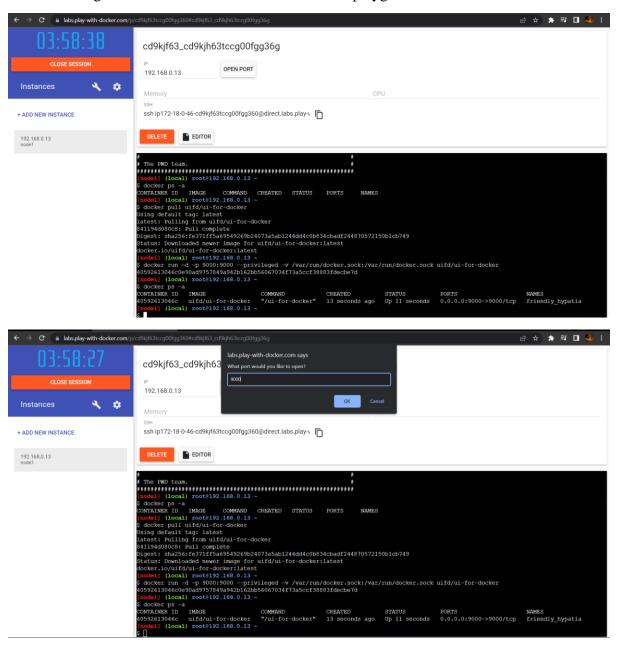
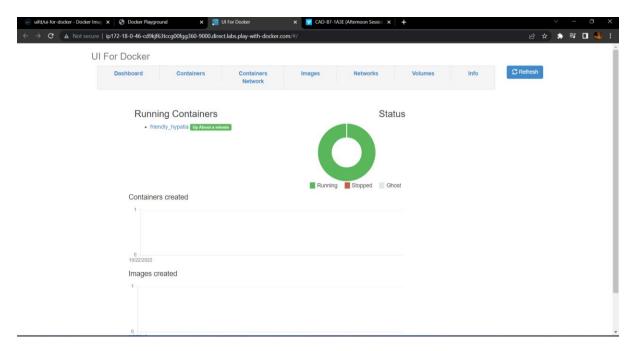
Assignment-4

Date	20 October 2022
Team ID	PNT2022TMID28022
Project Name	Inventory Management System For Retailers
Maximum Marks	2 Marks

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





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

Dockerfile

FROM python:3.10

WORKDIR /app

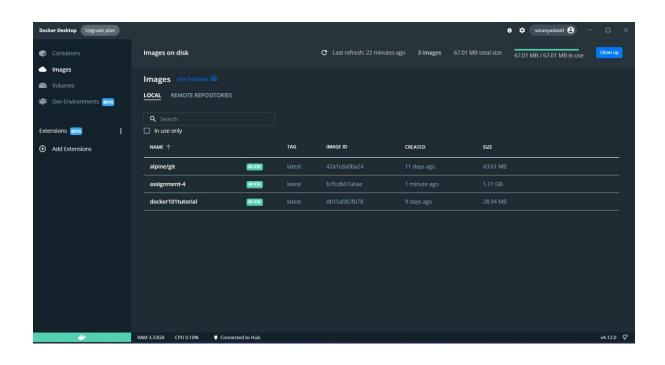
ADD . /app

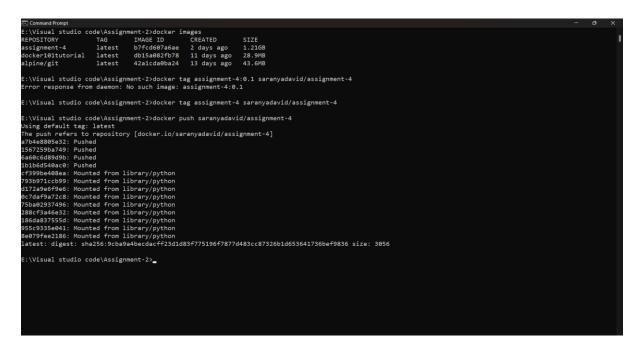
COPY requirements.txt /app

RUN python3 -m pip install -r requirements.txt

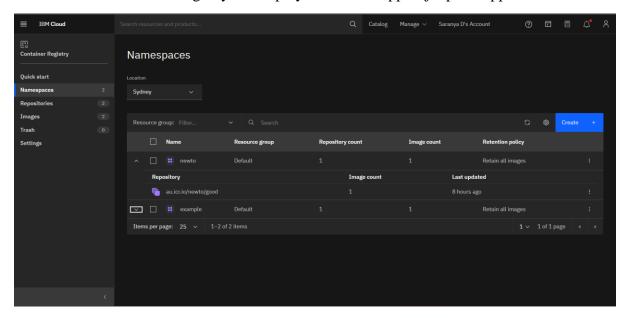
EXPOSE 3000

CMD ["python","app.py","--host", "0.0.0.0"]



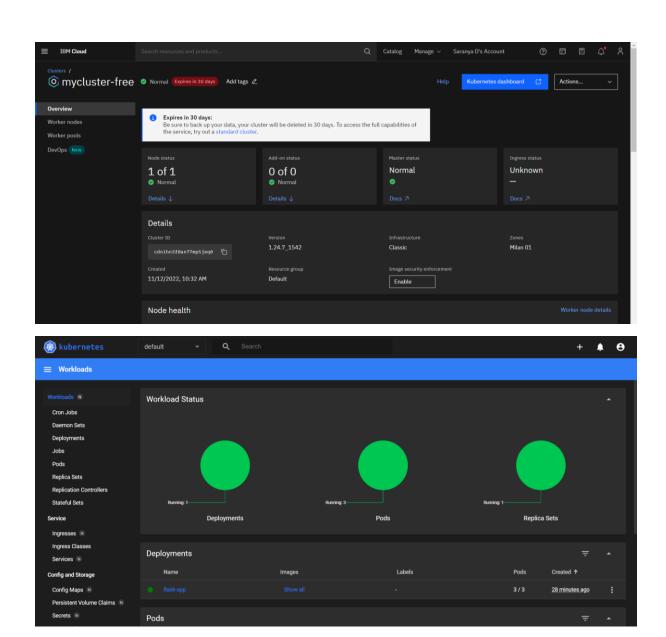


3. Create a IBM container registry and deploy helloworld app or jobportal app.



4.Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport.





Student Registration Portal



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