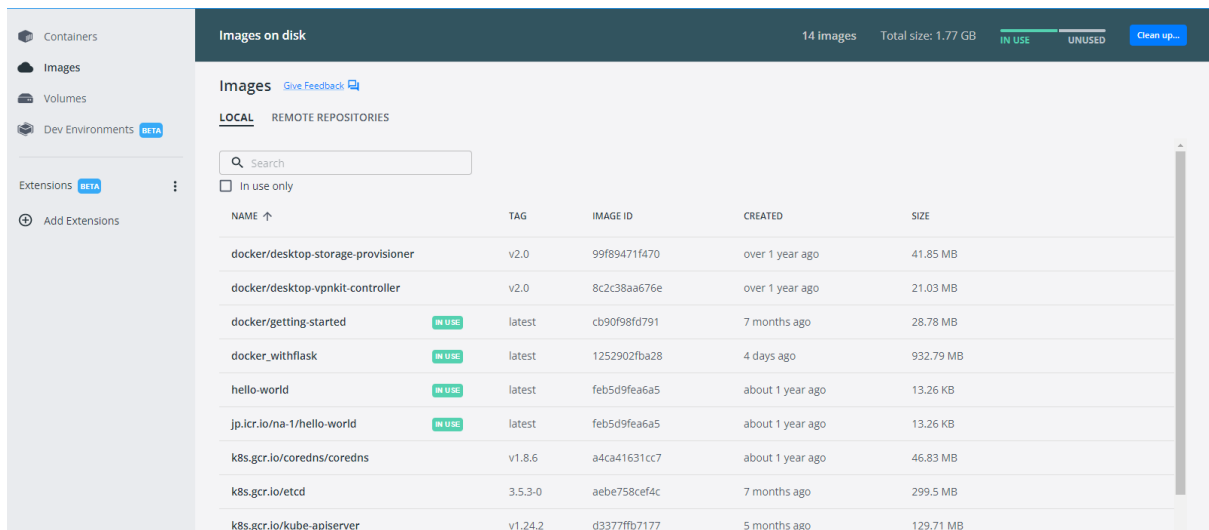


Assignment -4

Assignment Date	22 October 2022
Student Name	Catherine S
Student Roll Number	913319104012
Maximum Marks	2 Marks

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

2.Create a dockerfile for the job portal / flask application and deploy it in Docker desktop application.



Containers

Images

Volumes

Dev Environments BETA

Extensions BETA

Add Extensions

Containers [Give Feedback](#)

A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. [Learn more](#)

Showing 3 items

NAME

IMAGE

STATUS

PORT(S)

STARTED

romantic_easley
aebc0a80b9b9

docker_withflask:latest

Exited (255)

5000

quirky_edison
d6ec596c270d

docker/getting-started:latest

Exited

80

sharp_einstein
d7825c1e2048

hello-world:latest

Exited

-

hub.docker.com/repositories

dockerhub

Search for great content...

Explore

Repositories

Organizations

Help

Upgrade

catherine26

catherine26

Search by repository name

Content

Create repository

catherine26 / flask

Contains: No content | Last pushed: an hour ago

Not Scanned

0

0

Public

catherine26 / demo_app

Contains: No content | Last pushed: an hour ago

Not Scanned

0

0

Public

catherine26 / docker_withflask

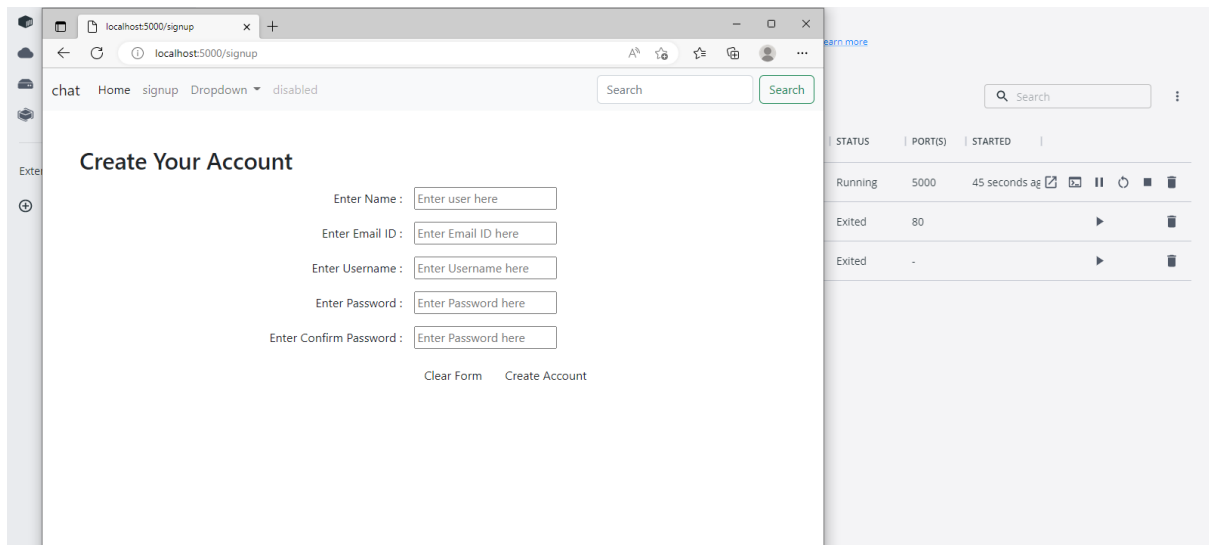
Contains: No content | Last pushed: 2 days ago

