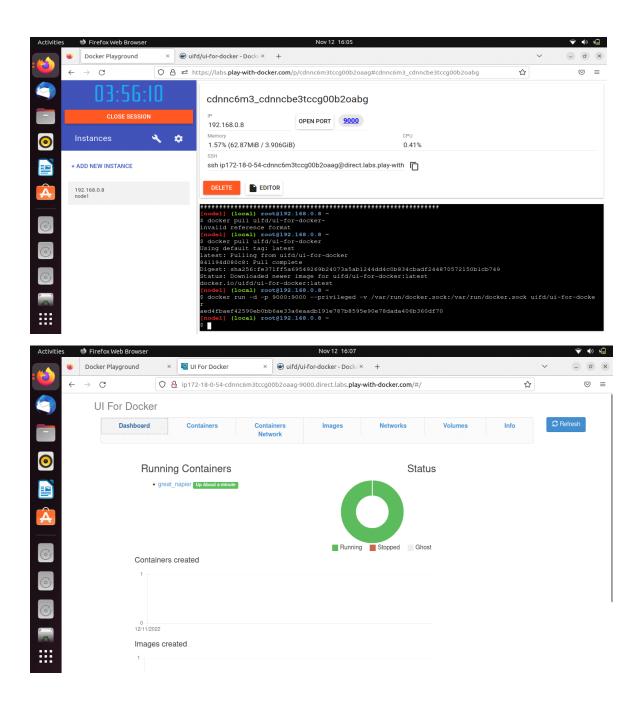
### **ASSIGNMENT – 4**

## KEERTHI SELVAKUMAR PNT2022TMID27807

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## 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.

### **Dockerfile:**

FROM python:3.6

WORKDIR /app

ADD . /app

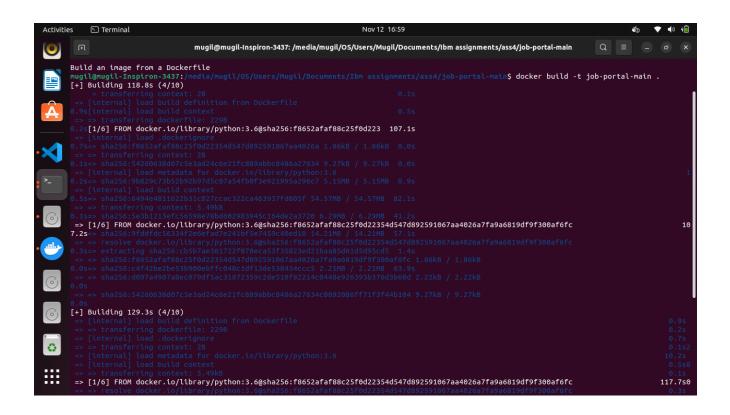
COPY requirements.txt /app

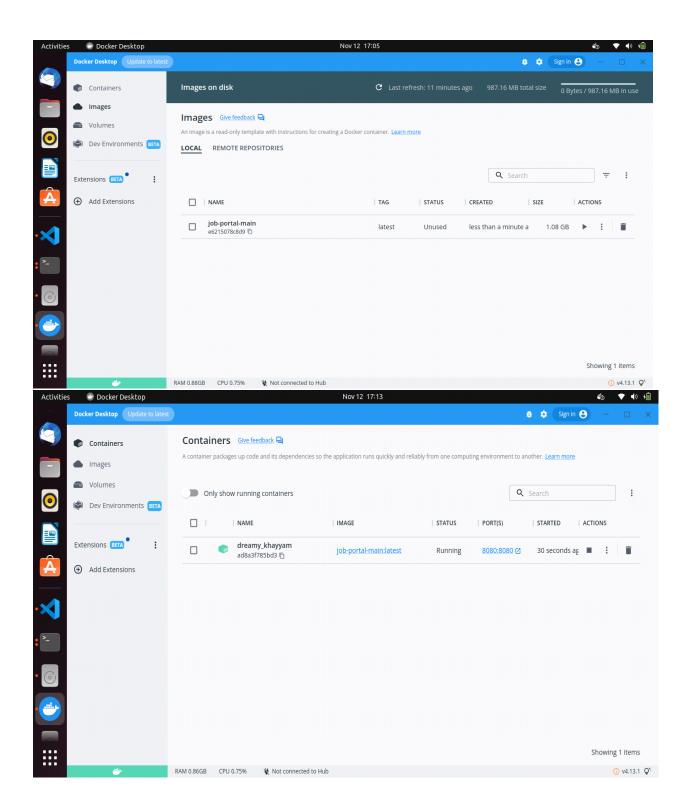
RUN python3 -m pip install -r requirements.txt

