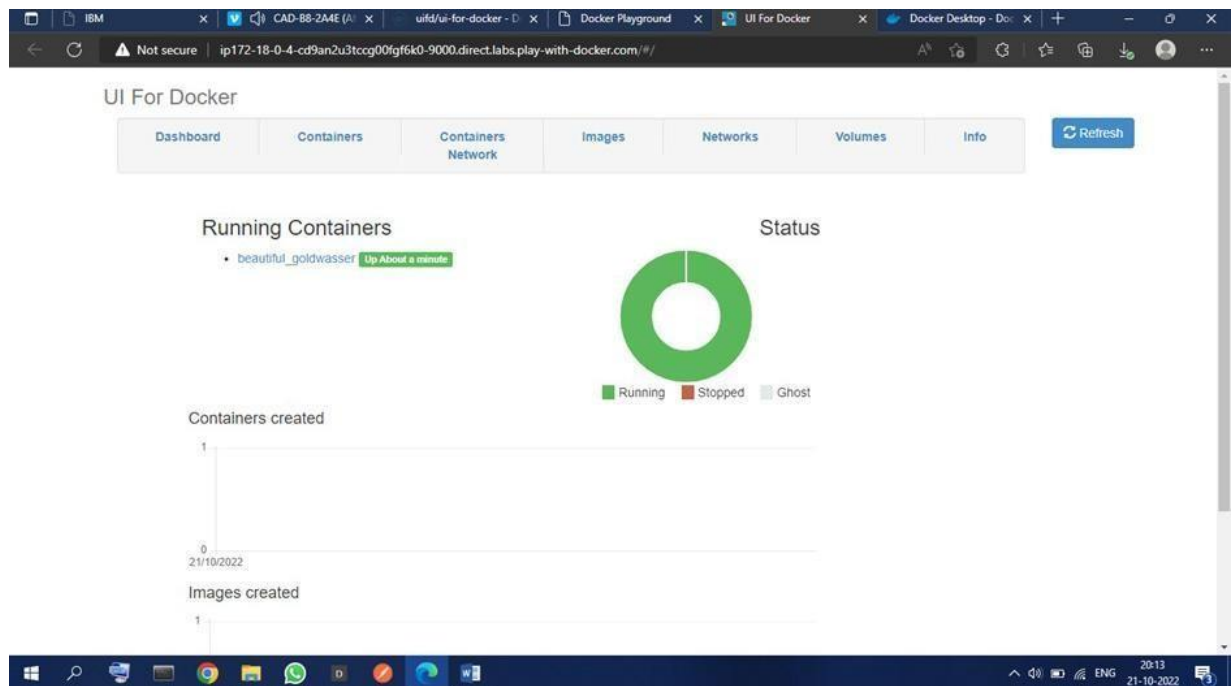
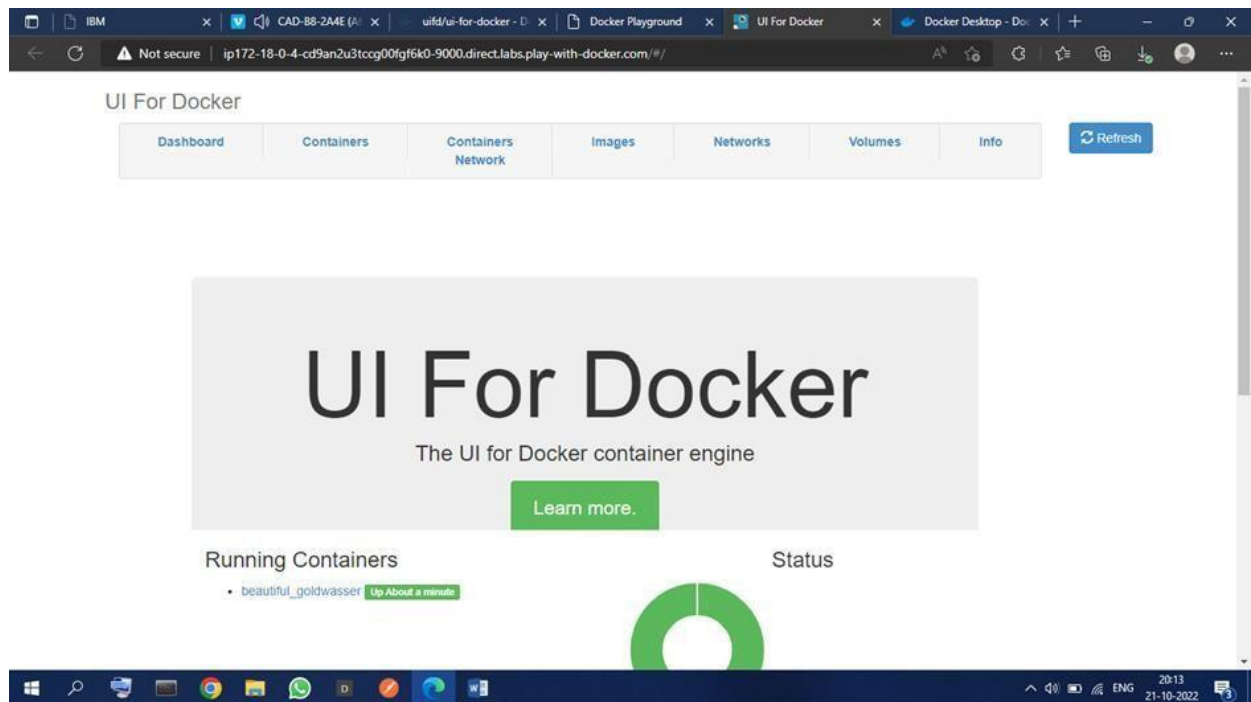
DOCKER AND KUBERNETES

Assignment Date	21 October 2022
Student Name	ARUNA P
Student Roll Number	613019104007
Team ID	PNT2022TMID30529
Maximum Marks	2 Marks

Question 1:

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





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

Containers

Images

Volumes

Dev Environments BETA

Extensions BETA

Add Extensions

Images on disk

Last refresh: about 1 hour ago

1 images

0 Bytes total size

Refresh to see disk usage

Clean up

Images [Give feedback](#)

LOCAL REMOTE REPOSITORIES

Search

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NAME ↑	TAG	IMAGE ID	CREATED	SIZE
job-portal-main	latest	1756719486df	less than a minute ago	1.08 GB

Use 'd

C:\Use

RAM 2.53GB

CPU 1.56%

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.

