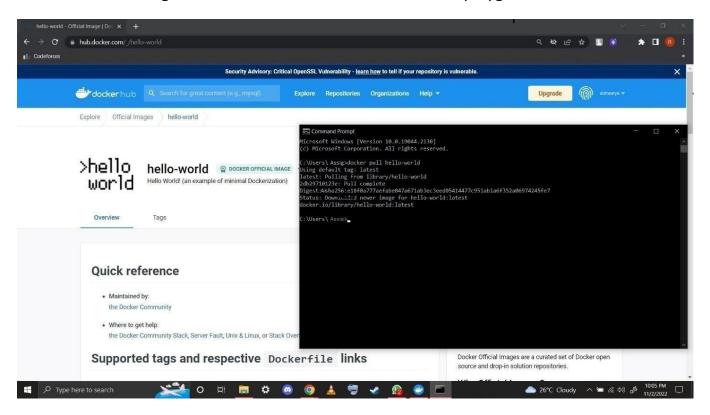
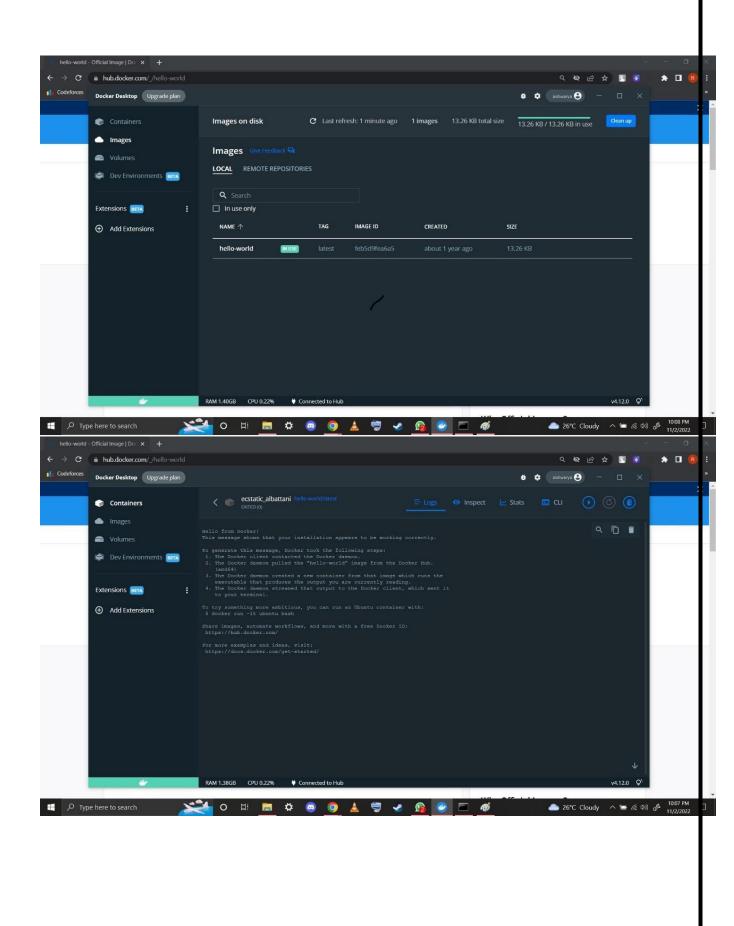
Assignment -4

Assignment Date	18 November 2022
Student Name	Aishwarya V
Student Roll Number	912819104008
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