RUN python3 -m pip install ibm\_db

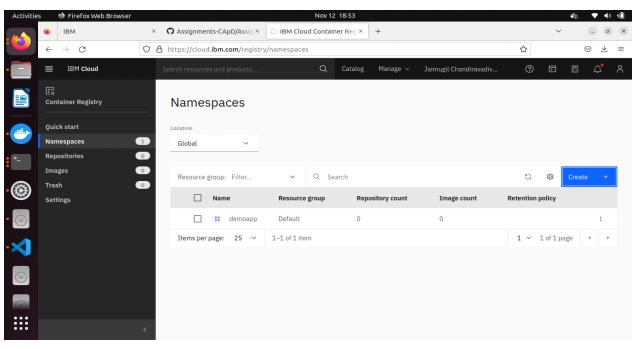
**EXPOSE 5000** 

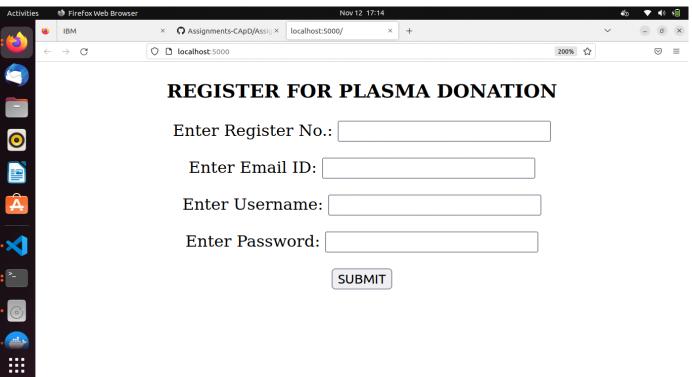
CMD ["python", "app.py"]

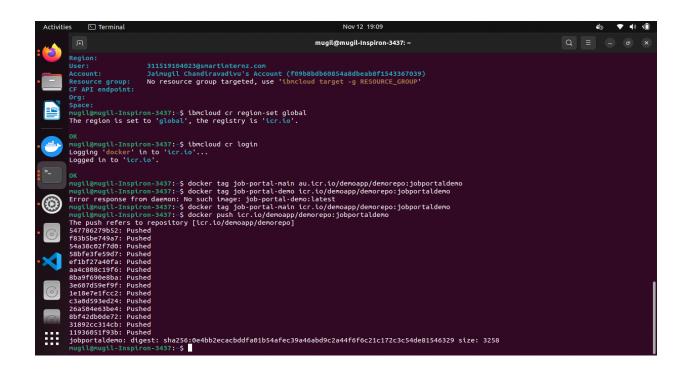


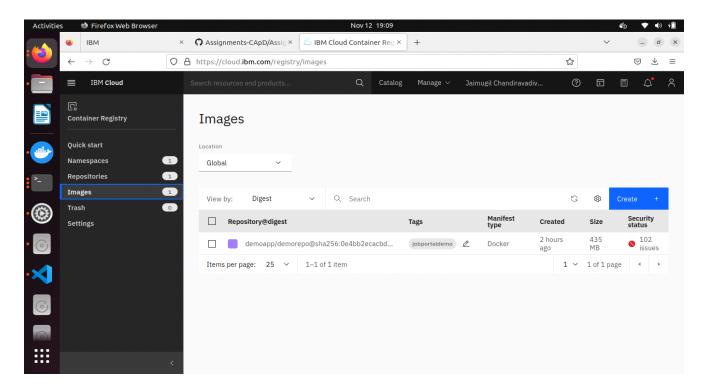


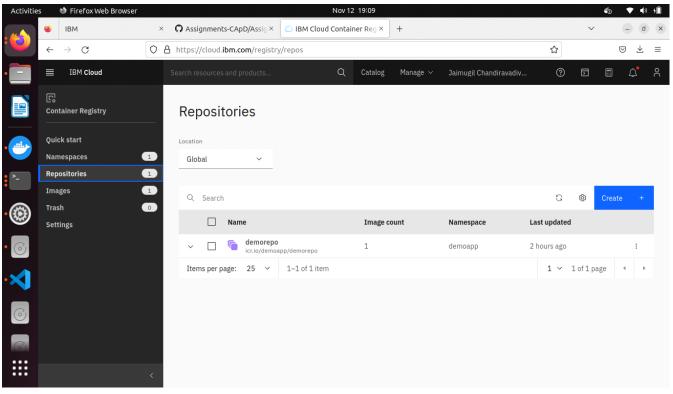
# 3. Create a IBM container registry and deploy helloworld app or jobportalapp.

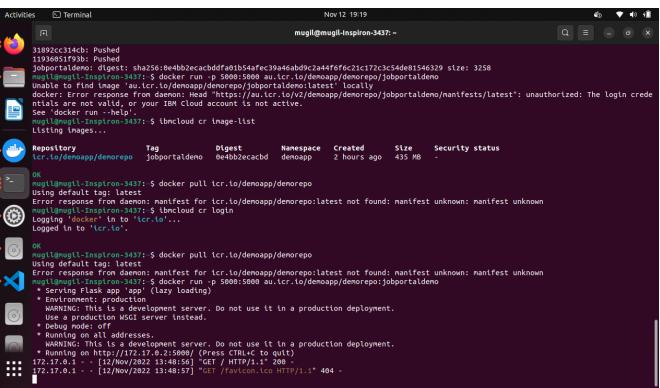


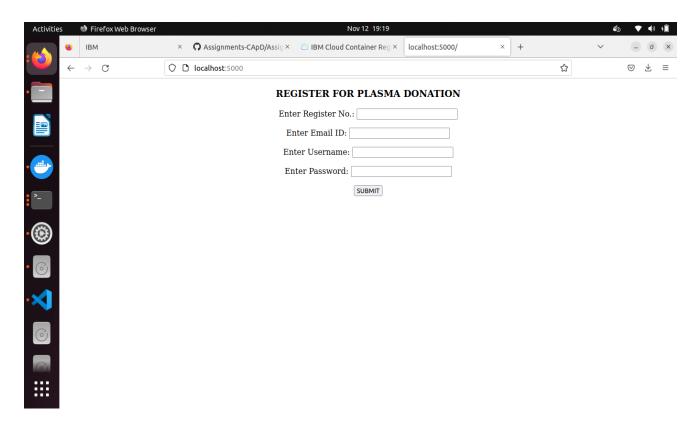












4.Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport.

