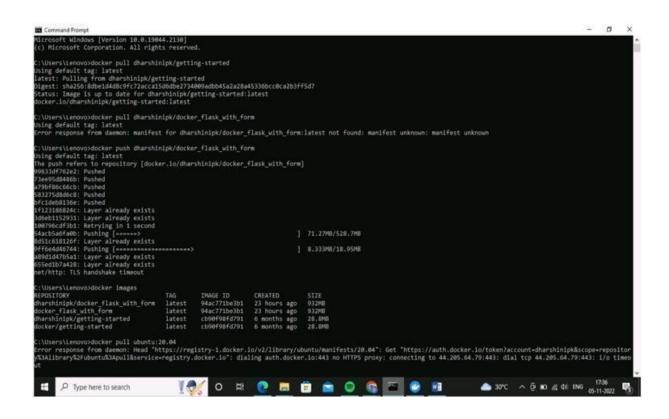
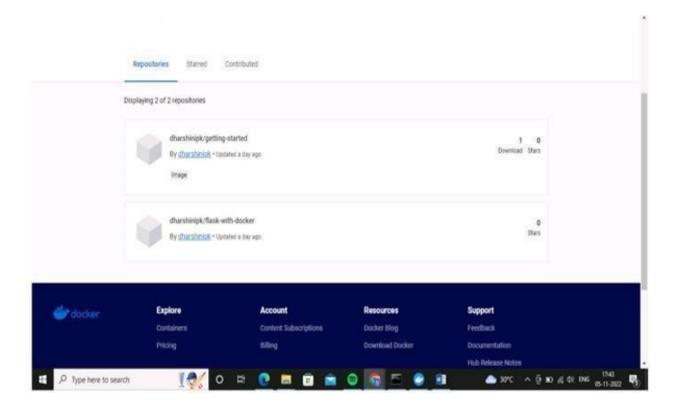
## Assignment-4

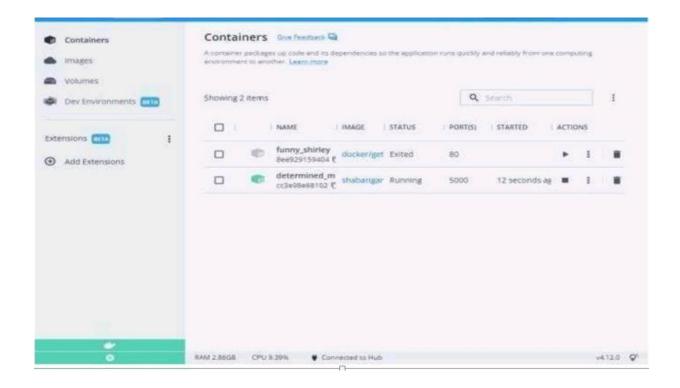
Assignment Date	5 November 2022
Student Name	Swetha K
Student Roll Number	211419205168
Maximum Marks	2 Marks

#### **Question:**

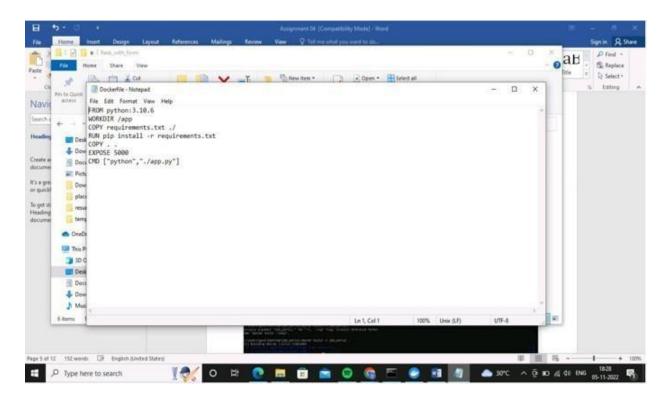
Pull an Image from docker hub and run it in docker playground.
 Pull an image from docker hub.







