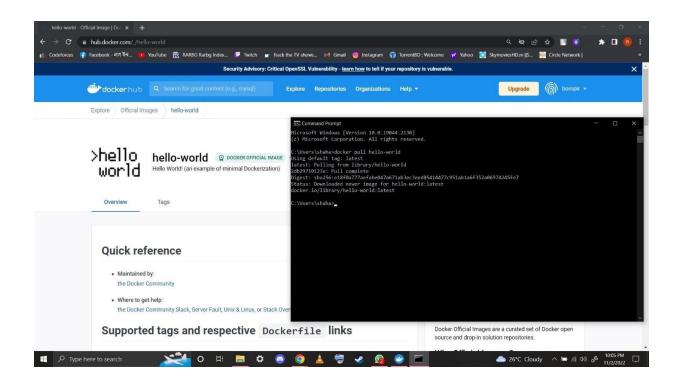
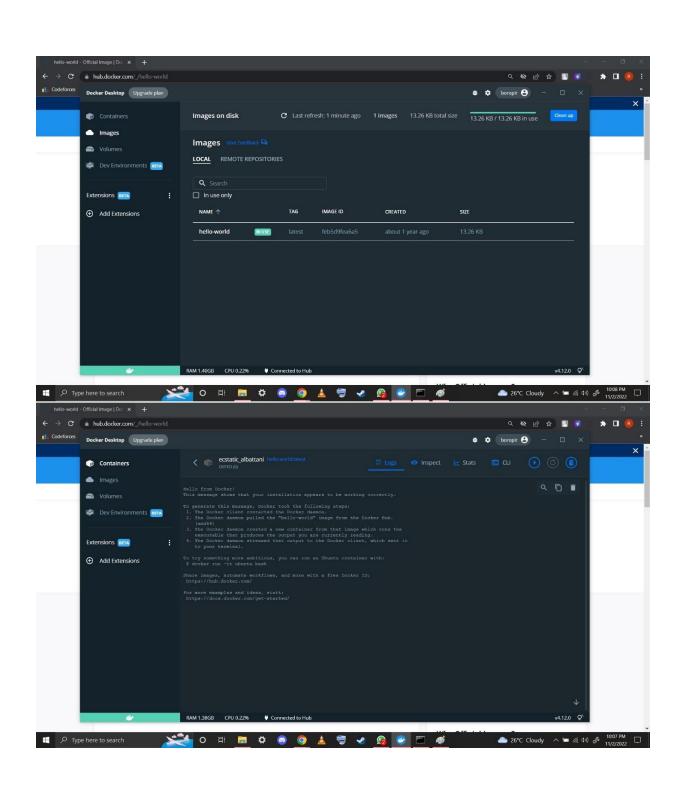
Assignment -4

Assignment Date	27 October 2022
Student Name	BABIN MON B
Student Roll Number	211419104033
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

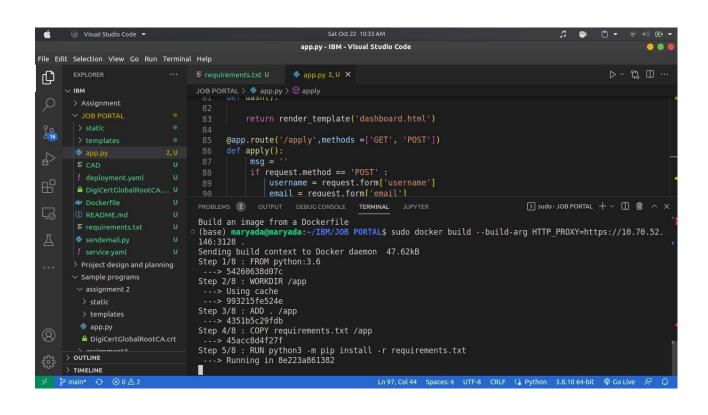
RUN python3 -m pip install -r

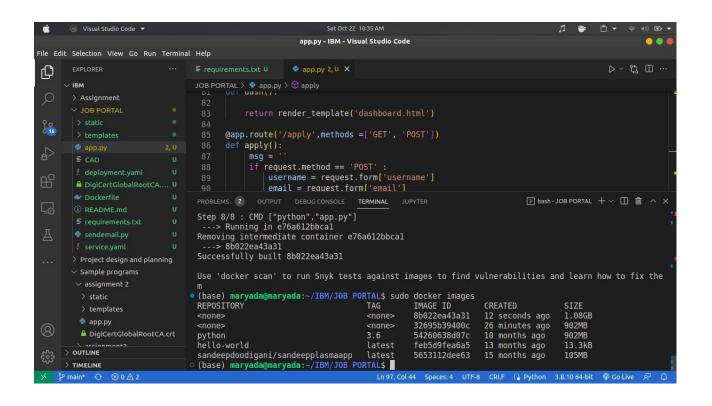
requirements.txtRUN python3 -m pip

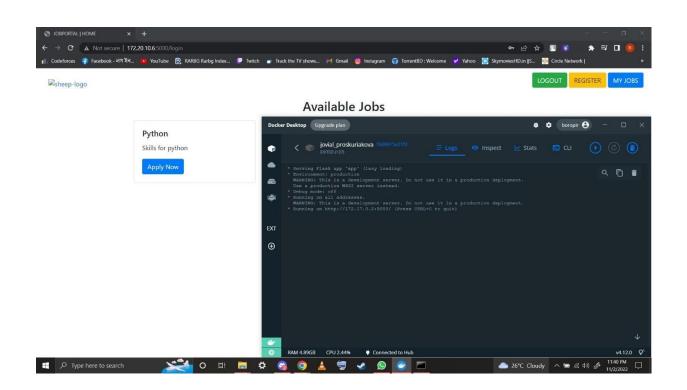
install ibm_db

EXPOSE 5000

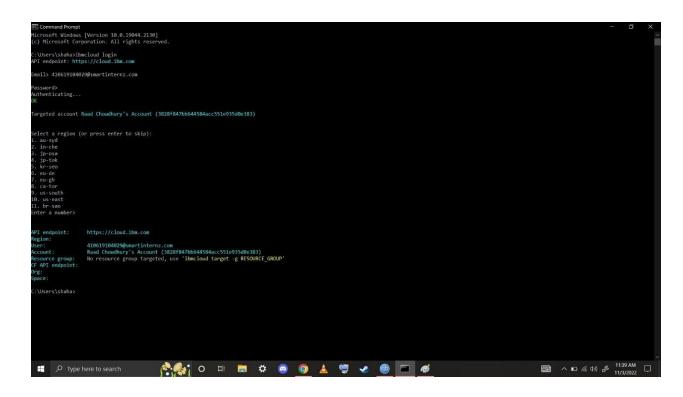
CMD ["python","app.py"]

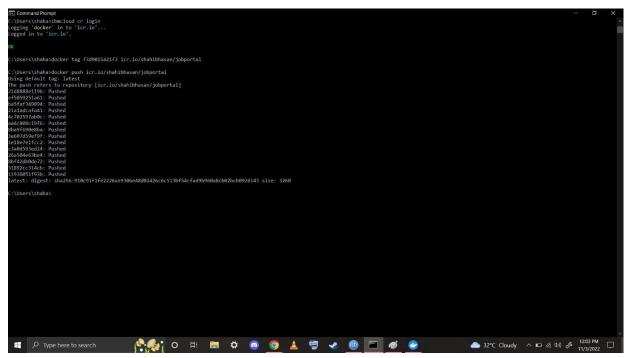


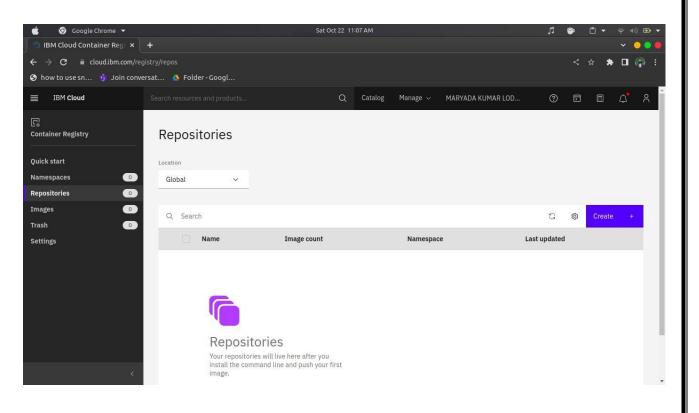


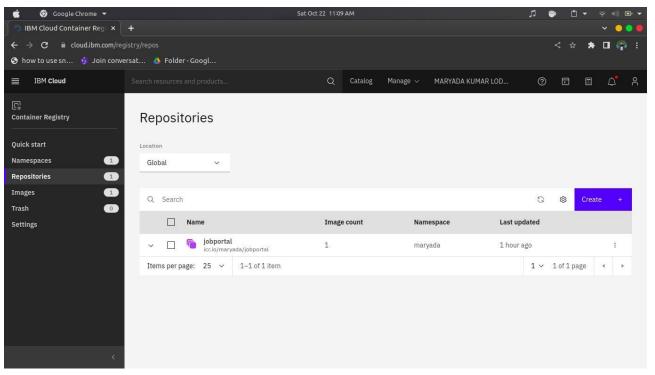


3. Create a IBM container registry and deploy job portal app.









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

