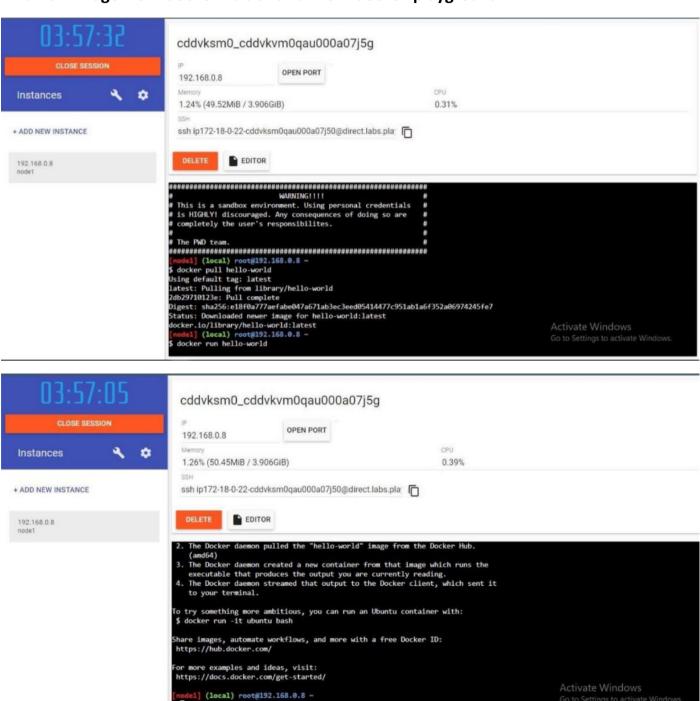
# **ASSIGNMENT 4**

Project Name	Plasma Donor Application
Student Name	Divya G S
Register No.	727719EUIT044

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

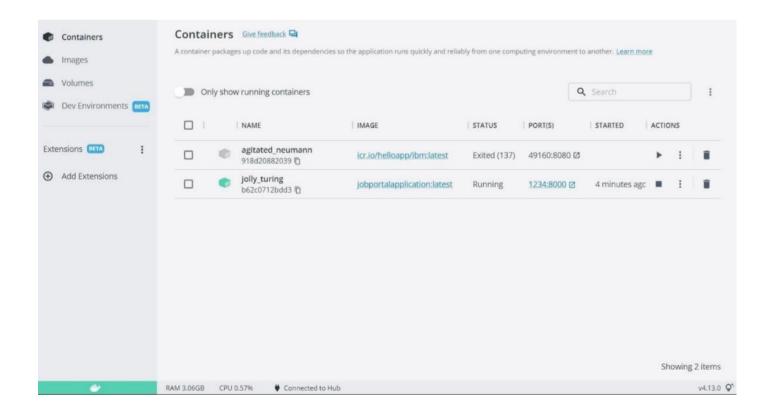


2.Create a docker file for the jobportal application and deploy it in Docker desktop application.

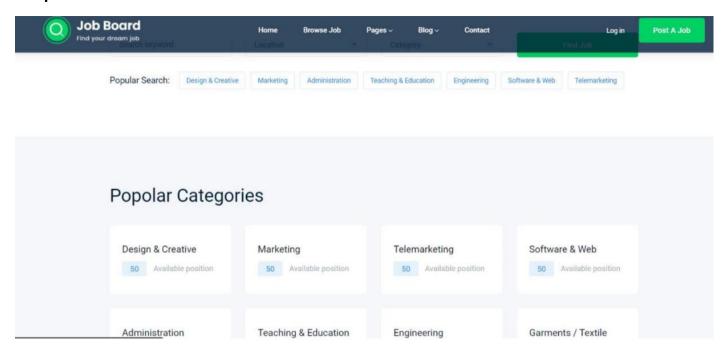
#### Docker file:

```
1 FROM python:3.8-buster
2
3 WORKDIR /app
4
5 COPY requirements.txt /app/
6
7 RUN pip install -r requirements.txt
8
9 COPY . /app/
10
11 RUN cp .env.dev.sample .env
12
13 EXPOSE 8000
14
15 RUN chmod +x entrypoint.sh
16
17 CMD ["sh", "entrypoint.sh"]
```

### Deployment of job portal application:

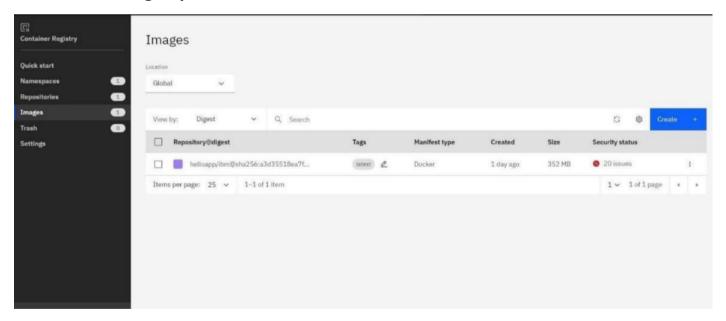


### **Output:**

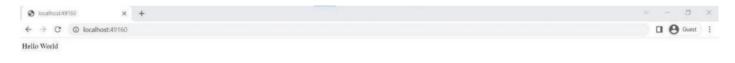


# 3.Create a IBM container registry and deploy helloworld app or jobportalapp.

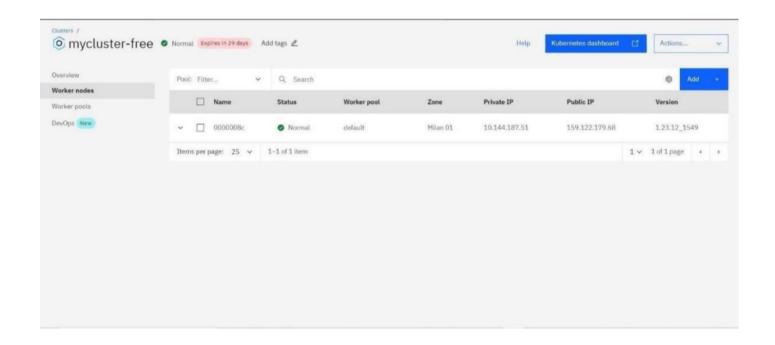
### IBM container registry:



### **Output:**



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.



## **Output:**

