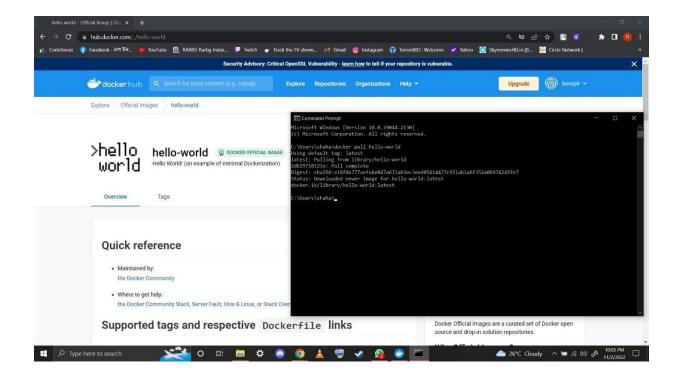
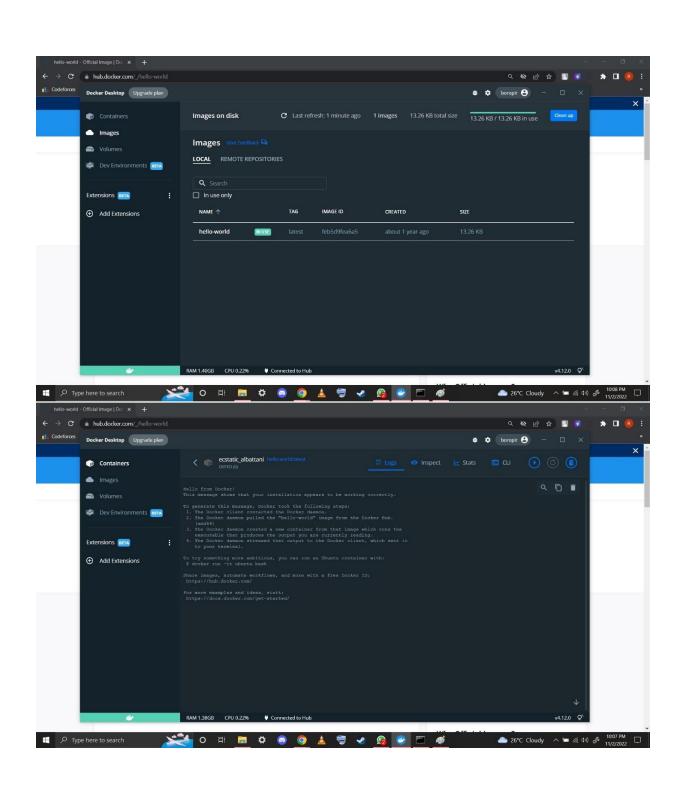
## Assignment -4

Assignment Date	27 October 2022
Student Name	GODSON RAJ R
Student Roll Number	211419104079
Maximum Marks	2 Marks

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





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

Dockerfile:

