

Assignment -4

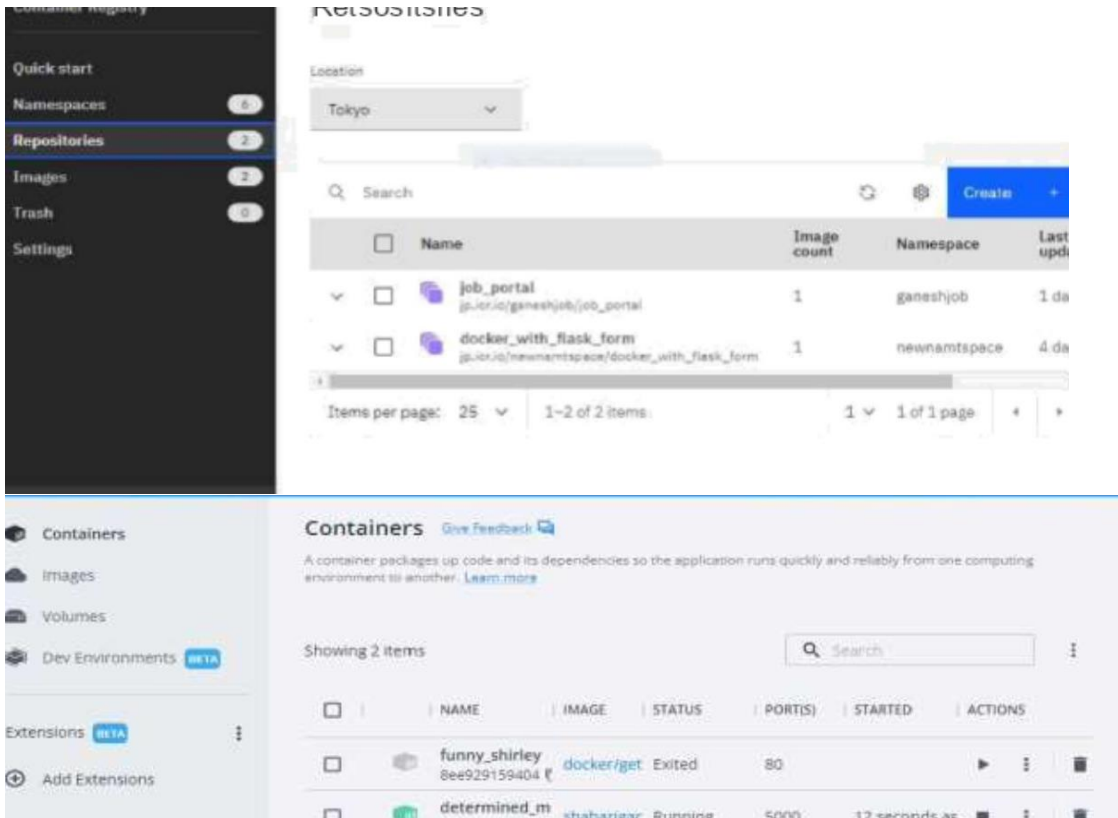
Assignment Date	07 October 2022
Student Name	Sathyan
Student Roll Number	210419104149
Maximum Marks	2 Marks

Question 1:

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

```
C:\Users\ADMIN>docker pull shabariganesan/docker_with_flask_form
Using default tag: latest
latest: Pulling from shabariganesan/docker_with_flask_form
1671565cc8df: Pull complete
3e94d13e55e7: Pull complete
fa9c7528c685: Pull complete
53ad072f9cd1: Pull complete
d6b983117533: Pull complete
d8092d56ded5: Pull complete
c71afc637d59: Pull complete
864a10b3c704: Pull complete
4334b2fe8293: Pull complete
894457083f4: Pull complete
f885911288d0: Pull complete
086f369ca59f: Pull complete
e113bd27b88e: Pull complete
Digest: sha256:c61f28873bf1c909786ce991b8b68cd976765077f344e34d50e6cce8cf8d95c3
Status: Downloaded newer image for shabariganesan/docker_with_flask_form:latest
docker.io/shabariganesan/docker_with_flask_form:latest

C:\Users\ADMIN>
```



Question 2 :

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

[illegible]

Question 3 :

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

```
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
```

The image shows two screenshots. The top screenshot is a terminal window showing the execution of kubectl commands to create a deployment. The bottom screenshot is a composite of two web interfaces. The top part of the bottom screenshot is the IBM Container Registry interface, showing a list of repositories. The bottom part is the mycluster-free dashboard, showing the 'Worker nodes' section with a table of nodes.

Repository	Tags	Manifest type	Created	Size	Security status
ganesha/job_portal@sha256:e93189a7c97a...	latest	Docker	1 day ago	356 MB	23 issues
newman@sha256:cd1f288730f1...	latest	Docker	4 days ago	356 MB	23 issues

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
00000069	Normal	default	MFran 01	10.144.214.76	169.322.175.138	1.23.12_1648

Question 4 :

