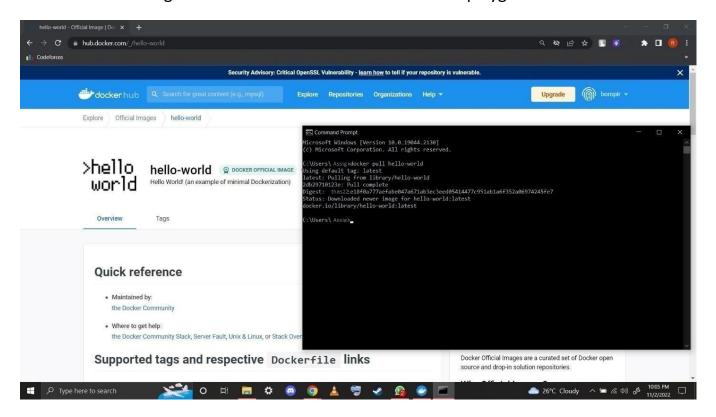
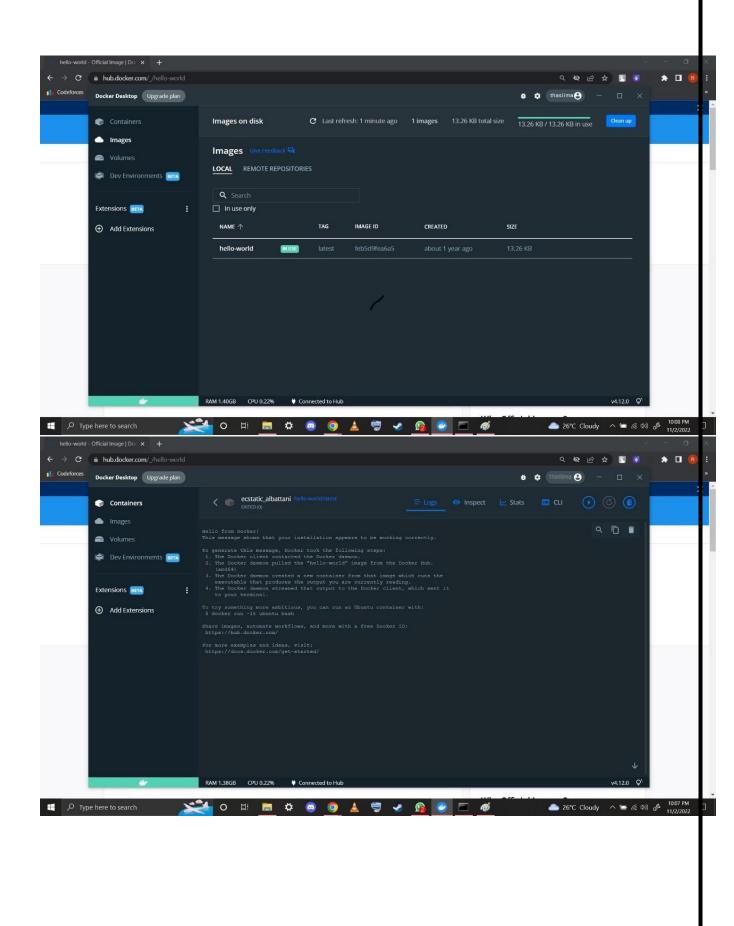
## Assignment -4

Assignment Date	17 November 2022
Student Name	Thaslima Banu S
Student Roll Number	912819104054
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 and skill recommender application and deploy it in Docker desktopapplication.

Dockerfile:

**FROM** 

python:3.6

WORKDIR /app

ADD. /app

COPY requirements.txt /app

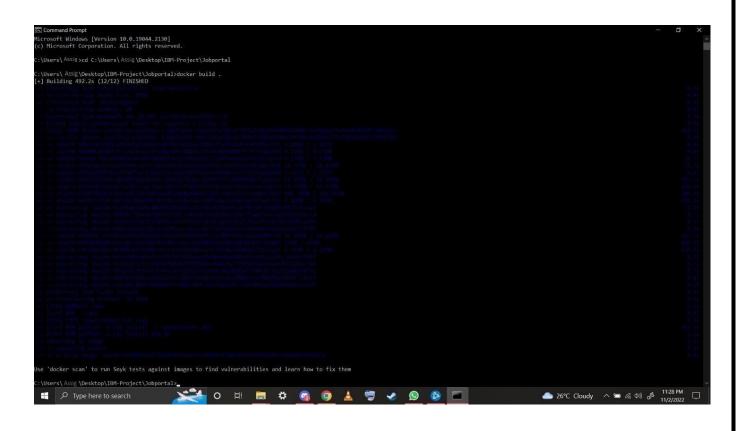
RUN python3 -m pip install -r

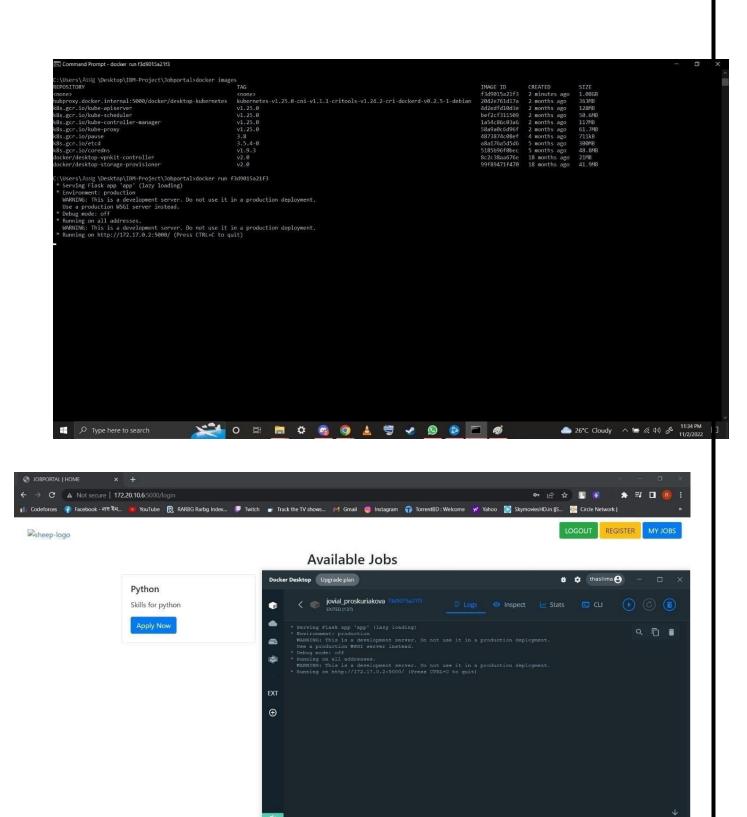
requirements.txtRUN python3 -m pip

install ibm\_db

**EXPOSE 5000** 

CMD ["python","app1.py"]



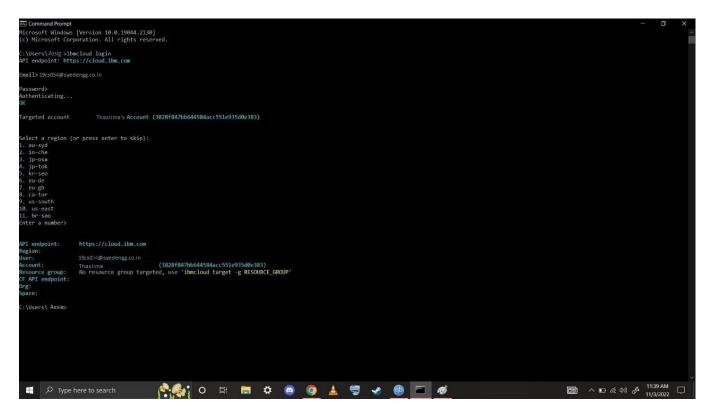


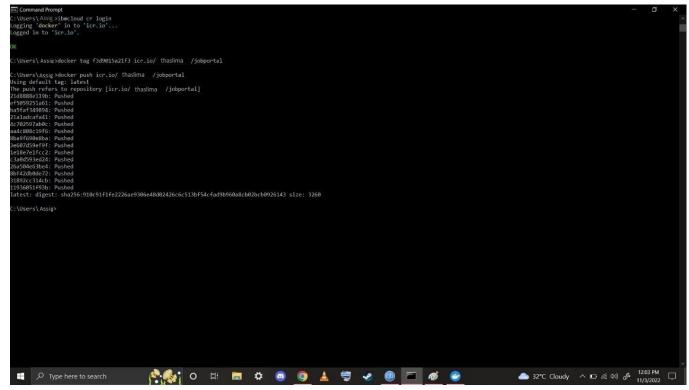
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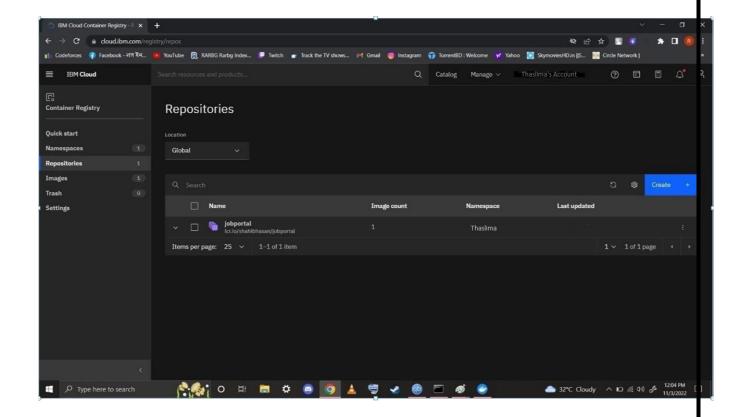
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3. Create a IBM container registry and deploy job and skill recommender app.







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