2. Create a docker file for the jobportal application and deploy it in Docker desktop application.



# **Deploy in docker application**

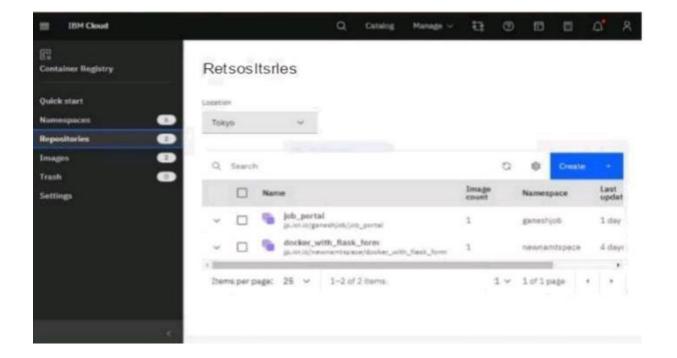
```
Discretive the stock job contained ...

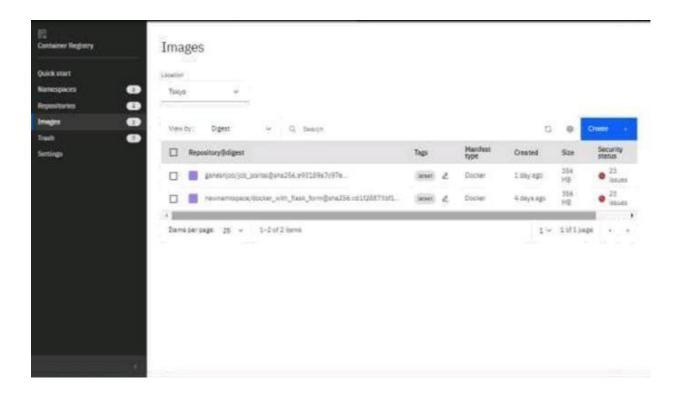
(Intersignal the stock job conta
```

#### Running in docker desktop



3. Create a IBM container registry and deploy helloworld app or jobportalapp.



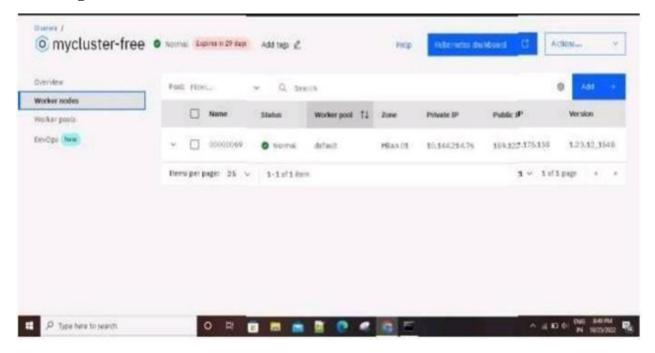


### Deploy helloworld or jobportal

```
Acadebade and Entryling 1 i second
not realizable filtering 1 i second
not realizable filtering 1 i second
not realizable witing
advantation witing
advantation witing
advantation witing
advantation filtering hyperalizable pash by its infigurent jobs/job.portal
noting default tags latent
not published its laye afreely maints
lebels Noted is layer afreely maints
noting advantation in published in the second noting in the second noting in the second noting advantation in the second noting advantage noting advantage noting advantage noting advantage noting advantation in the second noting advantage noti
```

4. Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport.

#### Creating a kubernetes cluster in ibm cloud



#### **Expose the same app to run in noteport**

```
Table 16/2022 12:28 PM 3,721 windows shortcut.txt

08/25/2022 08:40 PM 2,897 YouTube.lnk

24 file(s) 804,677,196 bytes

9 Dir(s) 79,221,886,976 bytes free

C:\Users\gani\Desktop>cd deploy
The system cannot find the path specified.

C:\Users\gani\Desktop>kubectl apply -f kubernetes/depoly.yaml
error: the path "kubernetes/depoly.yaml" does not exist

C:\Users\gani\Desktop>kubectl apply -f depoly.yaml
error: the path "depoly.yaml" does not exist

C:\Users\gani\Desktop>kubectl apply -f C:\Users\gani\Desktop\deploy.yaml
deployment.apps/flask-app created

C:\Users\gani\Desktop>

C:\Users\gani\Desktop>
```

| C. Windows System2 and separate deployment flask-upp --type-ModePort --mane-flask service | C. Windows System2 and service | S. Invalid: metadata.name. Invalid value: "Flask service" is (Fro. 185) label must consist of lower case alphanumeric character or '.', start with an alphanumeric character (e.g., "my-mane", or "abc.121", regan used for validation is "[a-2]([-a-10-3]\*(-a-10-3]\*(-a-10-3)\*(-a-10-3