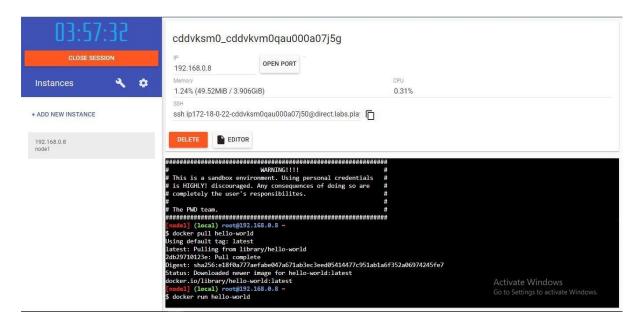
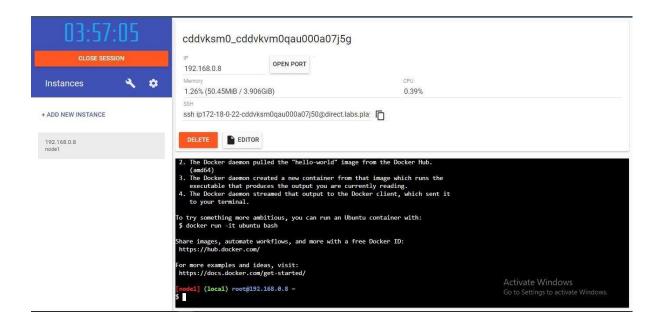
ASSIGNMENT 4

TEAM ID	PNT2022TMID31308
PROJECT NAME	NUTRITION ASSISTANT APPLICATION
TEAM LEADER	CHANDRAKANTH.G
TEAM MEMBERS	BHARANI.V
	JEEVANRAJ.S
	KISHOR.S

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





2. Create a docker file for the jobportal application and deploy it in Docker desktop application.

```
FROM python:3.8-buster

WORKOIR /app

COPY requirements.txt /app/

RUN pip install -r requirements.txt

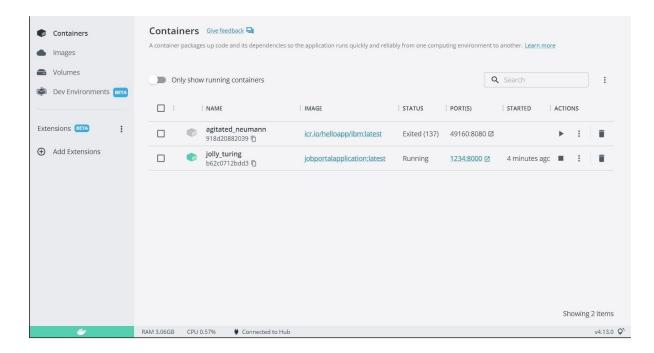
COPY . /app/

RUN cp .env.dev.sample .env

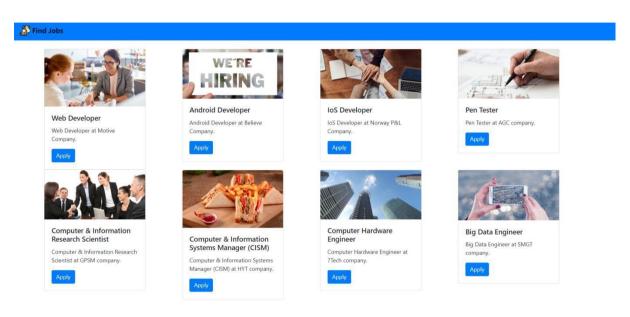
EXPOSE 8808

RUN chmod +x entrypoint.sh

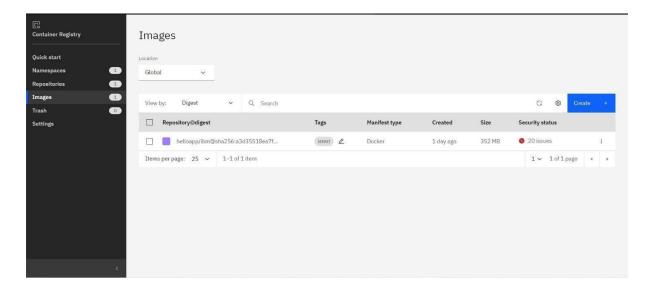
CMD ["sh", "entrypoint.sh"]
```



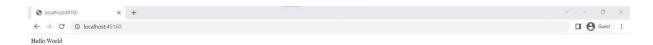
OUTPUT



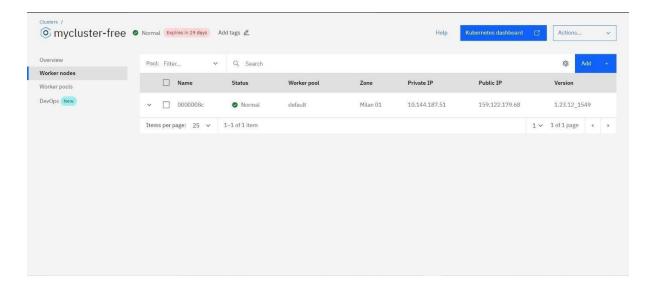
3. Create a IBM container registry and deploy hello world app or job port app.



OUTPUT



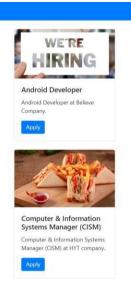
4. Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport.

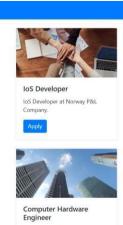


OUTPUT









Computer Hardware Engineer at 7Tech company.



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Pen Tester at AGC company.