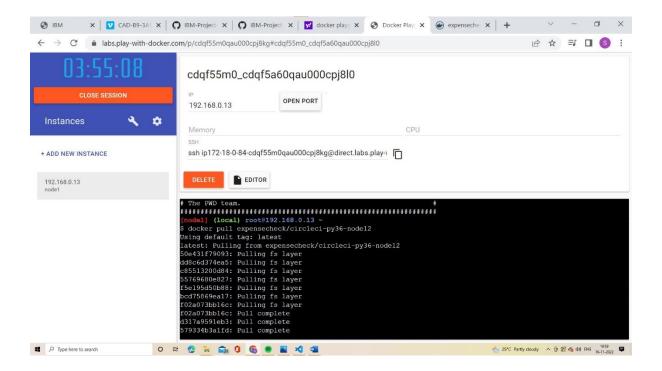
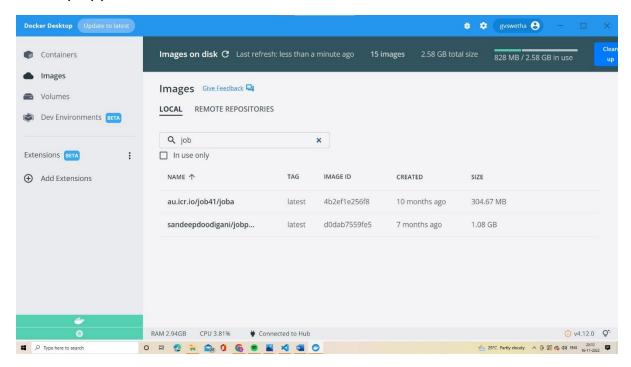
TEAM ID	PNT2022TMID13851
ASSIGNMENT	kubernetes

## Assignment Kubernetes / Docker

- 1.Pull an Image from docker hub and run it in docker playground.
- 2.Create a docker file for the job portal application and deploy it in Docker desktop application.
- 3. Create a IBM container registry and deploy hello world app or job portal app.
- 4.Create a Kubernetes cluster in IBM cloud and deploy hello world image or job portal image and also expose the same app to run in node port.
- 1. Pull an Image from docker hub and run it in docker playground.



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



3. Create a IBM container registry and deploy hello world app or job portal app.

```
Microsoft Androws (Version 10.0.19043.2130)
(c) Microsoft Corporation. All rights reserved.
(c) Microsoft Corporation.
(
```

```
API endpoint: http://cloud.ibm.com
Region: au-syd

User: 6211919411agemartinternz.com

Region: Swetha O's Account (ddeSaZadSSc64a70ab46ab1238b636a9)

Resource group: No resource group targeted, use 'ibmcloud target 'g RESOURCE_GROUP'

Cr API endpoint:

C: \Users\Swetha\Desktop\jobportal>ibmcloud cr region-set global

The region is set to 'global', the registry is 'icr.io'.

OK

C: \Users\Swetha\Desktop\jobportal>ibmcloud cr nemespace-add test11

No resource group is targeted. Therefore, the default resource group for the account ('Default') is targeted.

Adding namespace 'test1' in resource group 'Default' for account Swetha G V's Account in registry icr.io..

FAILED

The requested namespace is already in use in registry 'icr.io'.

Choose a different namespace.

C: \Users\Swetha\Desktop\jobportal>ibmcloud cr namespace-add job54

by resource group is targeted. Therefore, the default resource group for the account ('Default') is targeted.

Adding namespace is already in use in registry 'icr.io'.

Choose a different namespace is already owned by your account.

OK

C: \Users\Swetha\Desktop\jobportal>ibmcloud cr namespace-add job54

by resource group is targeted. Therefore, the default resource group for the account ('Default') is targeted.

Adding namespace 'job54' in resource group 'Default' for account Swetha G V's Account in registry icr.io...

The requested namespace is already owned by your account.

OK

C: \Users\Swetha\Desktop\jobportal>ibmcloud cr login longing 'gooker' in to 'icr.io'...

Logged in to 'icr.io'.
```