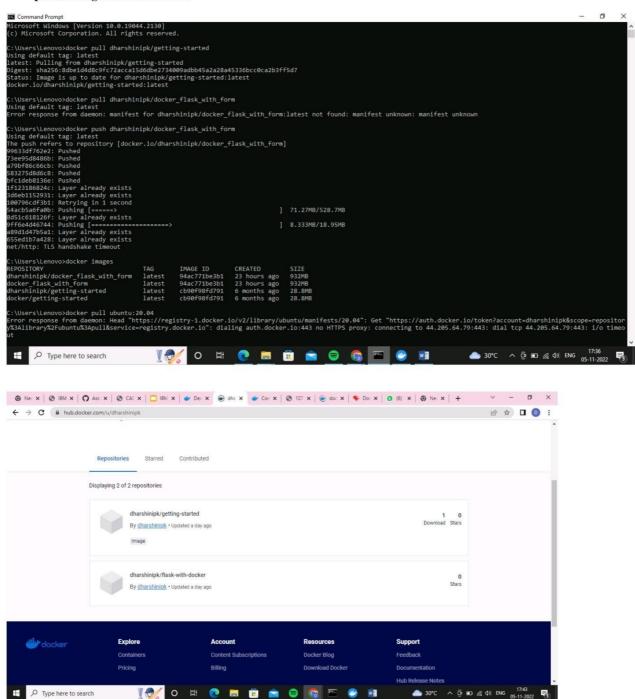
Assignment Date	1 <sup>st</sup> November 2022
Student Name	Prakalya.RS
Student Roll Number	211519205112
Maximum Marks	2 Marks

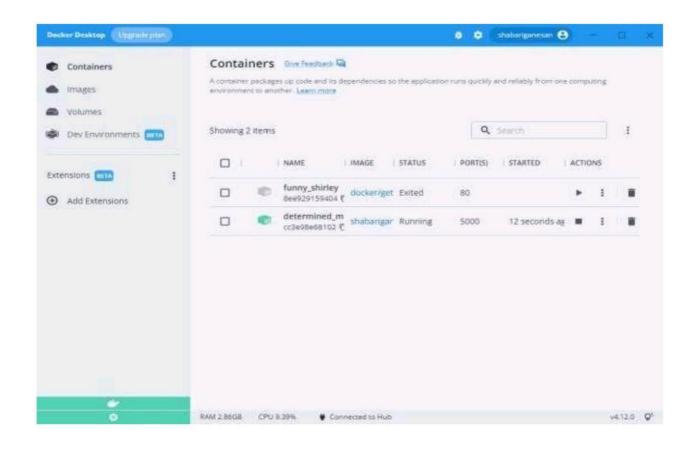
# Assignment -4 Docker and kubernetes

#### Question-1:

pull an image from docker hub and run it in docker playground.

pull an image form docker hub

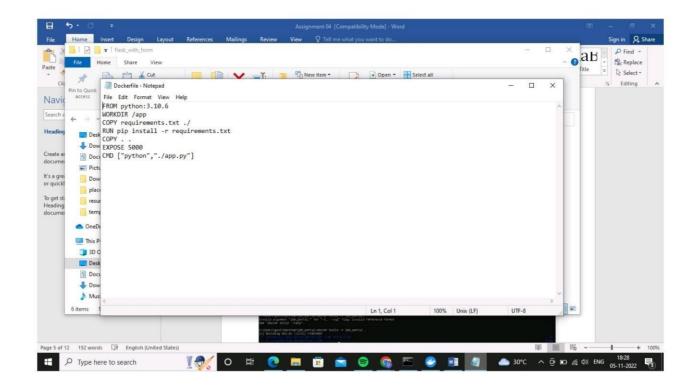




### **Question-2:**

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

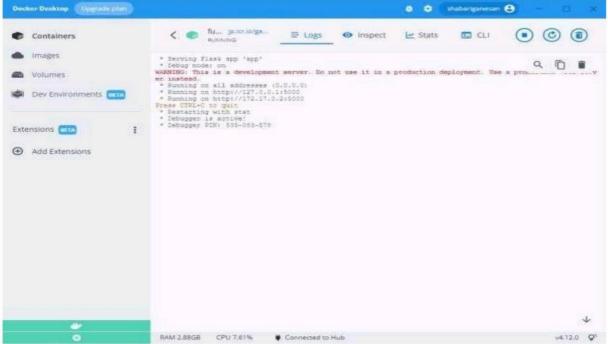
Creating a docker file for the jobportal applicatiom



