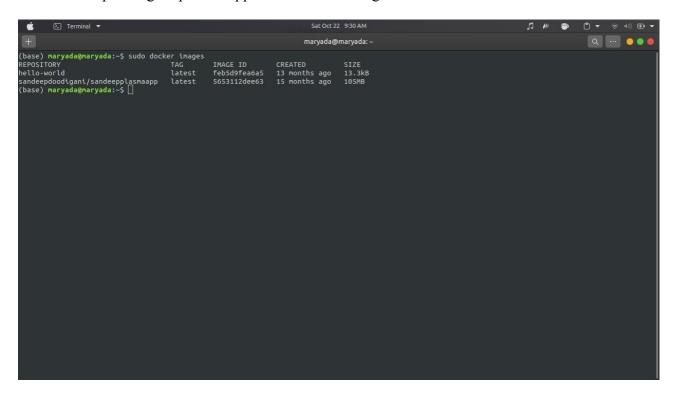
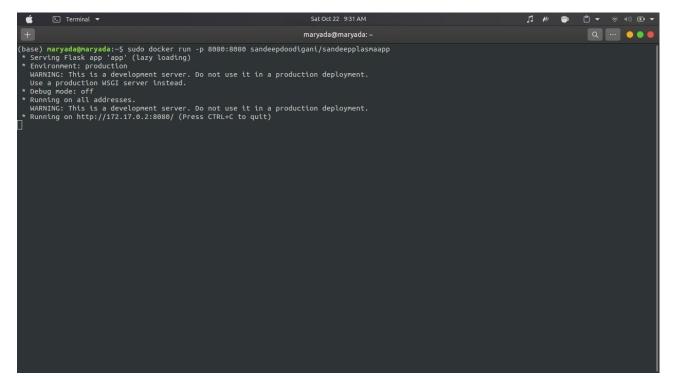
### **Assignment-4**

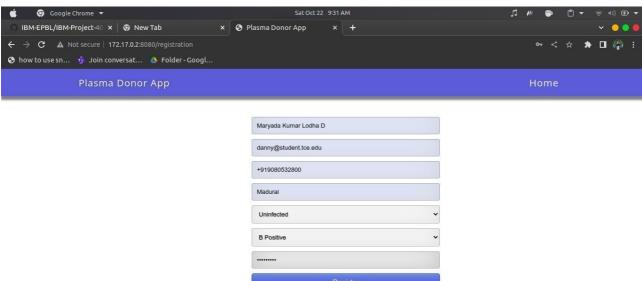
Assignment Date	11.11.2022
Student Name	SURESH PRABHU R
Team ID	PNT2022TMID13363
Student Roll Number	951919CS104
Maximum Mark	2 MARKS

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

Pulledsandeepdoodigani/plasma application and running in docker:



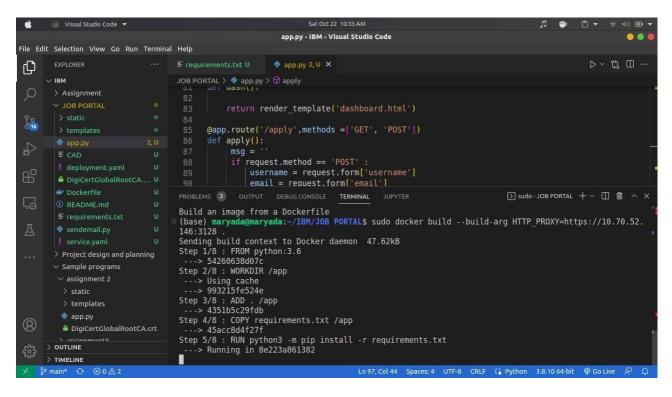


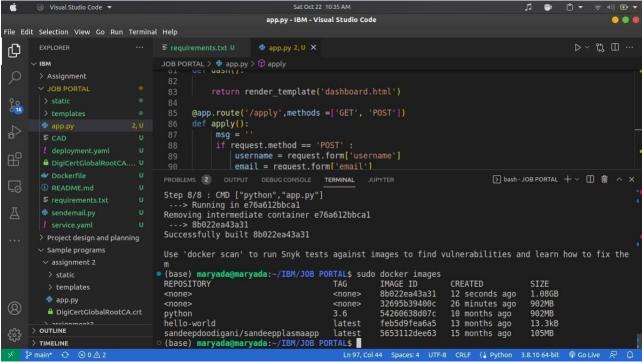


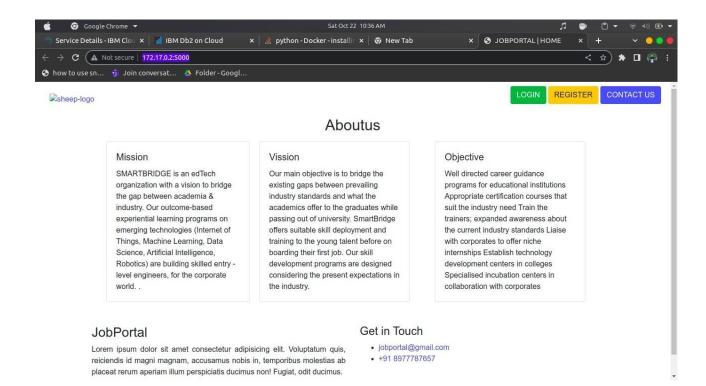
# 2. Create a docker file for the job portal application and deployitin Docker desktop application.

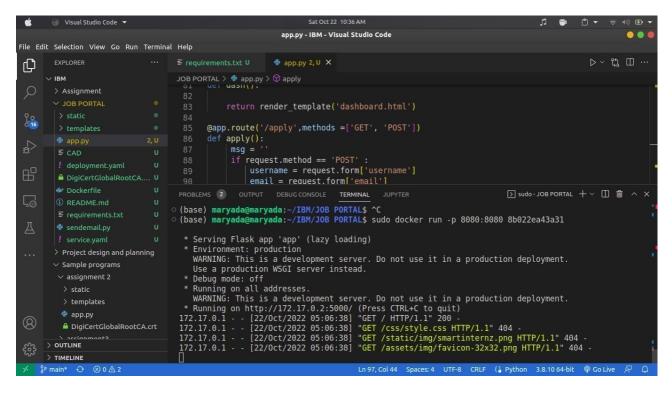
Dockerfile:
FROM
python:3.6WOR
K DIR /appADD.
/app
COPYrequirements.txt/app
RUN python3 -m pip install -r
requirements.txtRUNpython3 mpipinstallibm\_db
EXPOSE5000

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

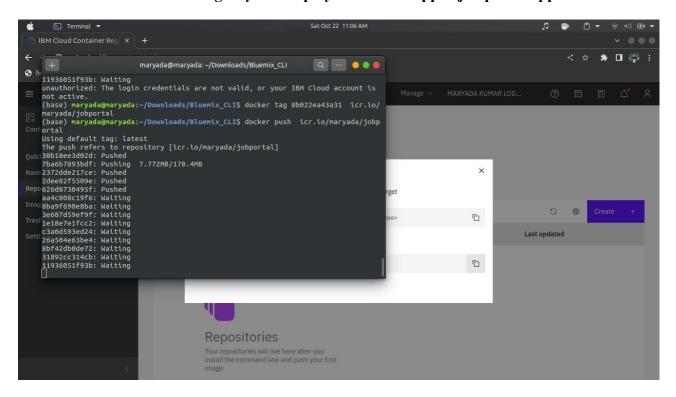


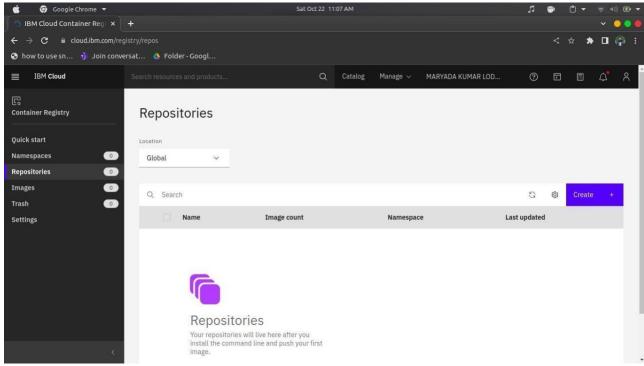


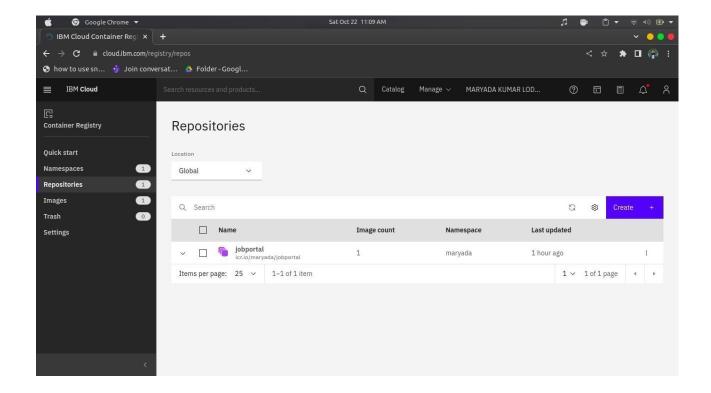




### 3. Create a IBM container registry and deploy helloworld appor job portal app.







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.