Not Scanned

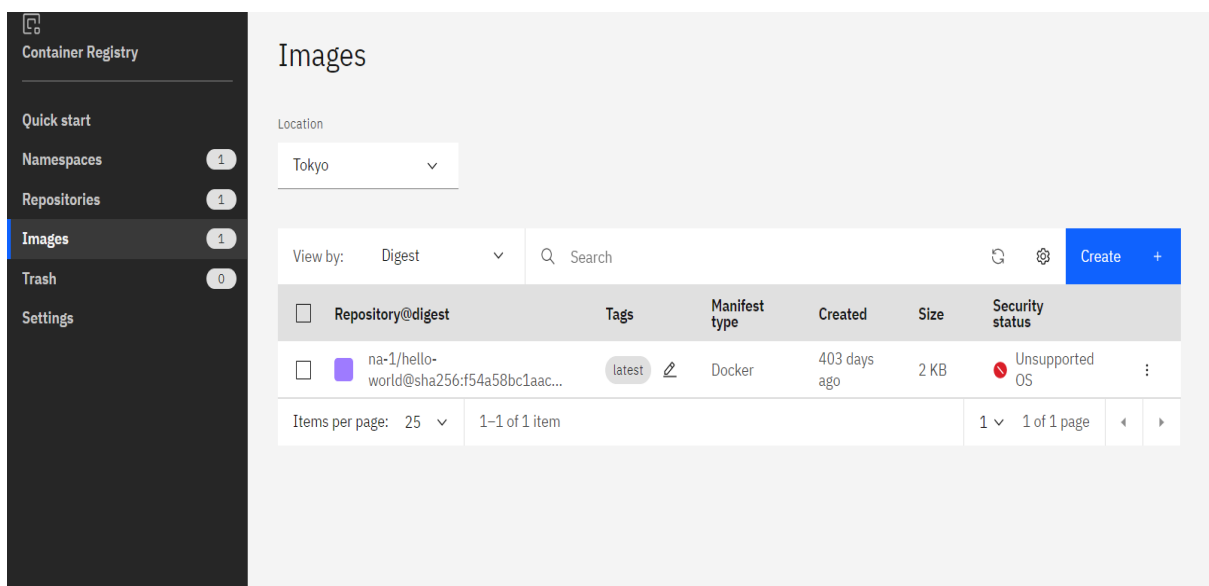
0

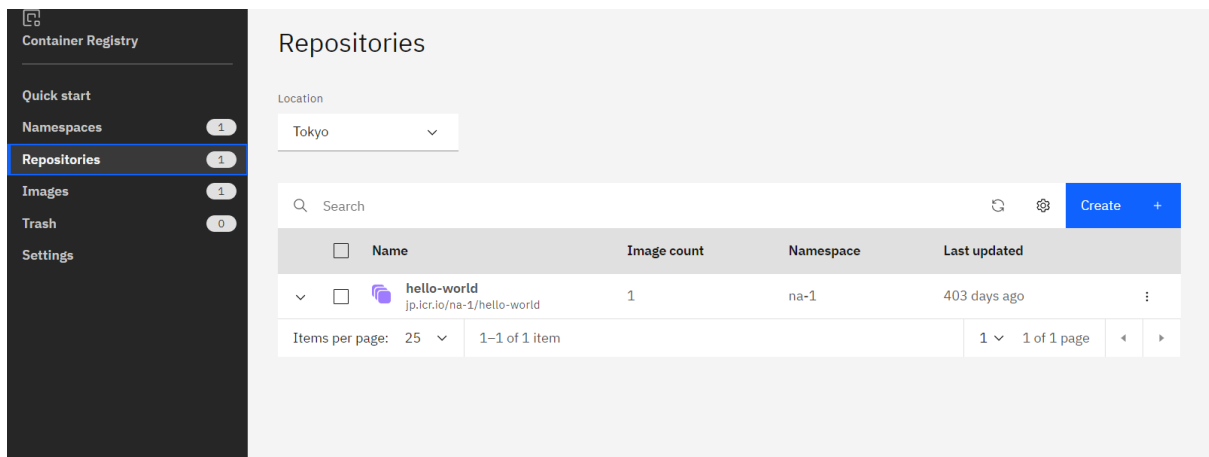
0

Public



3. Create a **IBM container registry** and **push docker image** of flask application or job portal app.





4. Create a Kubernetes cluster in IBM cloud and deploy flask application image or job portal image and also expose the same app to run in nodeport.

