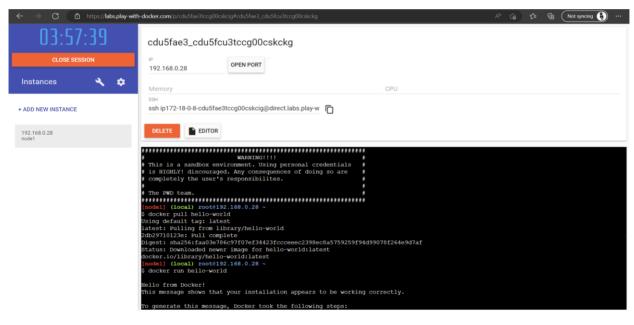
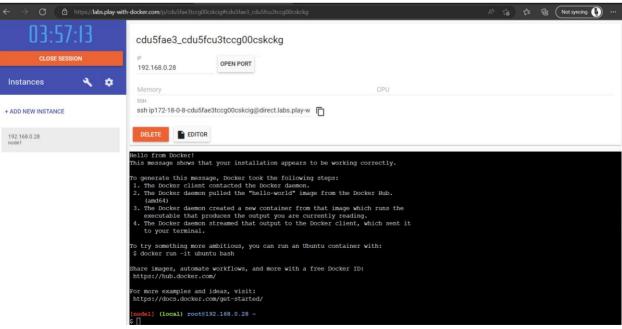
Assignment - 4

Assignment Date	24 October 2022
Student Name	Jagabathi Babu
Student Roll Number	111519205013
Maximum Marks	2 Marks

Question 1:

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





Question 2:

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

DOCKERFILE:

```
FROM python:3.8-buster

WORKDIR /app

COPY requirements.txt /app/

RUN pip install -r requirements.txt

COPY ./app/

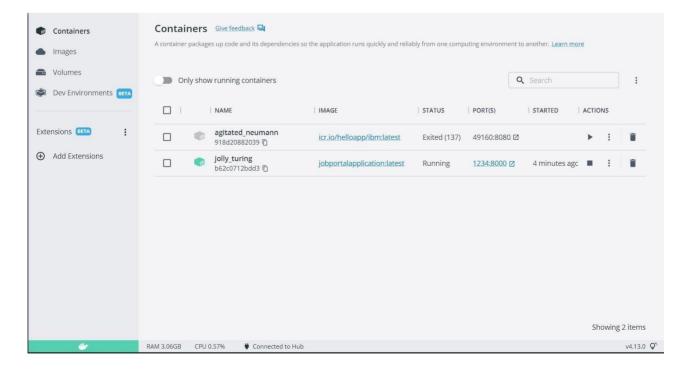
RUN cp.env.dev.sample .env

EXPOSE 8000

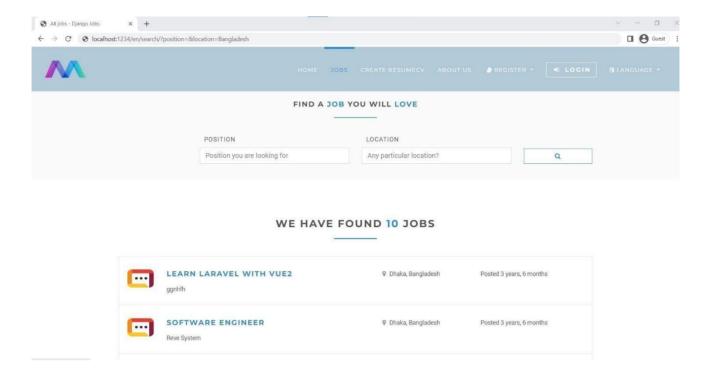
RUN chmod +x entrypoint.sh

CMD ["sh", "entrypoint.sh"]
```

DEPLOYMENT OF JOBPORTAL APPLICATION:



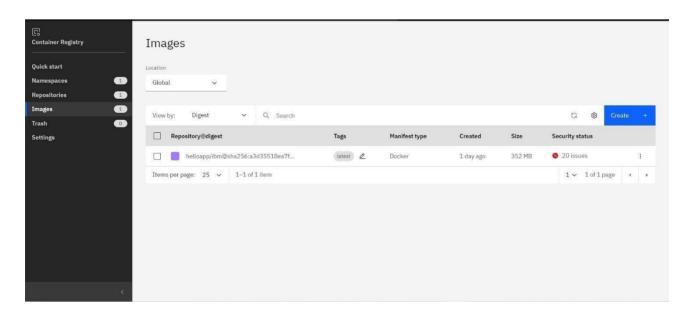
OUTPUT:



Question 3:

Create an IBM container registry and deploy hello world app or job portal app.

IBM CONTAINER REGISTRY DEPLOYMENT:



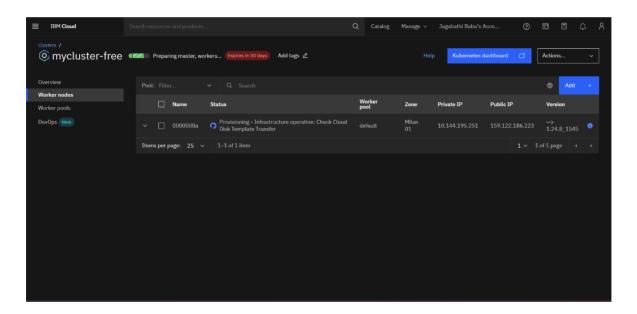
OUTPUT:



Question 4:

Create a Kubernetes cluster in IBM cloud and deploy hello world image or job portal image and expose the same app to run in node port.

Creating Kubernetes cluster in IBM cloud and exposing node port:



OUTPUT:

