## Assignment -4

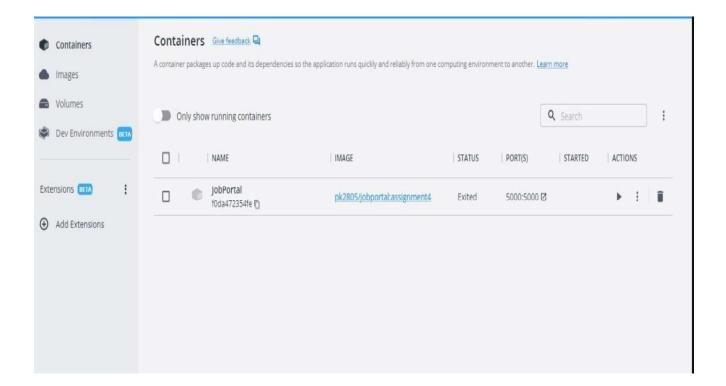
## Inventory Management System for Retailers - Kubernetes / Docker

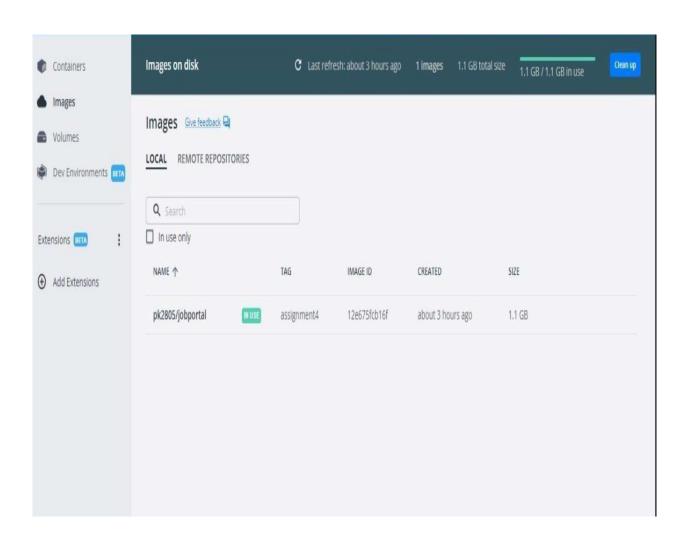
Assignment Date	07 November 2022
Student Name	Gowri Shankar K
Student Roll Number	61771921016
Maximum Marks	2 Marks

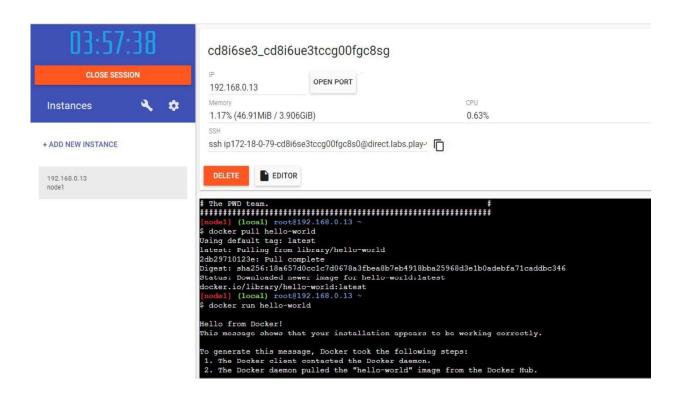
## Question-1:

- 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.
- 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.

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

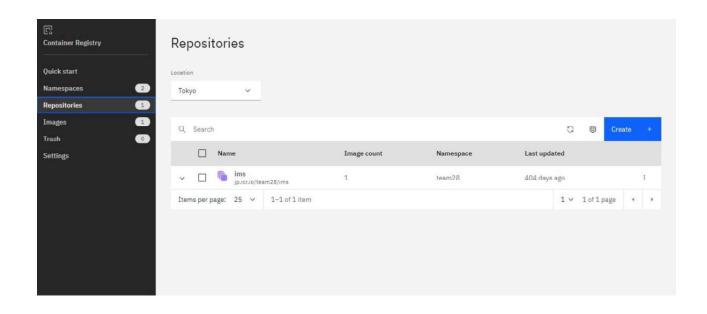


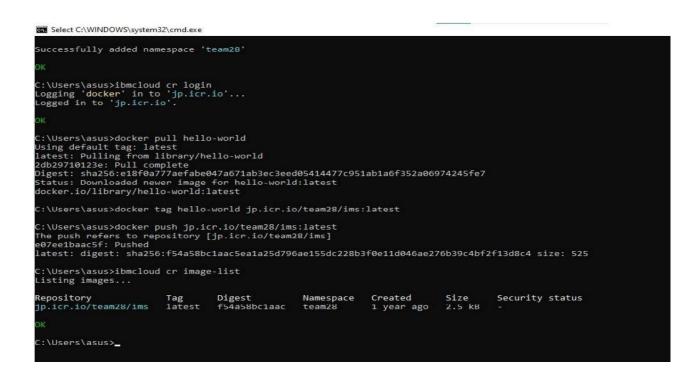




**Step 2**: Create a dockerfile for the job portal / flask application and deploy it in Docker desktop application.

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





**Step 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.