**FROM** 

python:3.6

**WORKDIR** 

/app ADD. /app

COPY requirements.txt /app

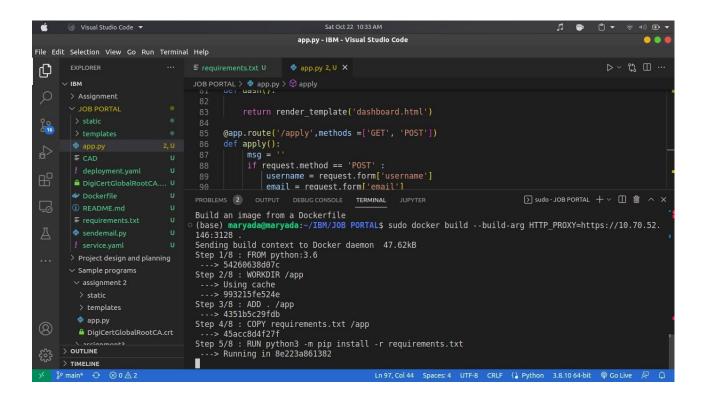
RUN python3 -m pip install -r

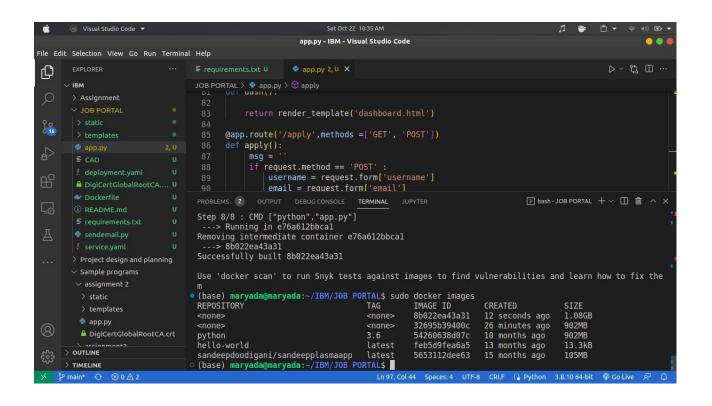
requirements.txtRUN python3 -m pip

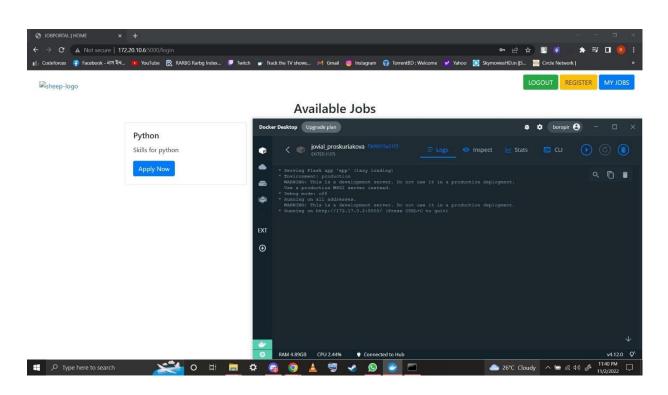
install ibm\_db

EXPOSE 5000

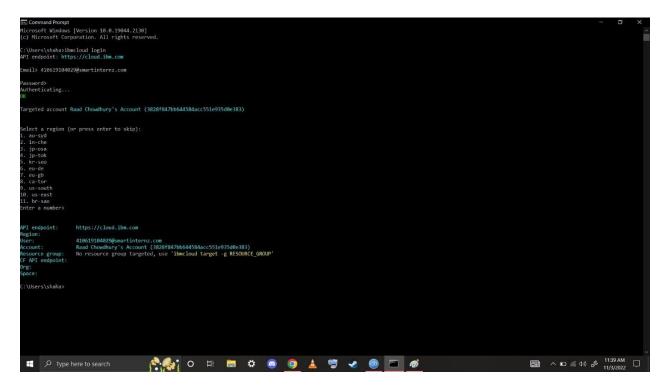
CMD ["python","app.py"]

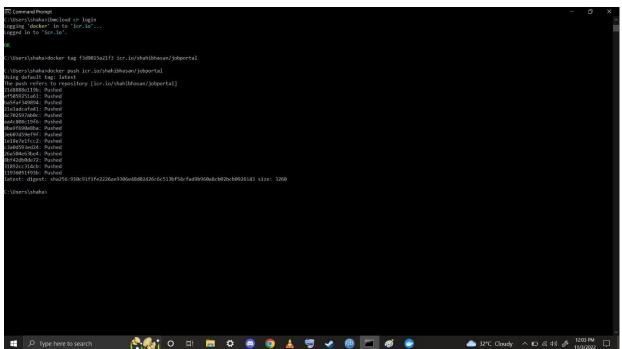


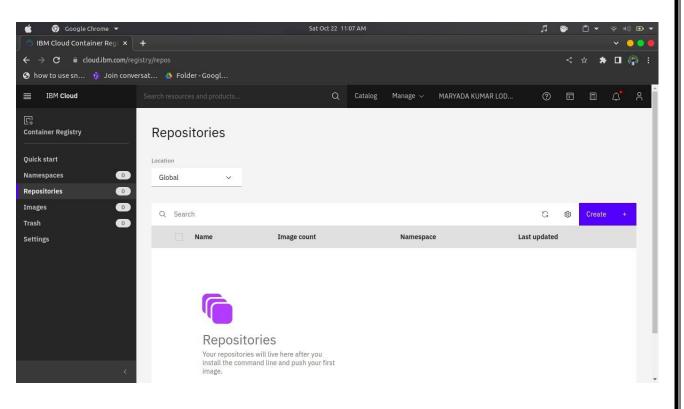


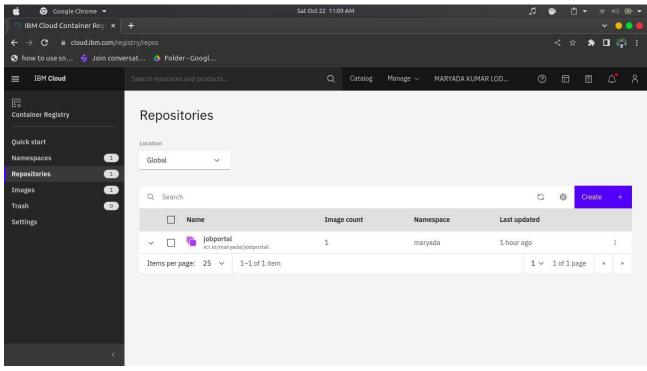


3. Create a IBM container registry and deploy job portal app.









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