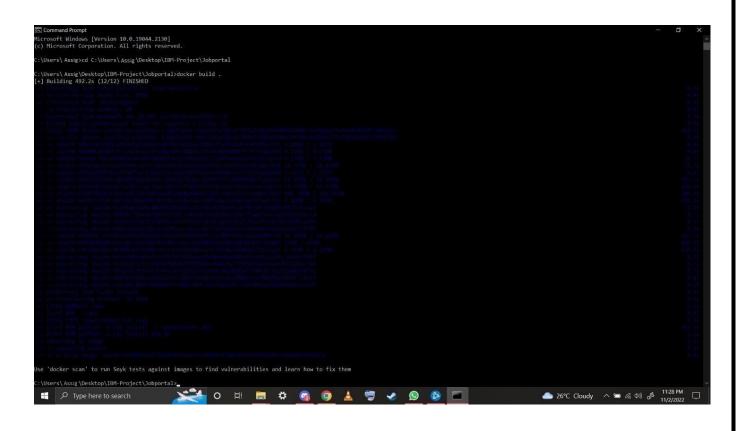
RUN python3 -m pip install -r

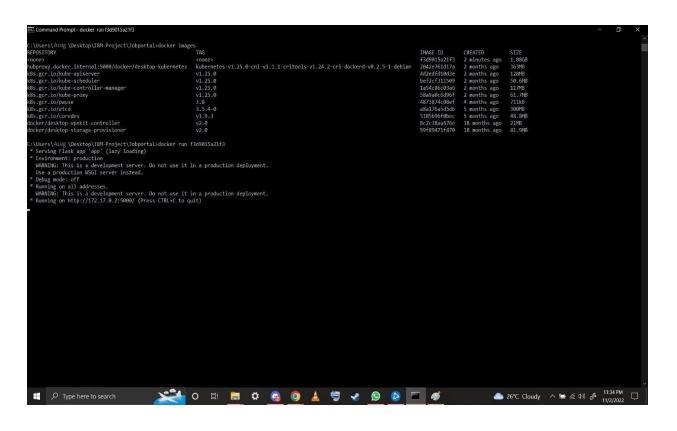
requirements.txtRUN python3 -m pip

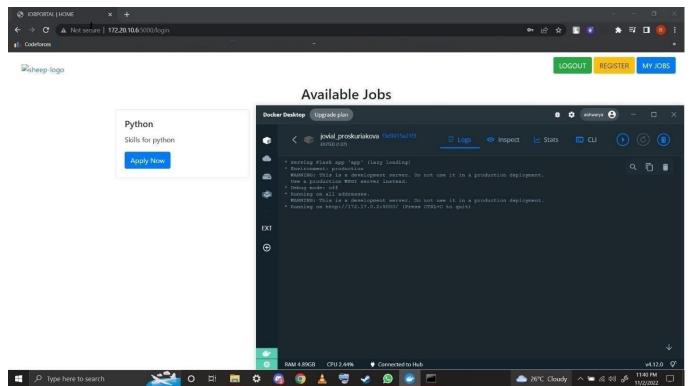
install ibm_db

EXPOSE 5000

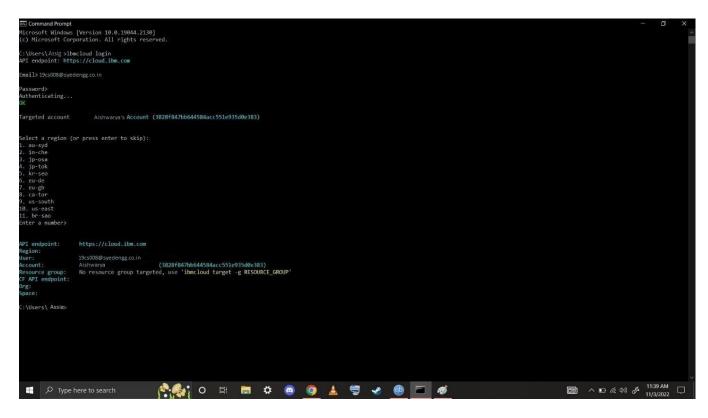
CMD ["python","app1.py"]

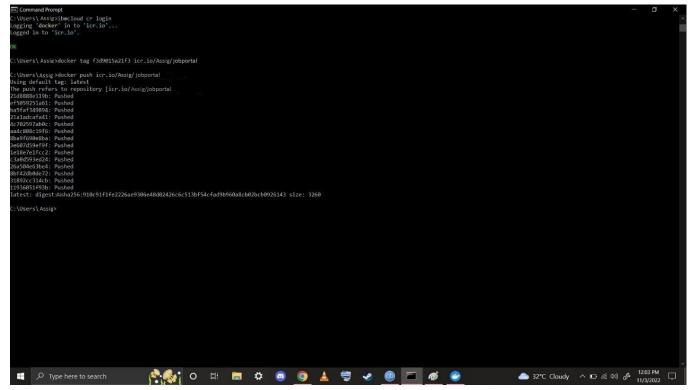


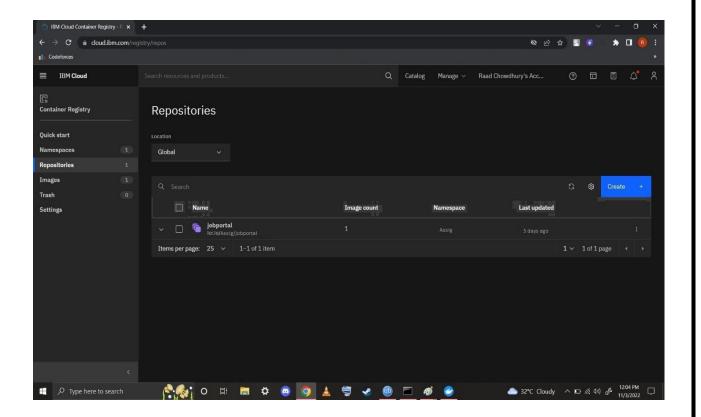




3. Create a IBM container registry and deploy job and skill recommender app.







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

