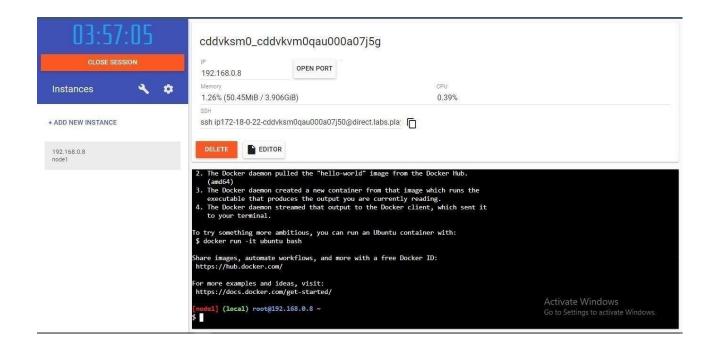
Assignment date	20/11/2022
Student name	LAVANYA K.S
Student roll no	721719104045
Maximum marks	2 marks

Assignment-4

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 desktopapplication.

DOCKER FILE:

```
FROM python:3.8-buster

WORKDIR /app

COPY requirements.txt /app/

RUN pip install -r requirements.txt

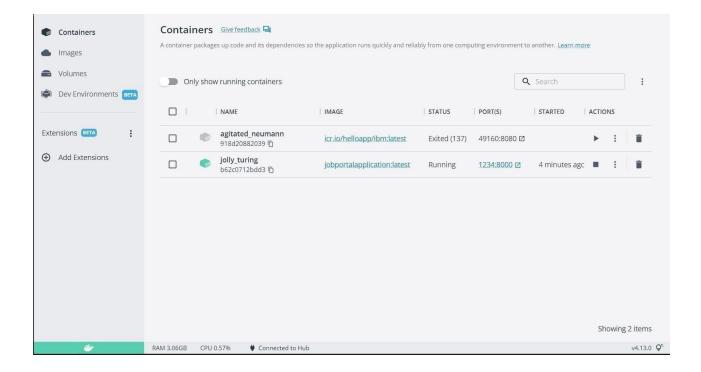
RUN cp .env.dev.sample .env

EXPOSE 8000

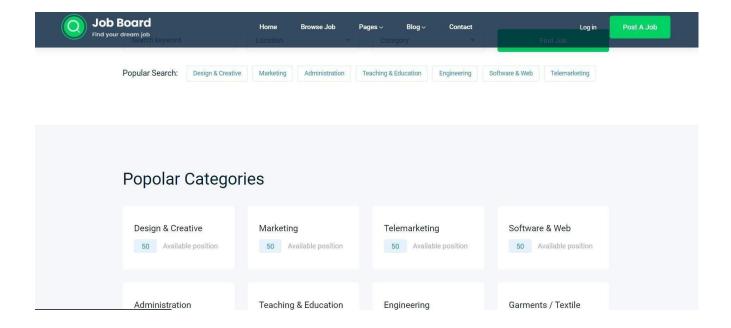
RUN chmod +x entrypoint.sh

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

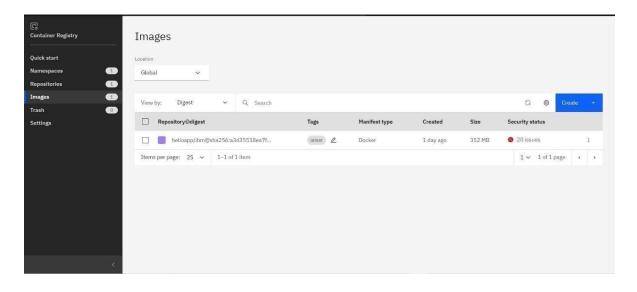
DEPLOYMENT OF JOBPORTAL APPLICATION:



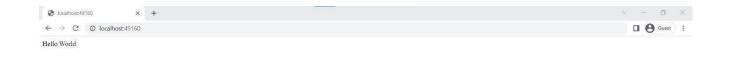
OUTPUT:



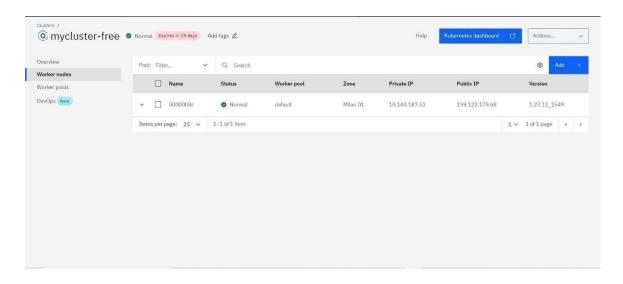
3. Create a IBM container registry and deploy hello-world app or job port app.IBM CONTAINER REGISTRY DEPLOYMENT:



OUTPUT:



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



Output:

