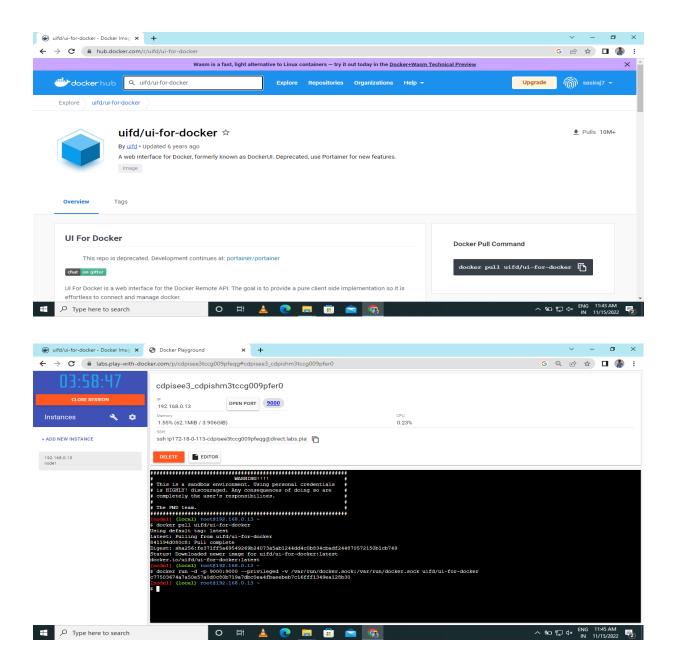
## Assignment-4

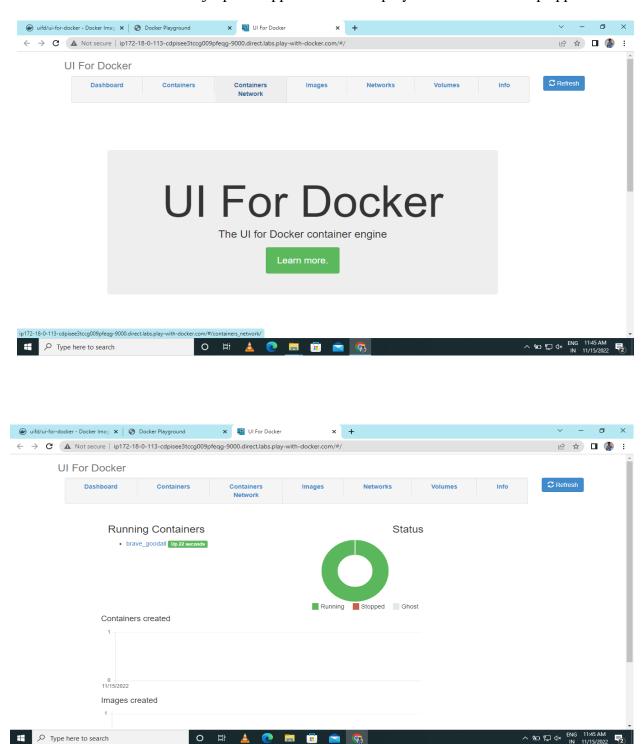
Assignment Date	15 november 2022
Project name	News tracker application
Team id	PNT2022TMID44585
Maximum Marks	2 Marks

#### **Question:**

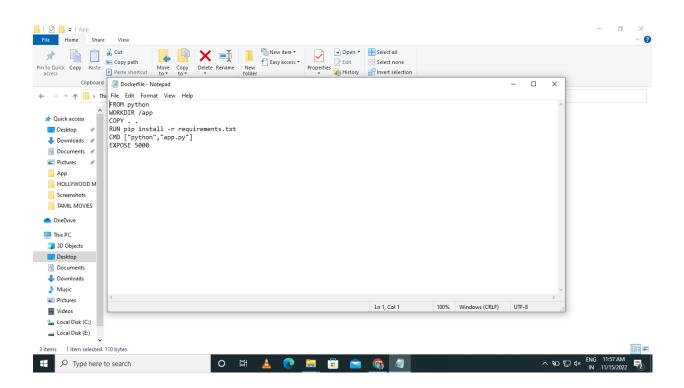
1. Pull an Image from docker hub and run it in docker playground.

