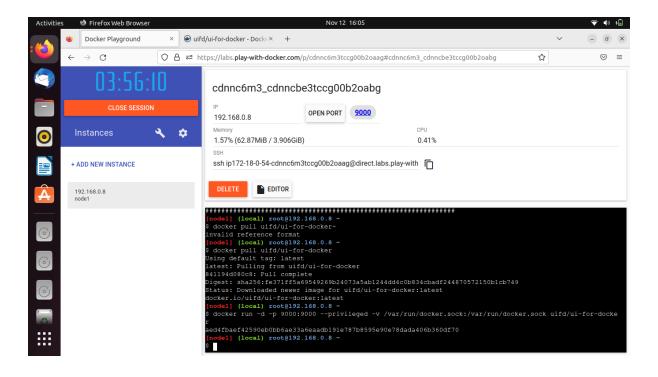
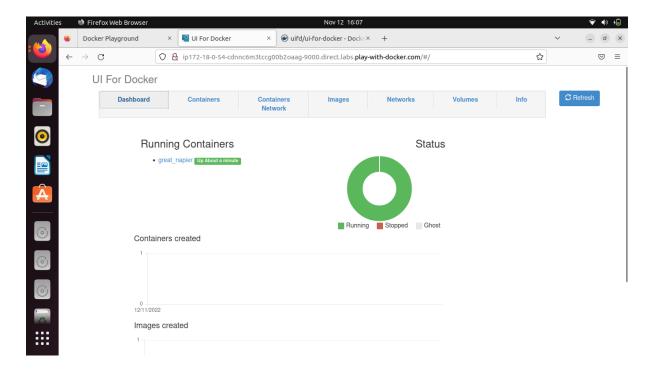
ASSIGNMENT-4

Studentname	Jaimugil. C		
Student Roll number	311519104023		
Student team ID	PNT2022TMID27815		

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

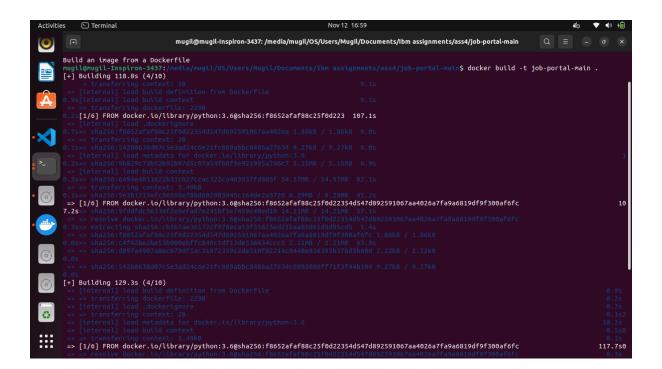
COPY requirements.txt/app

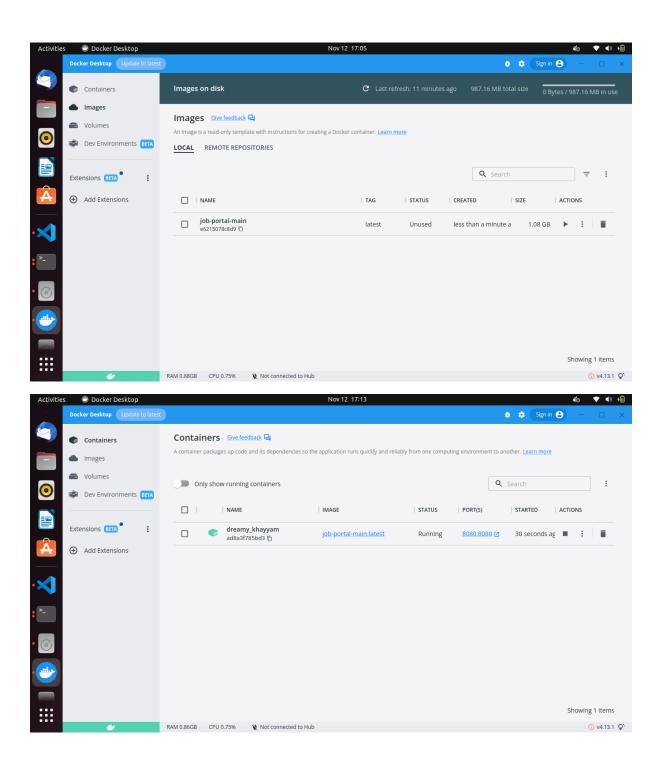
RUN python3 -m pip install -r requirements.txt