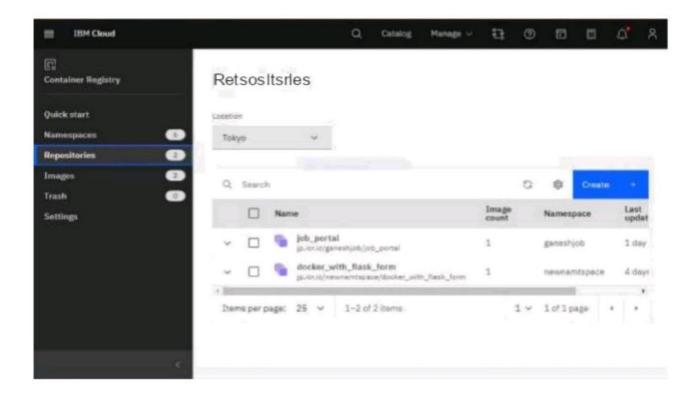
## deploy in dokcer application

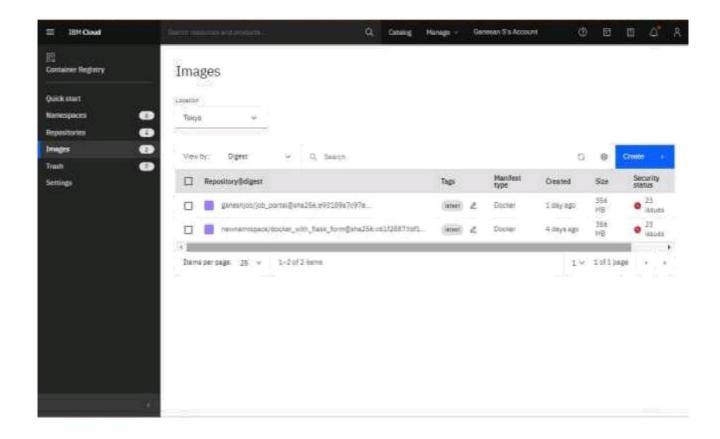
```
To Commence Lyant Department of the Commence o
```

running in docker desktop



Question-3: Create a Ibm container registry and deploy helloworld app or jobportalapp



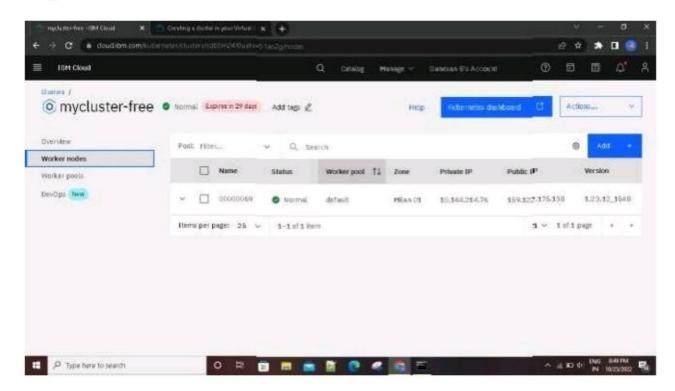


## Deploy helloworld or jobportal

```
| Comparing the property of a learned | Comparing the learned | Comparing the
```

Question-4: Create a kubernetes cluster in ibm cloud and deploy helloworld image or jobportal image and also expose the same app to run in noteport

Creating a kubernetes cluster in ibm cloud



expose the same app to run in noteport

```
C:\Users\gani\Desktop>kubectl apply -f C:\Users\gani\Desktop\deploy.yaml
deployment.apps/flask-app created
C:\Users\gani\Desktop>kubectl apply -f C:\Users\gani\Desktop\deploy.yaml
deployment.apps/flask-app created
C:\Users\gani\Desktop>kubectl apply -f C:\Users\gani\Desktop\deploy.yaml
does not exist
C:\Users\gani\Desktop>kubectl apply -f C:\Users\gani\Desktop\deploy.yaml
does not exist
C:\Users\gani\Desktop>kubectl apply -f C:\Users\gani\Desktop\deploy.yaml
desloyment.apps/flask-app created
```

C. Widnows tystem22 where 1 spous deployment flash app - type-Hodehort - same-flash service

The Service "flask service is invalid setabata.mame: formald value: "flash service" a PMS-1895 label must consist of lower case alphanumeric characters or ".", start with an alphanumeric character, and end with an alphanumeric character (e.g., "sy-name," or "abc-1221, regax used for validation is "[a-:]([-a-:8-9]\*[a-:8-9]\*]\*.")

C. Widnows tystem22 kubect 1 expose deployment flask-app - type-Hodehort - name-flask service

The Service "flask service" is invalid retabata.mame: invalid value: "flask-service" a DMS-1895 label must consist of lower case alphanumeric character (e.g., "sy-name", or "abc-1221, regax used for validation is "[a-:]([-a-:8-9]\*[a-:8-9]\*)", start with an alphanumeric character (e.g., "sy-name", or "abc-1223, regax used for validation is "[a-:]([-a-:8-9]\*[a-:8-9]\*)", start with an alphanumeric character (e.g., "sy-name", or "abc-1223", regax used for validation is "[a-:]([-a-:8-9]\*[a-:8-9]\*)")

C. Widnows tystem22 kubect | system22 and with an alphanumeric character (e.g., "sy-name", or "abc-123", regax used for validation is "[a-:]([-a-:8-9]\*[a-:8-9]\*)")

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C. Widnows tystem22 kubect | or kubernetes-dashboard get deploy by resources found in kubernetes-dashboard mame-pace.

C. Widnows tystem22 kubect | or kubernetes-dashboard mame-pace.

C. Widnows tystem22 kubect | or kubernetes-dashboard get pods by resources found in kubernetes-dashboard mame-pace.

C. Widnows tystem22 kubect | o