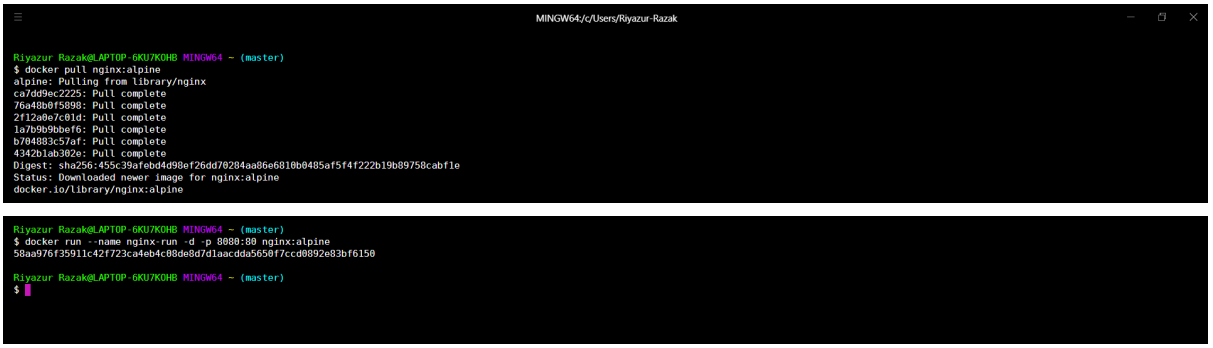
Assignment -4

Student Name	Riyazur Razak N
Student Roll Number	737819ECR144
Maximum Marks	2 Marks

Question 1

Pull an image from the docker hub and run it in the docker playground



Question 2

Create a docker file for the job portal application and deploy it

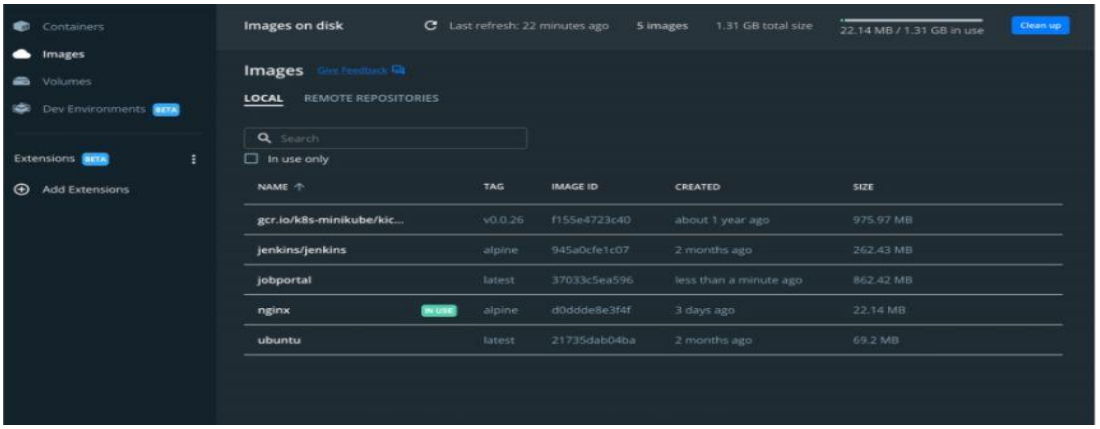
From python:3.8-bluster

WORKDIR /app

COPY requirements.txt /app/
RUN pip install -r requirements.py

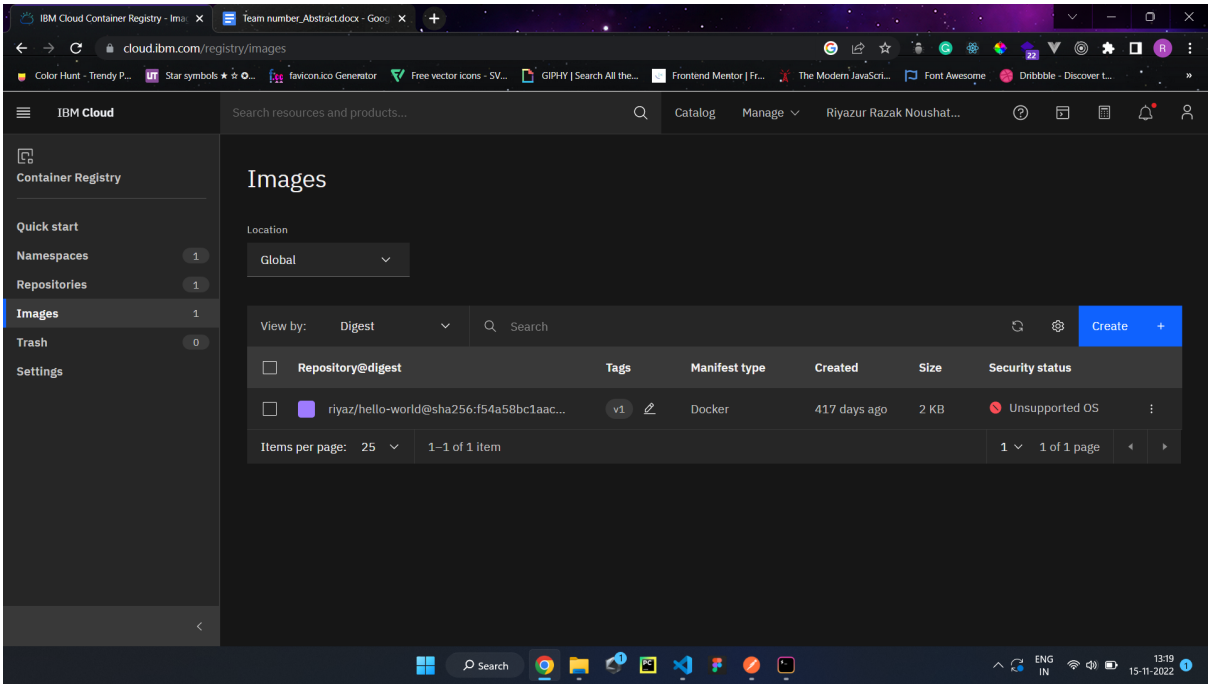
COPY ./app/
RUN cp .env .env
EXPOSE 5000
RUN chmod +x entrypoint.sh

CMD [“sh”, “entrypoint.sh”]



Question 3

Create an IBM container repository and deploy HelloWorld



Question 4

Create a kubernetes cluster in ibm cloud and deploy helloworld image and also expose the same app to run in nodeport