RUN python3 -m pip install ibm_db

EXPOSE 5000

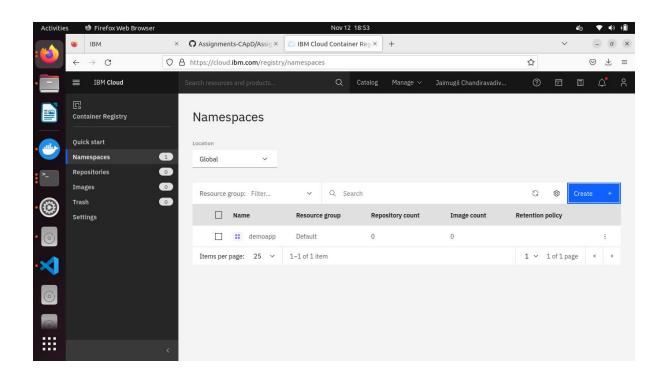
CMD ["python", "app.py"]

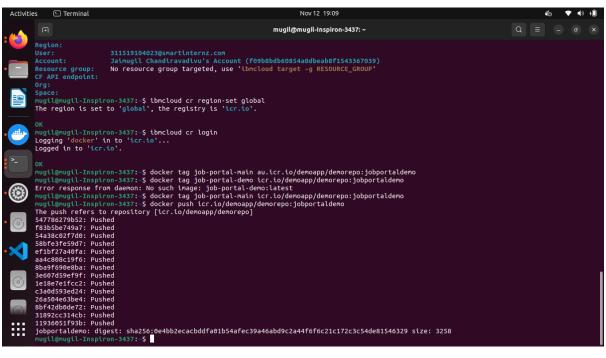


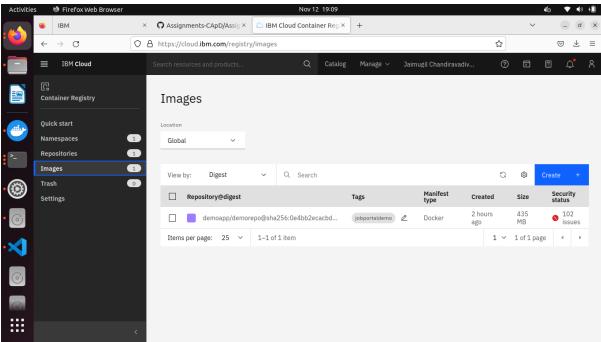


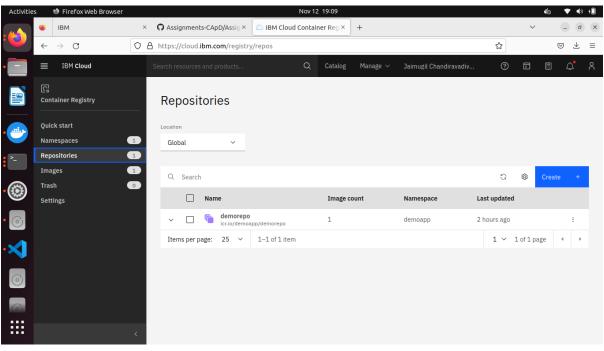
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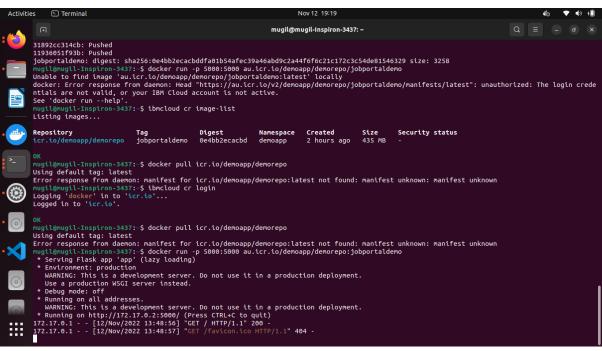
3. Create a IBM container registry and deploy helloworld app or jobportalapp.