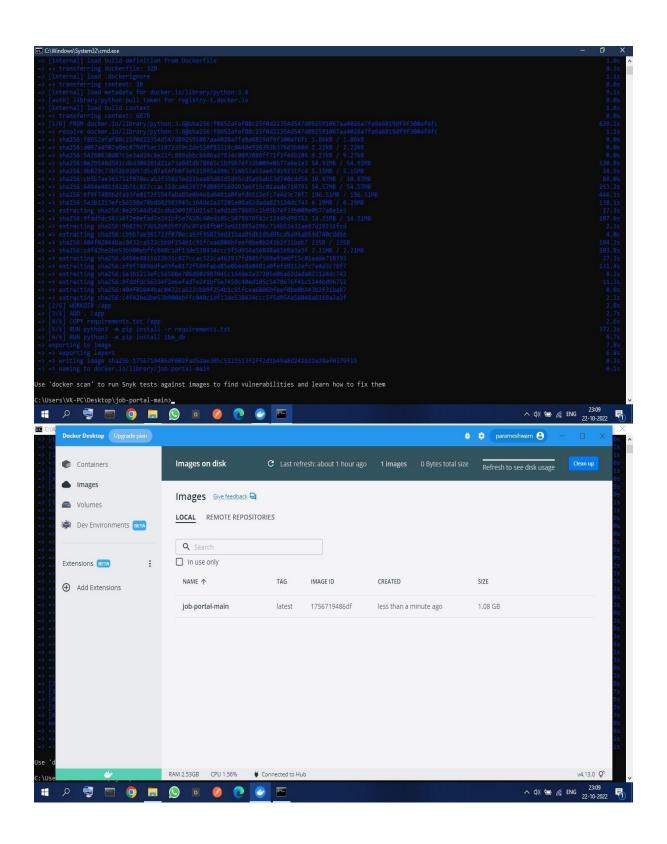


2. Create a docker file for the jobportal application and deploy it in Docker desktop application

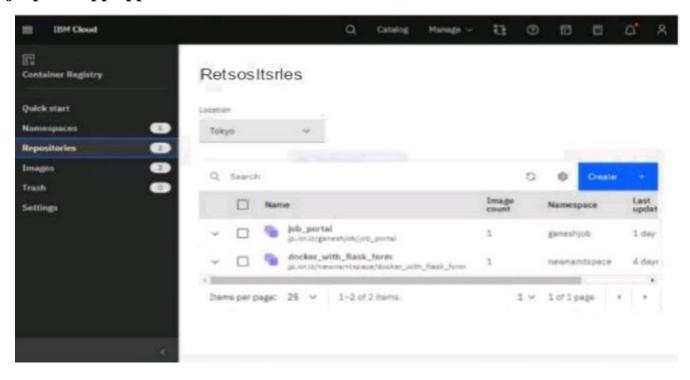


# 2.Create a docker file for the jobportal application and deploy it in Docker desktop application.





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



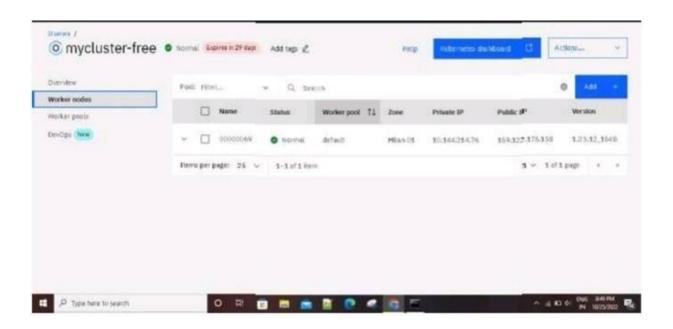


### Deploy helloworld or jobportal

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4. Create a Kubernetes cluster in IBM cloud and deploy helloworld imageor 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

```
The Schwindows\System2\cmd.exe

10/16/2022 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.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>

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```

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Colaindows/Lysinesizabuhecti expesse deployment flask.opp .type-modePort .nemevFlask service Tiask service Tiask service is invalid; metadata.neme: Invalid yalus; "Flask service"; a DMS-1895 label must consist of lower case alphanumeric chu with an alphanumeric character (e.g. 'my-neme', no 'ebc-120', regen used for validation is '[a-z][[-a-z8-9]			ert
: Windows\systemi2/kubectl expose deployment flack-upp - type-hodePort - name-flack service The Service "flack service" is invalid wetdates.name: Invalid value! "flack service" a DRC 1835 label must consist of lower case alphanumeric church with an alphanetic church character, and end with an alphanemeric church character (e.g. 'my-name', o'm 'mbc-123', regex used for validation in '[a-2][[-a-28-9]			ert
C:Windows\system12*kubectl expose deployment flask-upp - type-NodePort - name-flask service The Service "flask_service" is invalid: metodata name: Invalid value: "flask_service"; p DMS-1815 label most consist of lower case alphanumeric character. A phylogeness of the property of the pr			ert
C:\Windows\system32>bubectl expose deployment flask-apptype-NodePortname-flask-service from from server (AlreadyExists): services "flask-service" already exists			
C:\Mindows\bystem12> C:\Windows\bystem12>Kulmectl -n kulmernetes-dashboard get depploy cc \Mindows\bystem12>Kulmectl -n kulmernetes-dashboard get deploy			
To resource found in kulturinites destiloned managers.			
C:\Wlndows\systeml2skubectl -n kubernetes-deshbowrd get deploy No resources found in kubernetes-deshbowrd namespace.			
C:\Mindows\system32;kubect1 promp Starting to serve on 127,0.0.1:0001			
(Windows System32/kubectl - n kubernetes-dashboard get deplou			
C:\Windows\system32>kubectl -n kubernetes-dashboard get depiny No resources found in kubernetes-dashboard numespace.			
C:\Mindows\system32>kubectl -n kubernetes-dashboord get pods No resources found in kubernetes-dashboord namespace.			
C:\Mindows\system32>kubectl expose deployment flask-apptype-hodePortname-flask-service from from server (AlreadyExists): services "flask-service" already exists			
C:\Mindows\system32>kubectl get ing NAME CLASS HOSTS MOMESS PORTS AGE Flask-app-ingress conne> 80 27m			
C:\Mindows\system32>kubect1 get svc uame			