Assignment -4

Assignment Date	22 October 2022
Student Name	Asan mohemed arif,S Karthick,U Raghul,R Yuvaraj
Team ID	PNT2022TMID45031
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 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
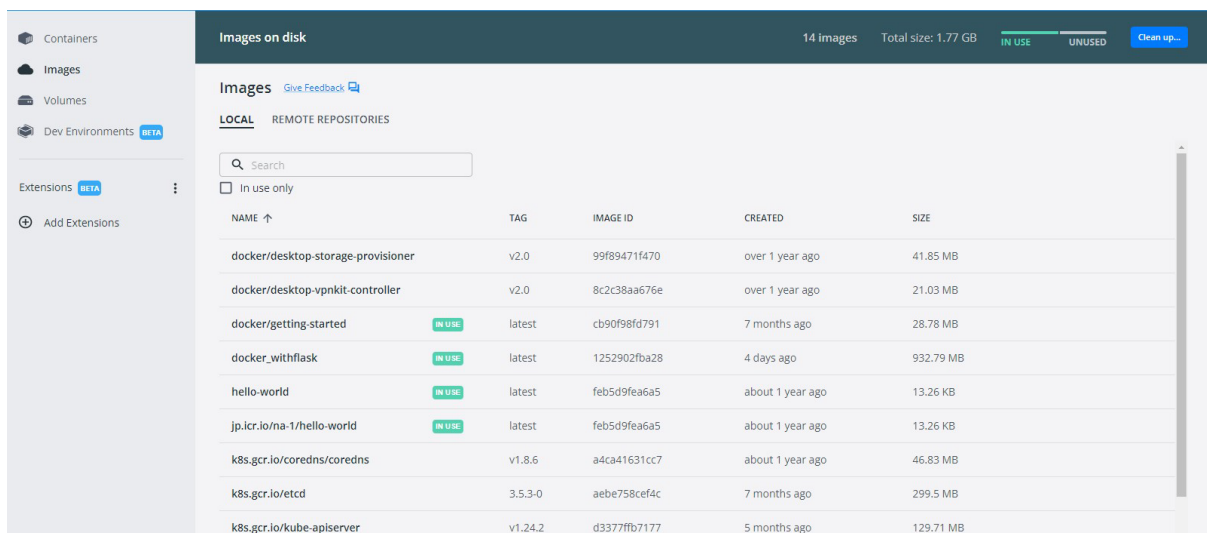
Containers
Images
Volumes
Dev Environments BETA

Extensions BETA

Add Extensions

Showing 3 items

		NAME	IMAGE	STATUS	PORT(S)	STARTED	
☐		romantic_easley aebc0a80b9b9	docker_withflask:latest	Exited (255)	5000		▶ 🗑
☐		quirky_edison d6ec5a6c270d	docker/getting-started:latest	Exited	80		▶ 🗑
☐		sharp_einstein d7825c1e2048	hello-world:latest	Exited	-		▶ 🗑

localhost:5000/signup

← → ⟳ ① localhost:5000/signup

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Enter Name :   [Enter user here]

Enter Email ID :   [Enter Email ID here]

Enter Username :   [Enter Username here]

Enter Password :   [Enter Password here]
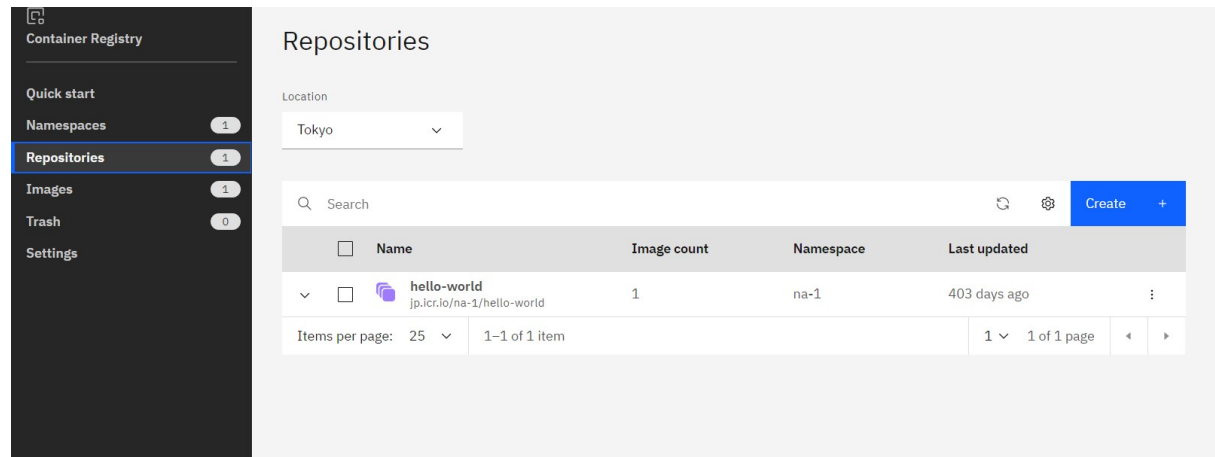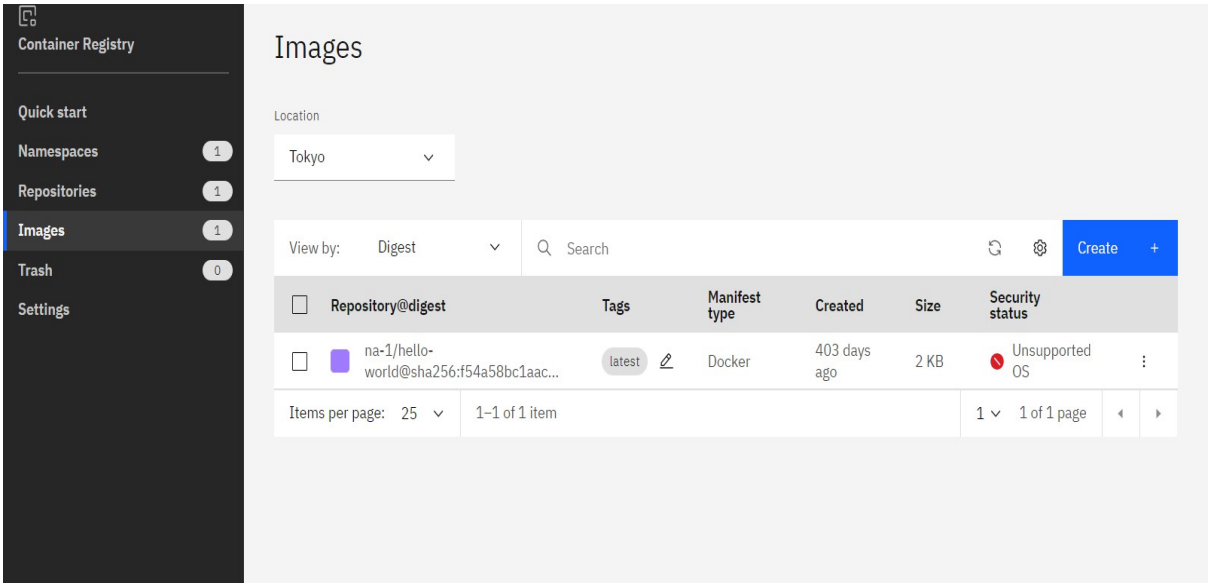
Enter Confirm Password : [Enter Password here]

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	STATUS	PORT(S)	STARTED	
	Running	5000	45 seconds ag	▶ ⏸ ⟳ ■ 🗑
	Exited	80		▶ 🗑
	Exited	-		▶ 🗑

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.