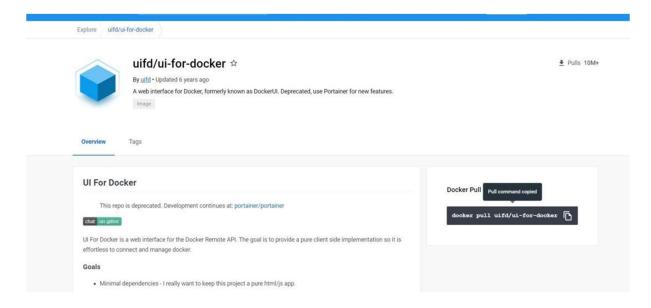
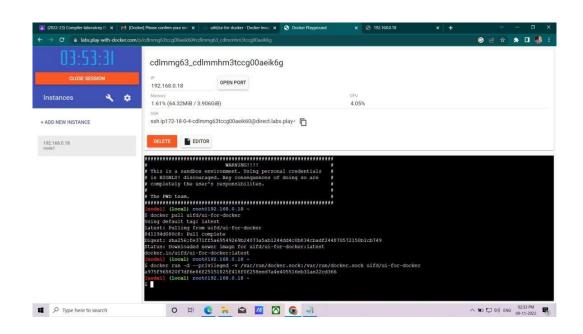
Assignment -4

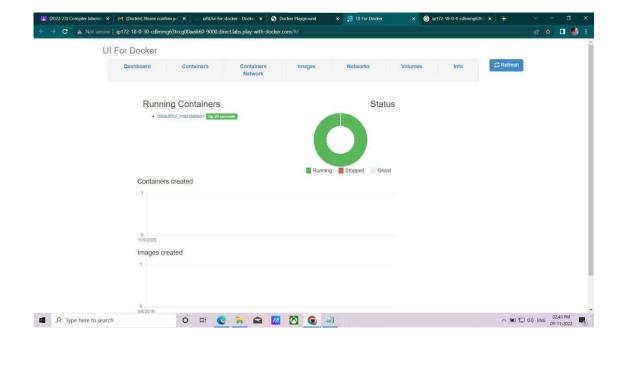
Docker and Kubernetes

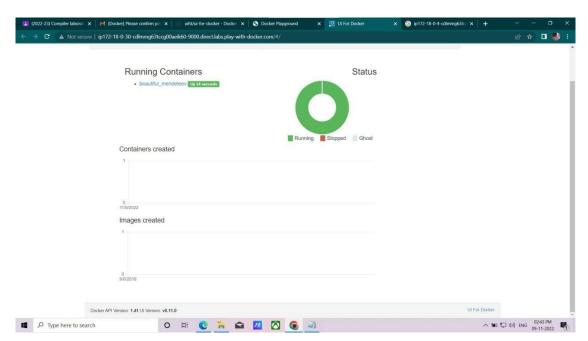
Assignment Date	21 October 2022
Student Name	Harsha Vardhan Yerneni
Student Roll Number	CITC19 05 084
Maximum Marks	2 Marks

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









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

```
FROM python

WORKDIR /ibmlast

COPY requirements.txt requirements.txt

RUN /usr/local/bin/python -m pip install --upgrade pip

RUN /usr/local/bin/python -m pip install ibm_db

RUN /usr/local/bin/python -m pip install flask

ENV IBM_DB_HOME /ibmlast/db2_license/licenses/clidriver

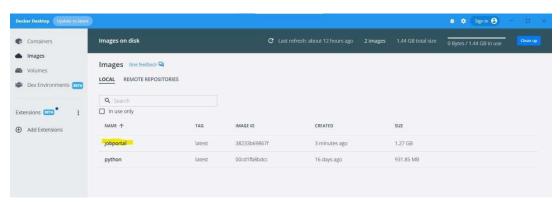
ENV LD_LIBRARY_PATH /ibmlast/db2_license/clidriver/lib:$LD_LIBRARY_PATH

EXPOSE 5000

COPY . .

CMD [ "python3", "-m" , "flask", "--debug", "run"]
```





C:\Users>docker run -d -p 5000:5000 jobportal 9871739a2ab7c15ed9bbe2431037be7d3612d9b2407ce771eb47250e630eae84 C:\Users>_





Registration



3. Create a IBM container registry and deploy helloword app or jobportal

