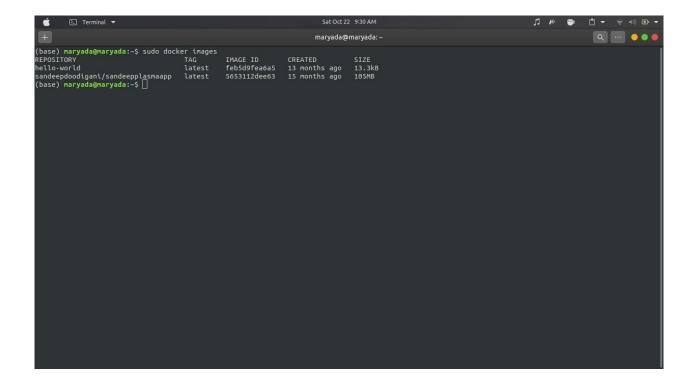
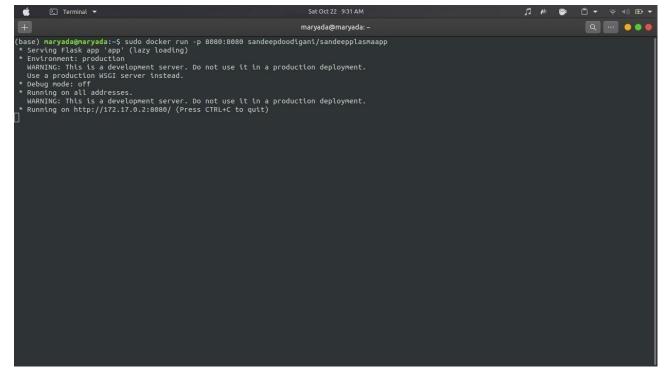
## **ASSIGNMENT - 4**

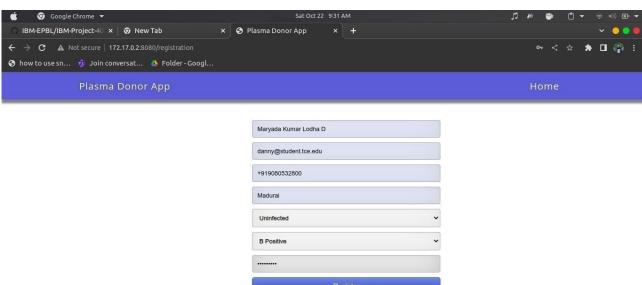
DATE	10 November 2022
TEAM ID	PNT2022TMID46635
PROJECT NAME	PROJECT – PLASMA DONOR APPLICATION

## 1. Pull an Image from docker hub and run it in docker playground.

Pulled sandeepdoodigani/plasmaapplication and running in docker:

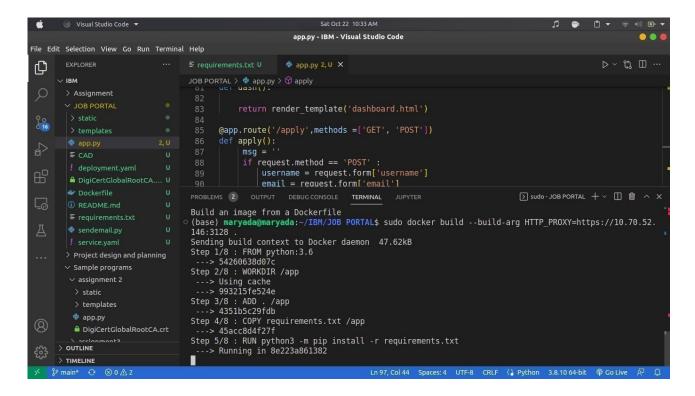


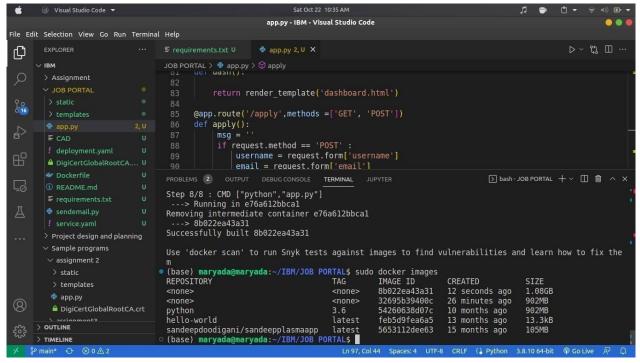


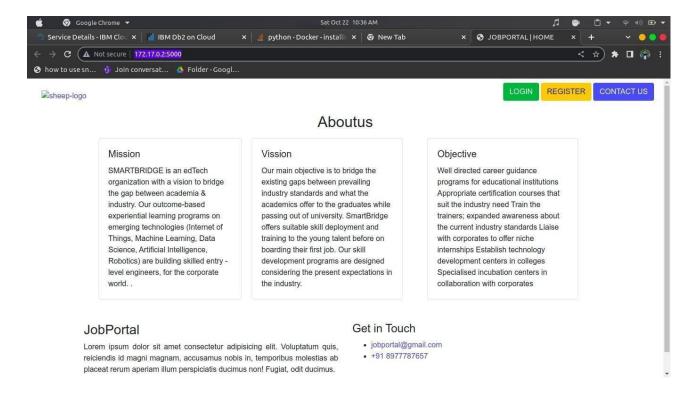


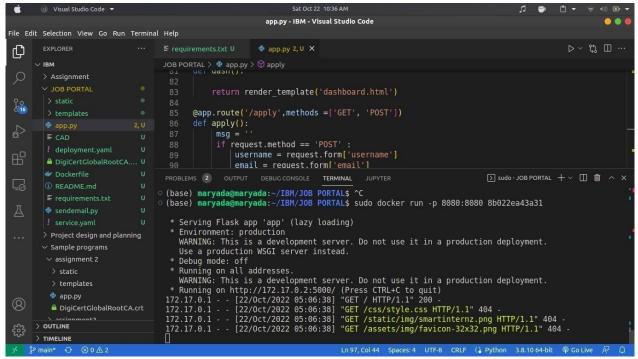
## 2. Create a docker file for the jobportal application and deploy it in Docker desktop application.

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"]

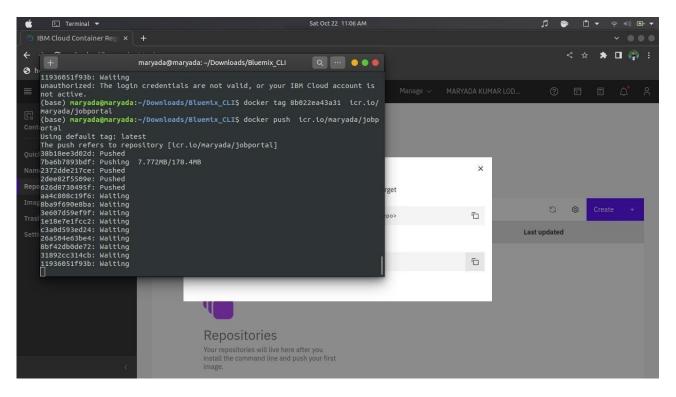


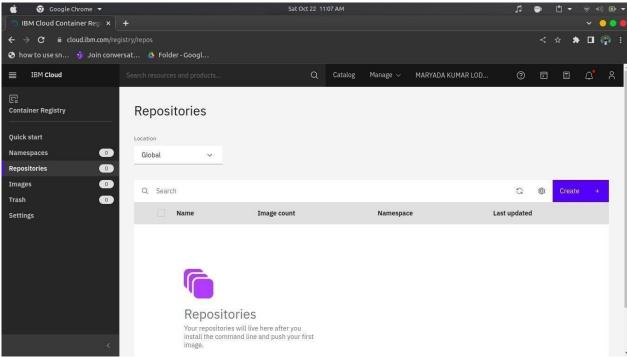


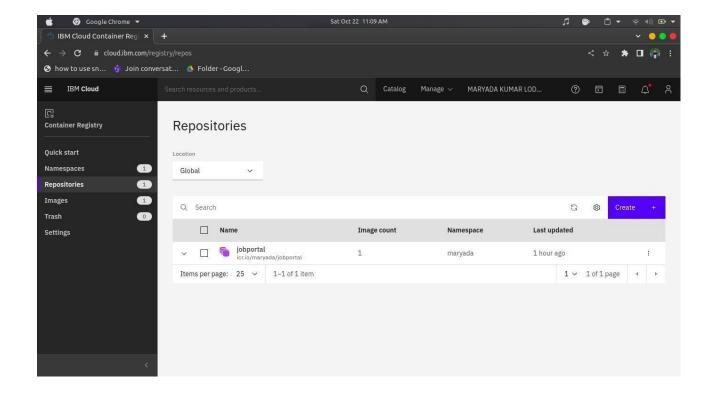




3. Create a IBM container registry and deploy helloworld app or jobportal app.







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.

