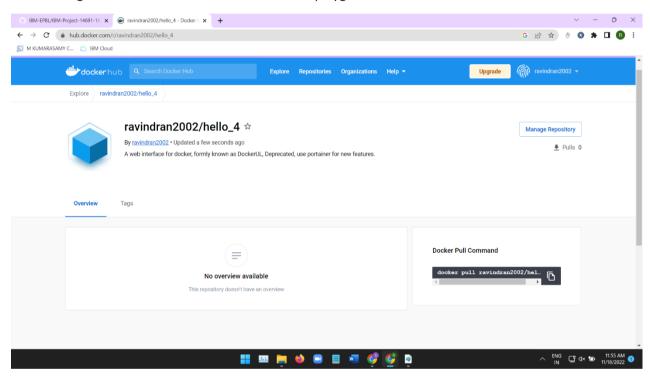
Assignment - 4

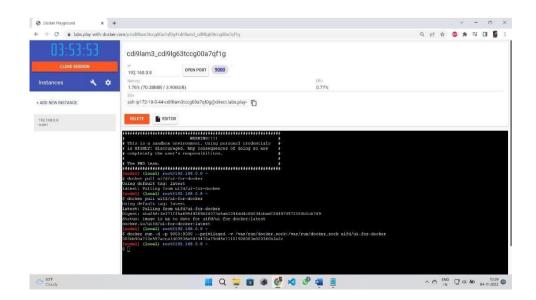
Docker and Kubernetes

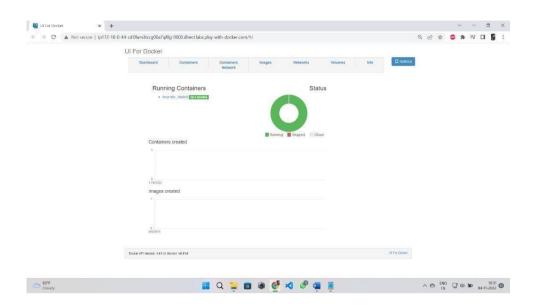
Assignment Date	04 November 2022
Student Name	Ravindran D
Student Roll Number	927619BIT4081
Maximum Marks	2 Marks

Question-1:

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

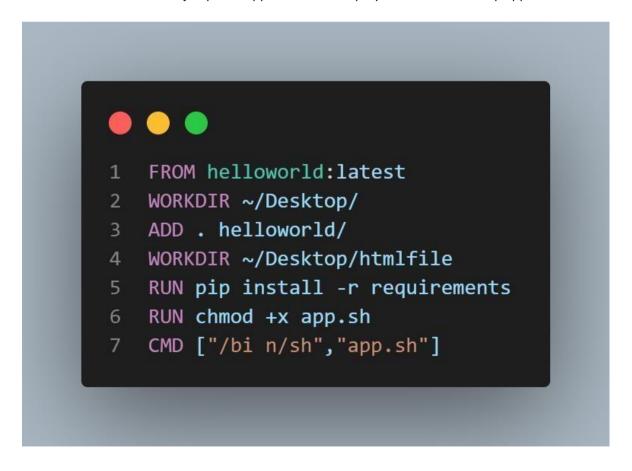






Question-2:

Create a docker file for the job portal application and deploy it in Docker desktop application.



Question-3:

Create a IBM container registry and deploy helloworld app or job portal app.

```
PS C:\Users\HP> <mark>docker</mark> tag hello-world icr.io/0034ns/helloworld
PS C:\Users\HP> <mark>docker</mark> 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 nodeport.