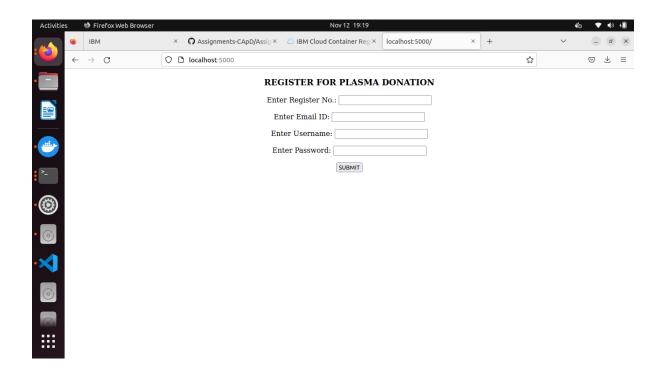




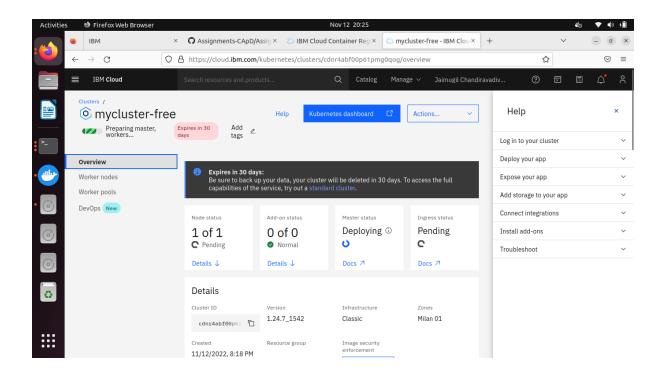


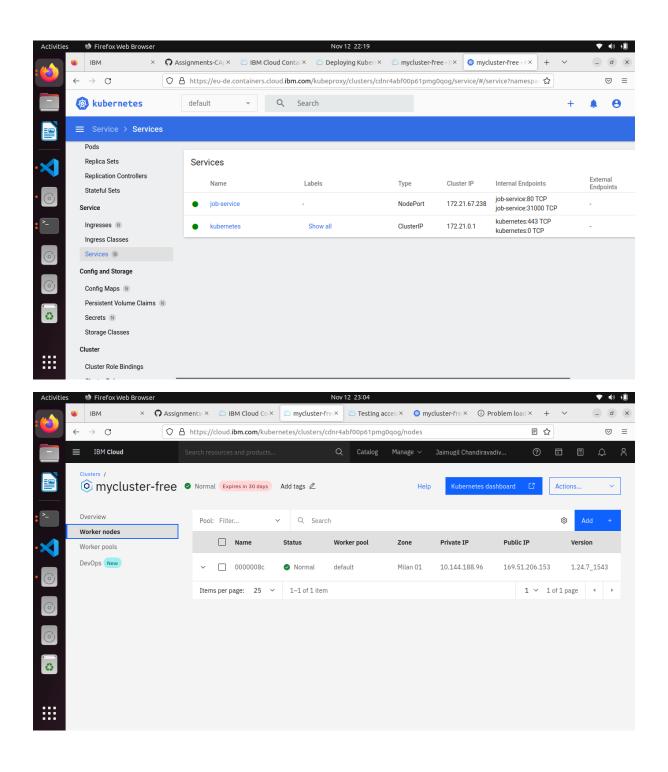


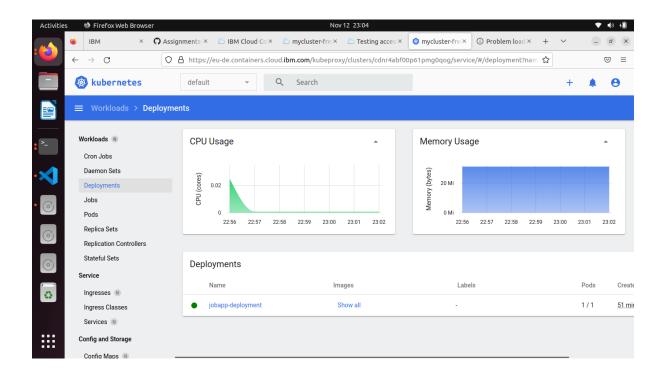




4. Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport.







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