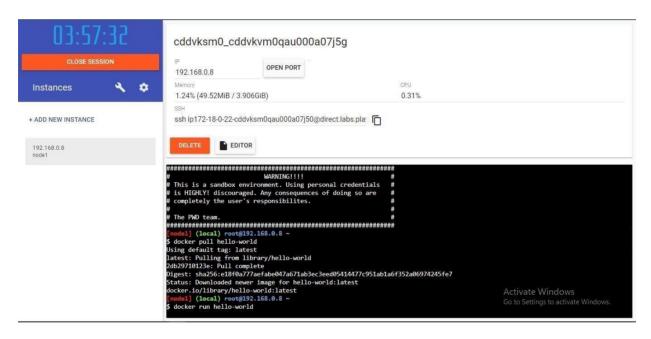
## **Assignment-4**

AssignmentDate	12November2022
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IBM ID	PNT2022TMID22332

1. Pullanimagefromdockerhubandrunitindockerplayground:





2. Createadockerfileforthejobportalapplication and deployitinDockerdesktopapplication.

```
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

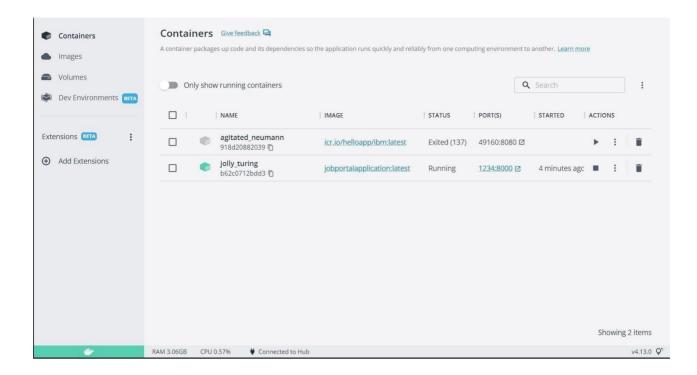
EXPOSE 8000

RUN chmod +x entrypoint.sh

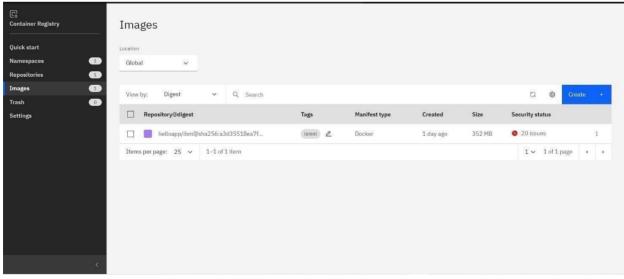
CMD ["sh", "entrypoint.sh"]
```

**DOCKERFILE** 

## DEPLOYMENTOFJOBPORTALAPPLICATION:



3. CreateaIBMcontainerregistryanddeployhelloworldapp.IBMCONTAINERREGISTRYDEP LOYMENT:



## **OUTPUT:**



4. CreateaKubernetesclusterinIBMcloudanddeployhelloworldimageorjobportalimageandalso expose thesameapp torun in nodeport.

CreatingkubernetesclusterinIBMcloudandexposingnodeport:

