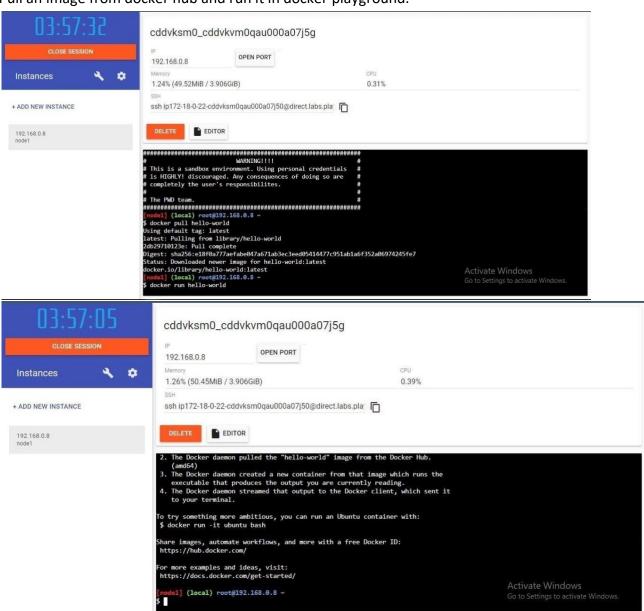
Assignment - 4

Assignment Date	9 November 2022
Student Name	Aarthi.S
Student Roll Number	311419104001
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 desktopapplication.

DOCKER FILE:

```
TROM python:3.8-buster

WORKDIR /app

COPY requirements.txt /app/

RUN pip install -r requirements.txt

COPY . /app/

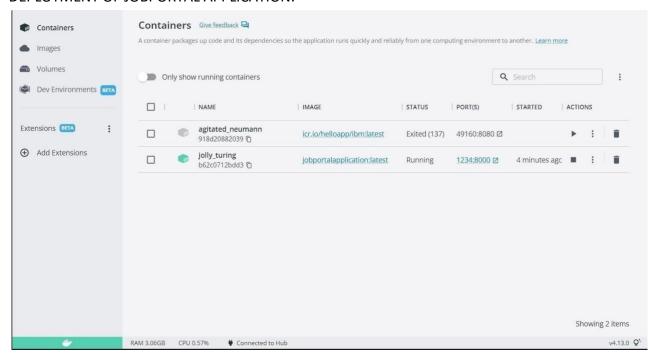
RUN cp .env.dev.sample .env

EXPOSE 8000

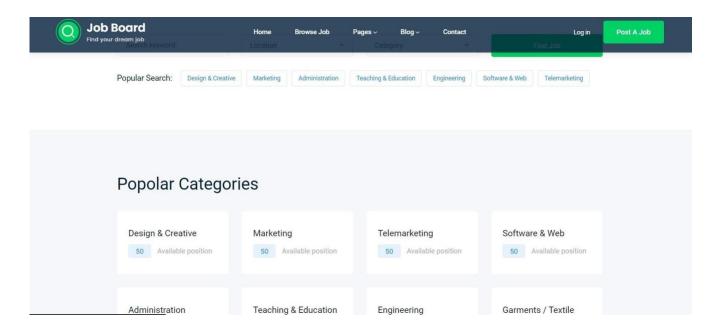
RUN chmod +x entrypoint.sh

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

DEPLOYMENT OF JOBPORTAL APPLICATION:



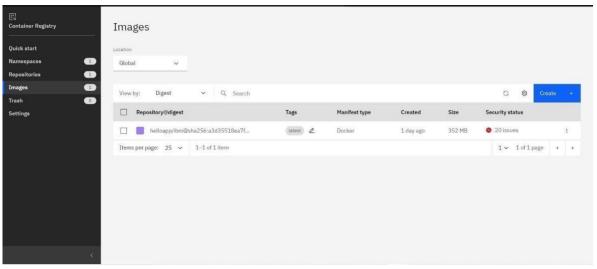
OUTPUT:



Question 3:

Create a IBM container registry and deploy hello-world app or job port app.IBM CONTAINER

REGISTRY DEPLOYMENT:



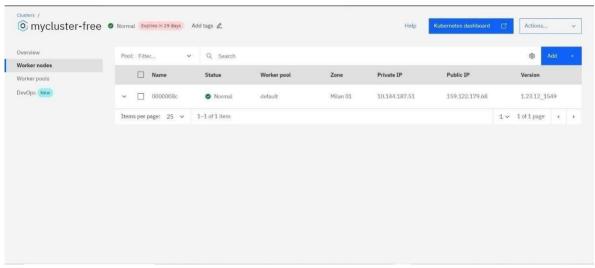
OUTPUT:



Question 4:

Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal imageandalsoexposethe same app to run in node port.

Creating Kubernetes cluster in IBM cloud and exposing node port:



OUTPUT:

