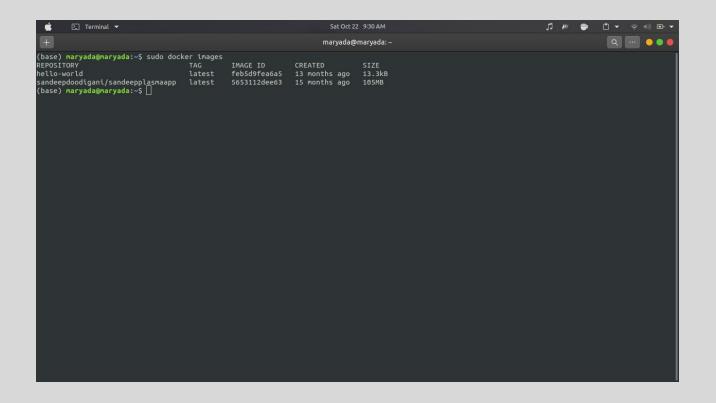
Assignment 4

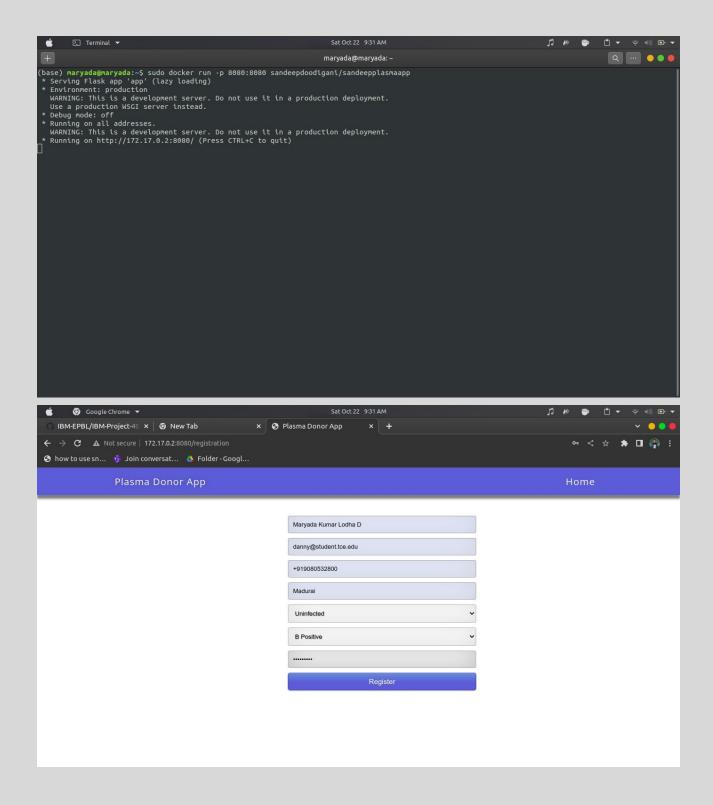
Submitted by,

TeamID:PNT2022TMID34537

- 1. N. Selva Nancy
- 2. M. Shiny
- 3. R. Lenitha
- 4. P. Mahalakshmi
- 1. Pull an Image from docker hub and run it in docker playground:

Pulled sandeepdoodigani/plasmaapplication and running in docker:



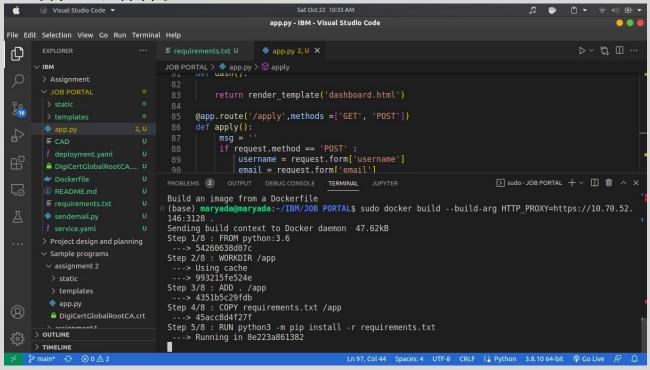


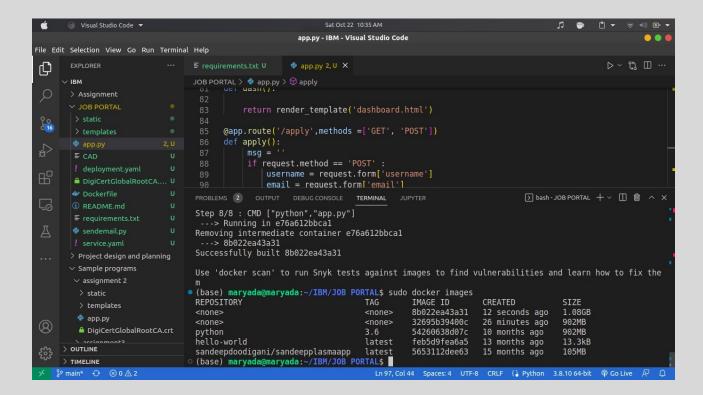
2.Create a docker file for the Job portal application and deploy it in Docker desktop application.

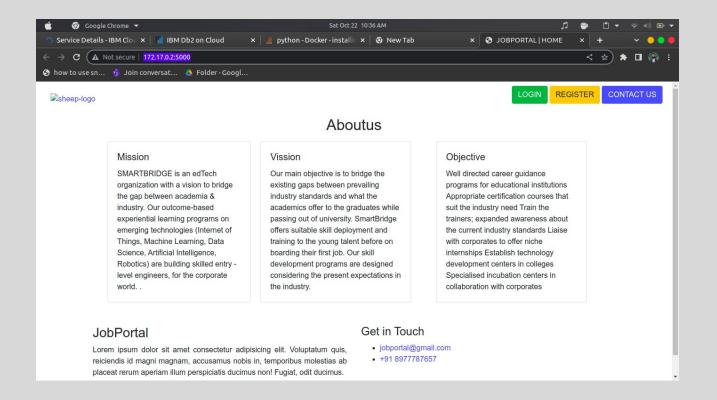
Dockerfile:

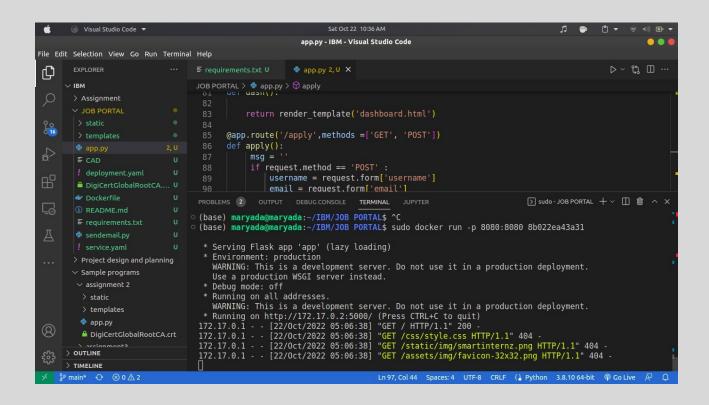
FROM python:3.6
WORKDIR/app
ADD./app
COPY requirements.txt /app
RUN python3 -m pip install -r requirements.txt
RUN python3 -m pip install ibm_db
EXPOSE 5000

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

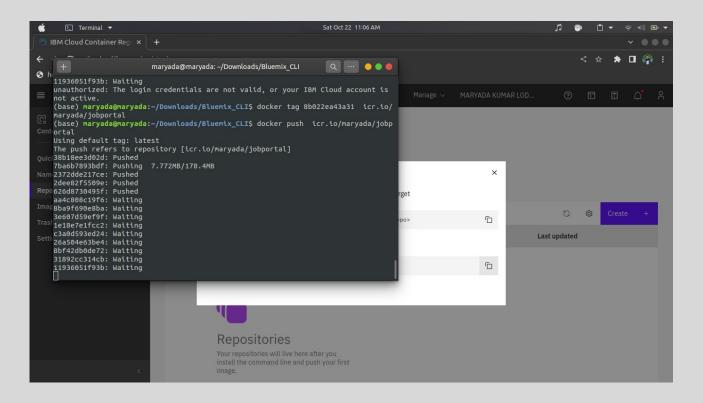


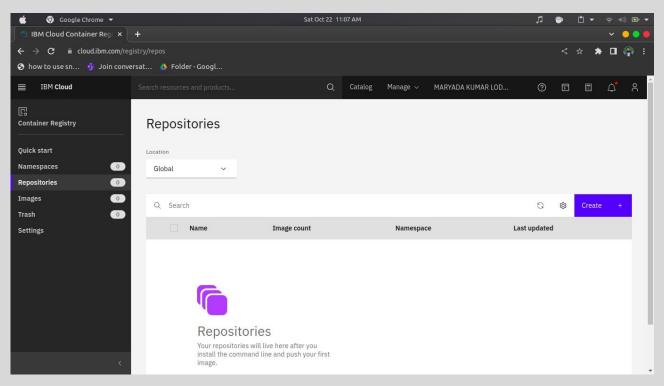


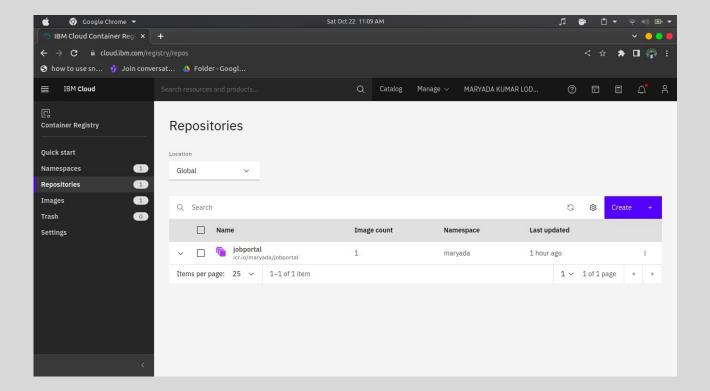




3.Create an IBM container registry and deploy helloworld app or Job portal app.







4.Create a Kubernetes cluster in IBM cloud and deploy helloworld image or Job portal image and also expose the same app to run in node port.

