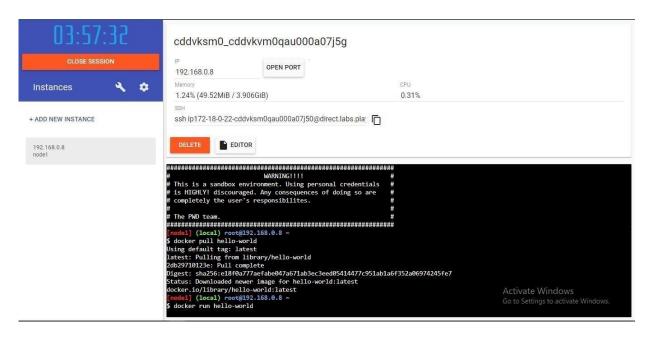
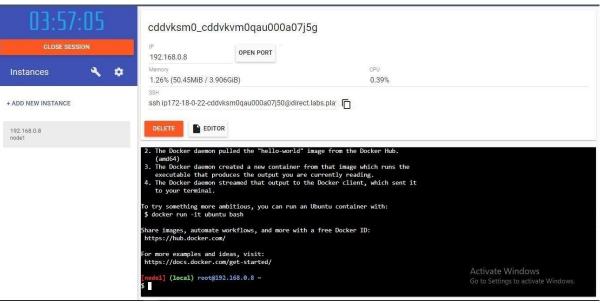
## **Assignment-4**

AssignmentDate	12November2022
	Muthusubramanian.M,Pradesh.B,Vignesh .D,Sree prakash.M
IBM ID	PNT2022TMID22332

 $1. \ \ Pullanimage from docker huban drunit in docker play ground:$ 





2. Createadockerfileforthejobportalapplication and deployitinDockerdesktopapplication.

```
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

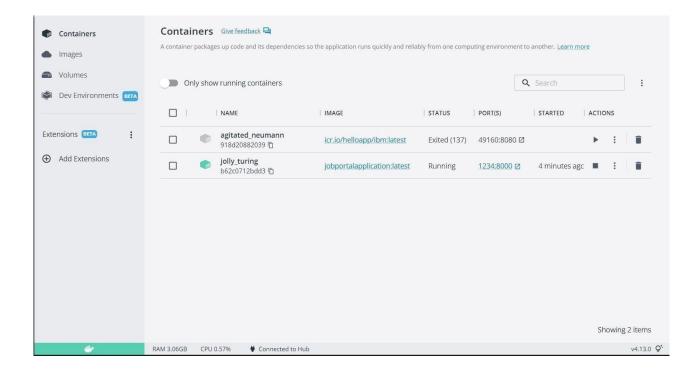
EXPOSE 8000

RUN chmod +x entrypoint.sh

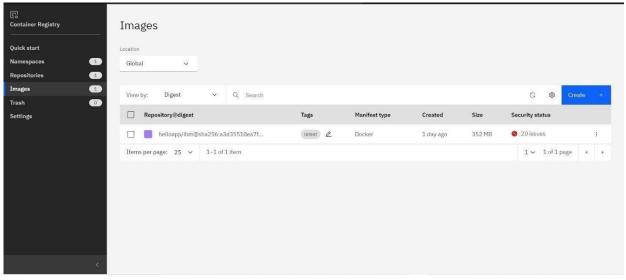
CMD ["sh", "entrypoint.sh"]
```

**DOCKERFILE** 

## DEPLOYMENTOFJOBPORTALAPPLICATION:



3. CreateaIBMcontainerregistryanddeployhelloworldapp.IBMCONTAINERREGISTRYDEP LOYMENT:



## **OUTPUT:**



4. CreateaKubernetesclusterinIBMcloudanddeployhelloworldimageorjobportalimageandalso expose thesameapp torun in nodeport.

Creating kubernetes cluster in IBM cloud and exposing node port:

