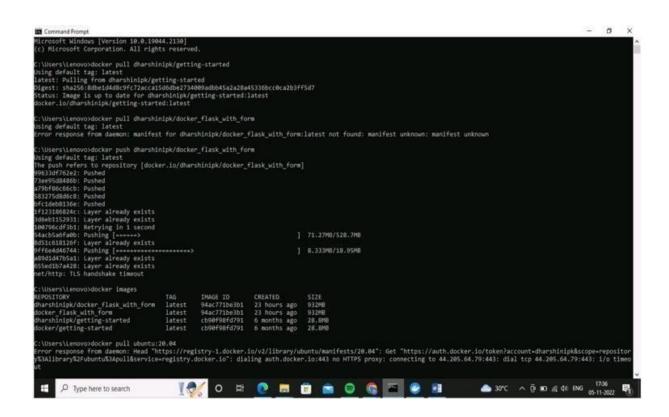
## Assignment-4

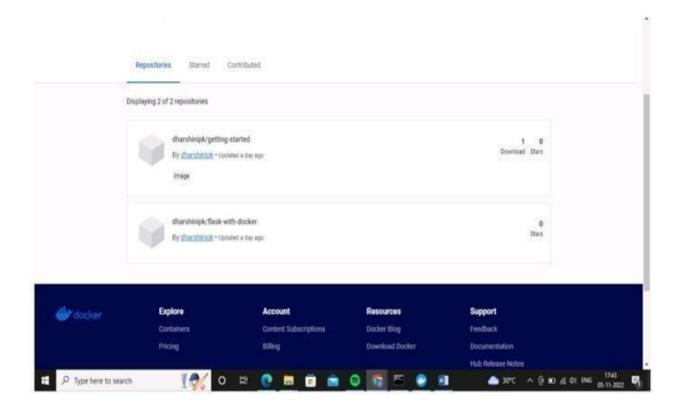
Assignment Date	29 October 2022
Student Name	Pinjari Masthan Vali
Student Roll Number	732719104028
Maximum Marks	2 Marks

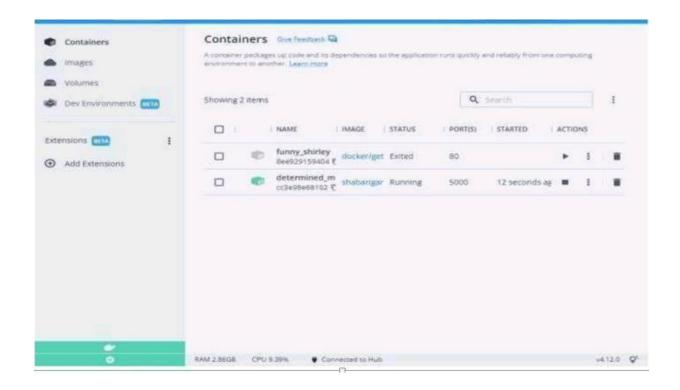
#### **Question:**

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

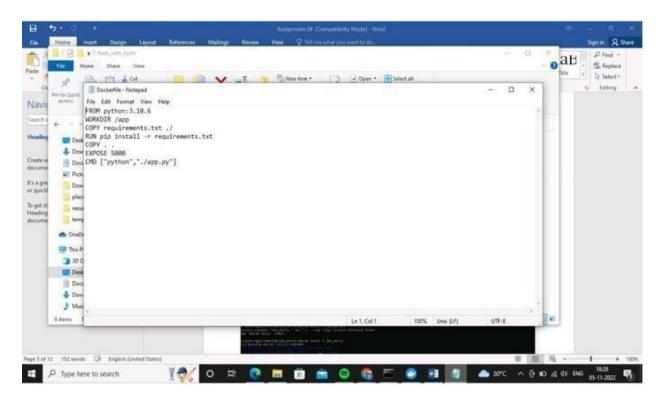
Pull an image from docker hub.







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



# Deploy in docker application

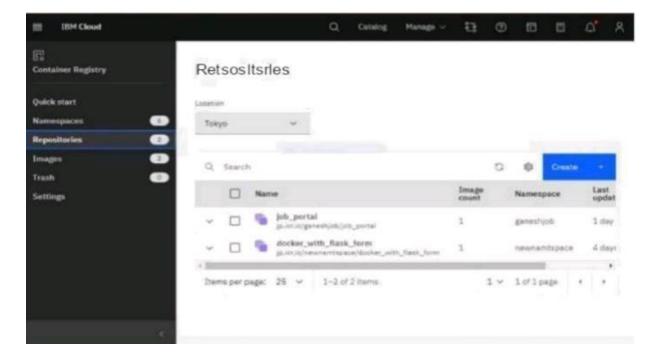
```
Discretive in the stophjob contained ...

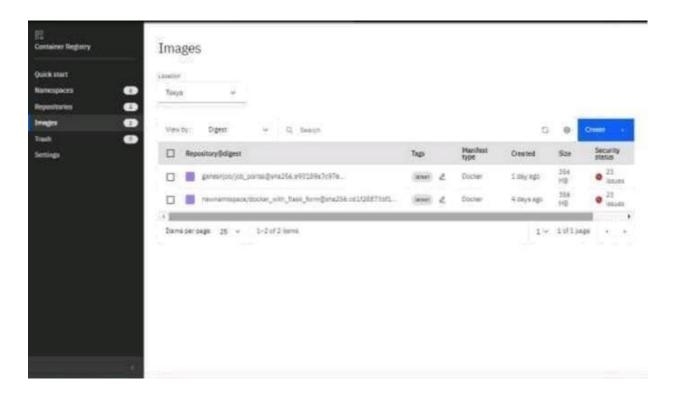
(Intersignal the stophjob contained
```

#### Running in docker desktop



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



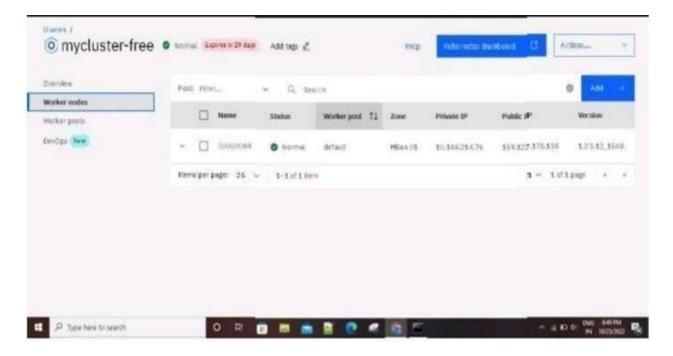


#### Deploy helloworld or jobportal

```
To Commission Decimal Content of the Content of the
```

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>kubectl apply -f kubernetes/depoly.yam1
error: the path "kubernetes/depoly.yam1" does not exist

C:\Users\gani\Desktop>kubectl apply -f depoly.yam1
error: the path "depoly.yam1" does not exist

C:\Users\gani\Desktop>kubectl apply -f C:\Users\gani\Desktop\deploy.yam1
deployment.apps/flask-app created

C:\Users\gani\Desktop>

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

\*\*C. Windows System2 state of separate deployment flask.app ... type-ModePort ... mana-flask service "flask parvice" is invalid; metadata.name; Invalid value; "flask pervice" is OFS-1805 label must consist of lower case alphanumeric characters or ".", start with an alphanumeric character (e.g., "my-mana", no" obs-12%, regan used for validation is "[e-1]([-e-26-9](-e-26-9])".

\*\*C. Windows System2 instance of constance deployment flask app ... type-ModePort ... name-flask pervice the Service "flask pervice" is 1904 list used alphanumeric character (e.g., "my-mana", no" abc-122", regan used for validation is "[e-2]([-e-26-9]\*(e-26-9])".

\*\*C. Windows System2 instance of constance of cons