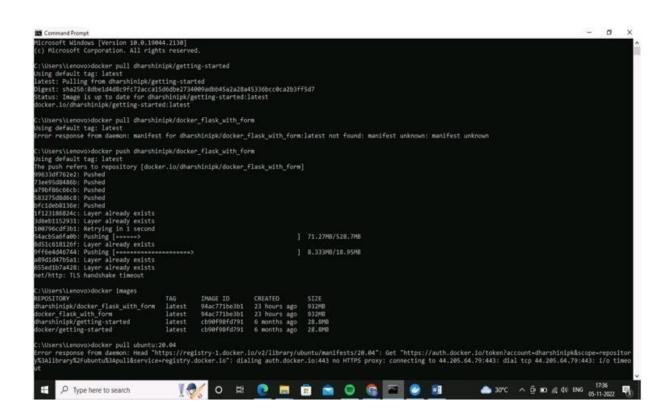
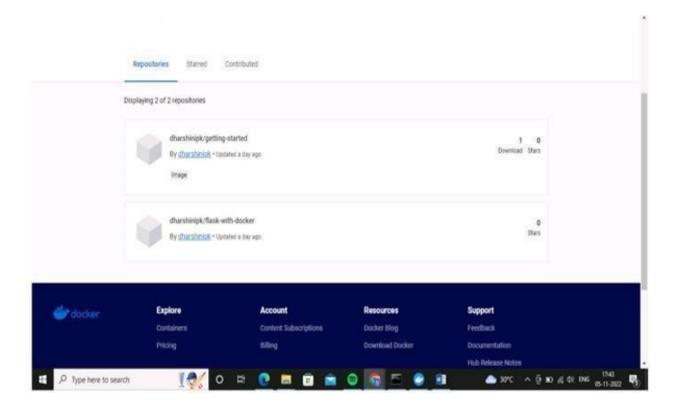
# Assignment-4

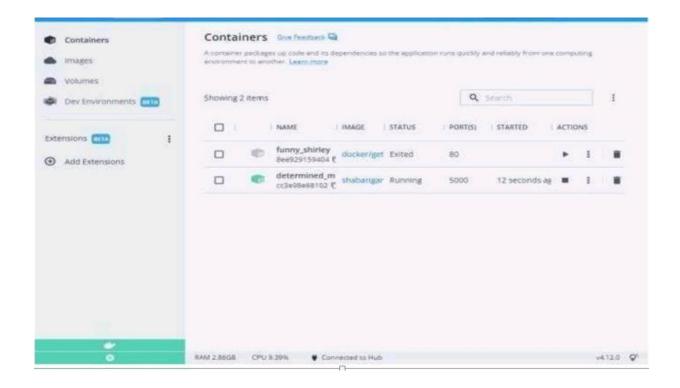
Assignment Date	5 November 2022
Student Name	Sushmitha A
Student Roll Number	211419205165
Maximum Marks	2 Marks

#### **Question:**

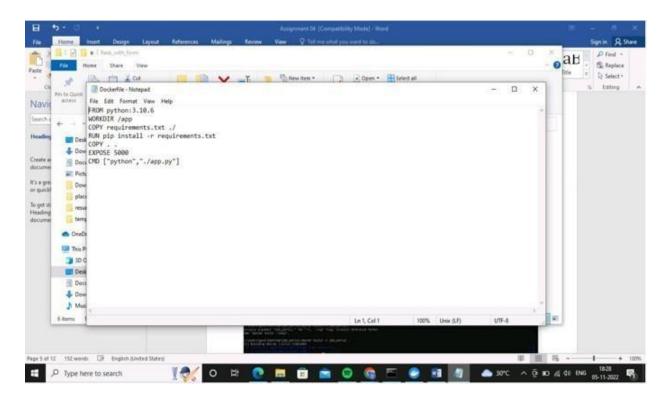
Pull an Image from docker hub and run it in docker playground.
 Pull an image from docker hub.







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



# **Deploy in docker application**

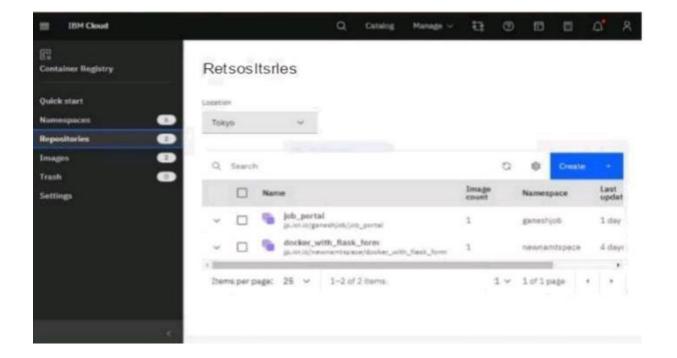
```
Discretive the stock job contained ...

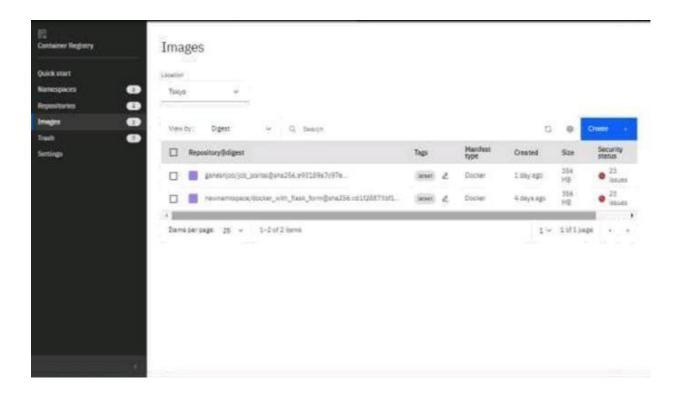
(Intersignal the stock job conta
```

#### Running in docker desktop



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



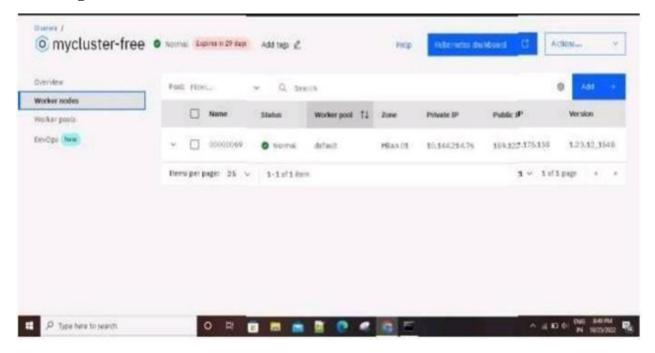


### Deploy helloworld or jobportal

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```

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