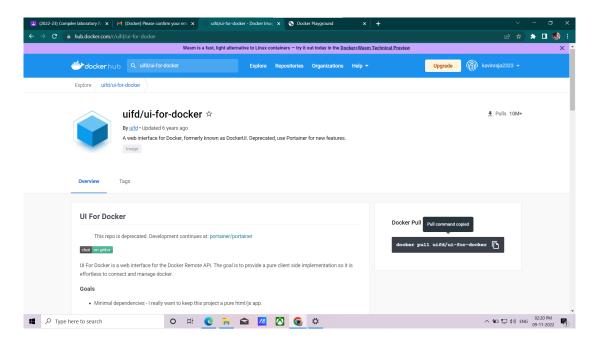
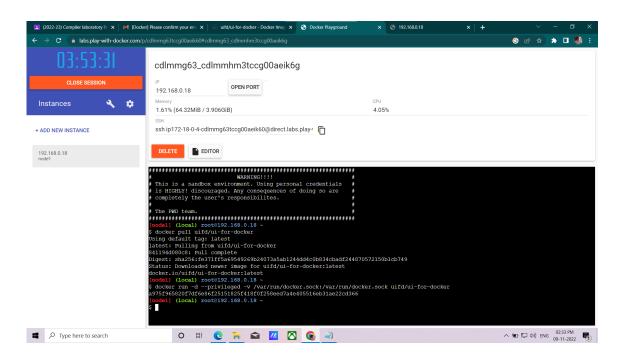
Assignment -4

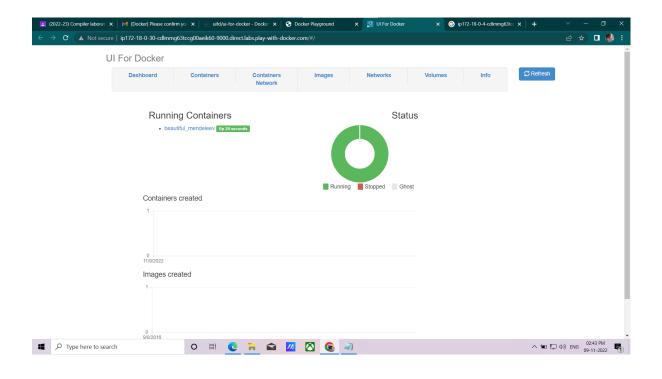
Docker and Kubernetes

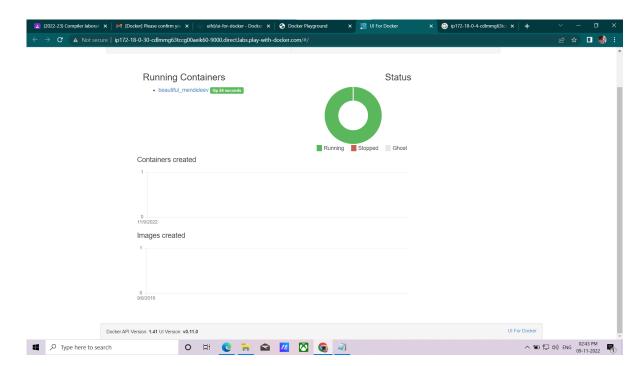
Assignment Date	21 October 2022
Student Name	KAVINRAJA R
Student Roll Number	CITC1905023
Maximum Marks	2 Marks

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

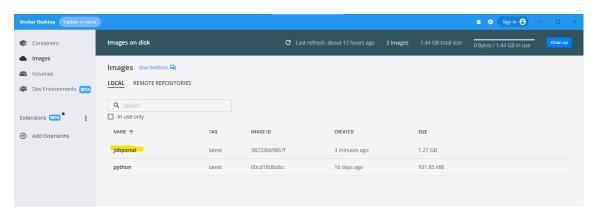
ENV LD_LIBRARY_PATH /ibmlast/db2_license/licenses/clidriver/lib:$LD_LIBRARY_PATH

EXPOSE 5000

COPY . .

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





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

Containers Give feedback ☐ A container packages up code and its dependence	ties so the application runs quickly and reliably from one computing environmen	nt to another. <u>Learn more</u>			
Only show running containers				Q Search	:
□ NAME	IMAGE	STATUS	PORT(S)	STARTED ACTIONS	
fervent_kepler 9871739a2ab7 🗇	jobportal·latest]	Running	5000:5000 🗷	23 seconds ag	Î
□ □ Document × ← ♂ ① 127.0.0.1:5000	+				

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

