## Assignment -4

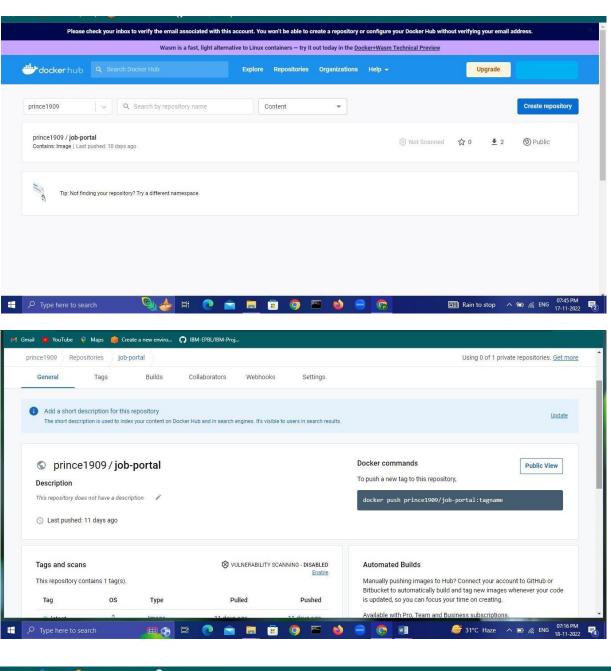
## Kubernetes / Docker

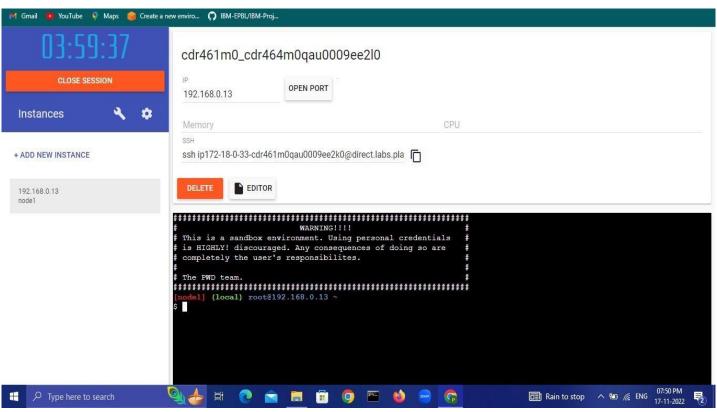
Assignment Date	13 November 2022
Student Name	Thirukumaran
Student Roll Number	61772021L05
Maximum Marks	2 Marks

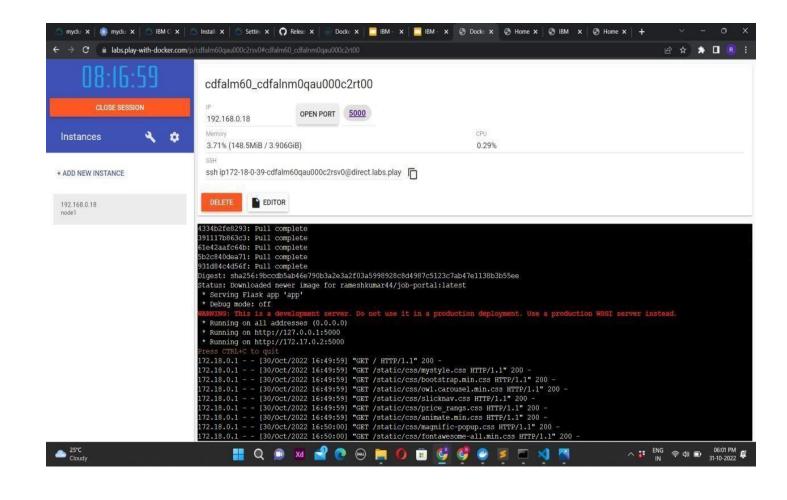
## Question-1:

- 1. Pull an Image from docker hub and run it in docker playground.
- 2. Create a docker file 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.

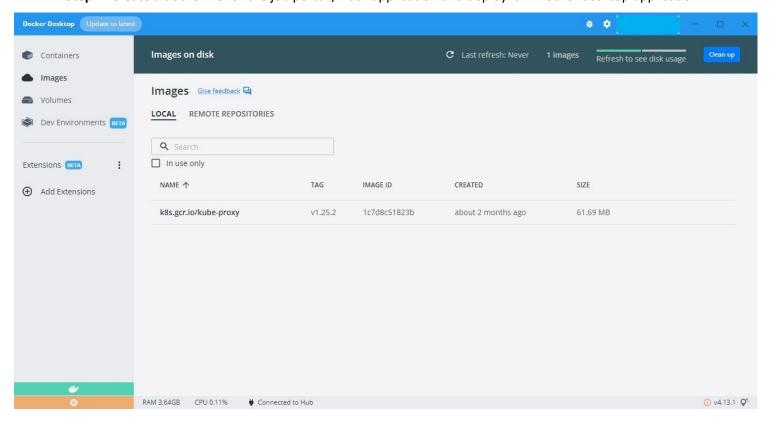
**Step 1**: Pull an Image from docker hub and run it in docker playground.

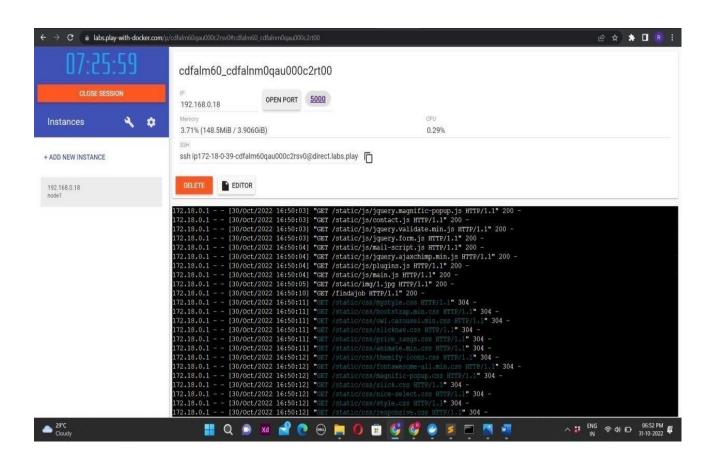




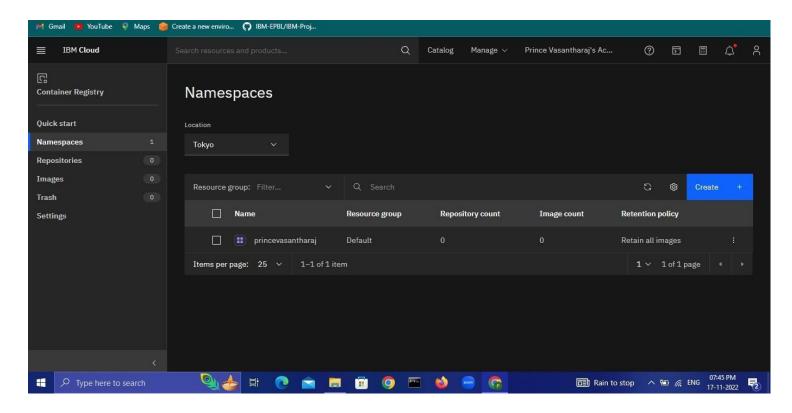


Step 2: Create a dockerfile for the job portal / flask application and deploy it in Docker desktop application.





**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.

