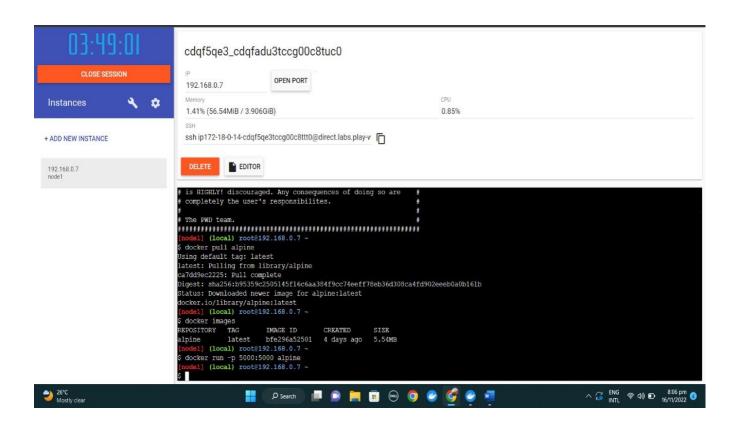
Assignment 4

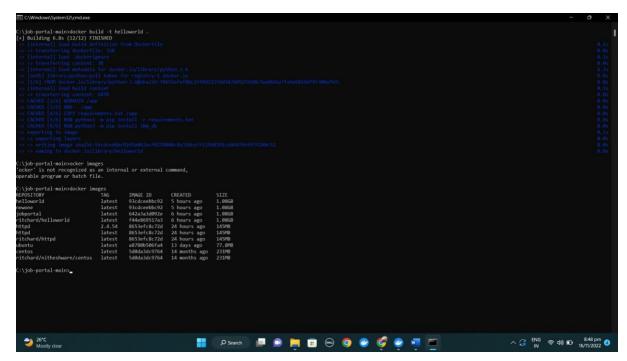
Date	12 November 2022
Team ID	PNT2022TMID47421
Project Name	Smart fashion Recommender application
Maximum marks	2 marks

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

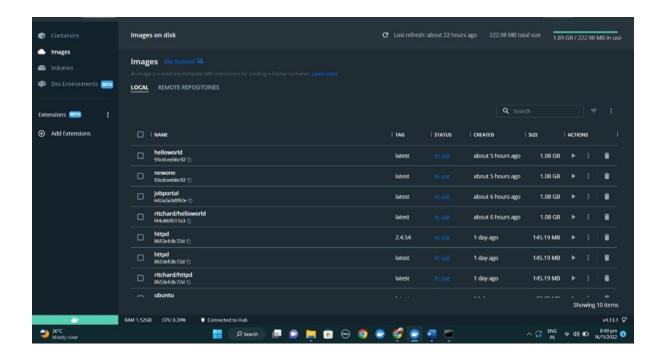
Building the image hello world:



Run:

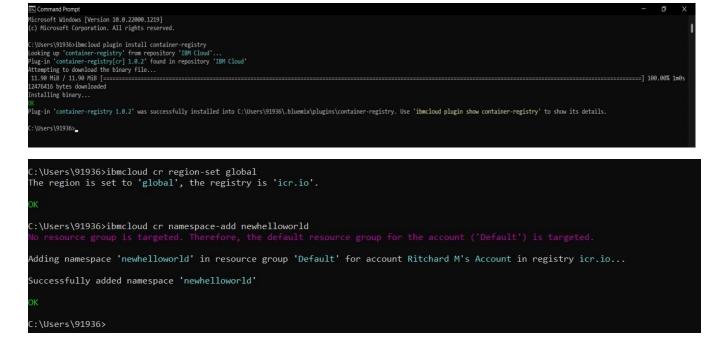
```
C:\Users\nithe\AppData\Local\Programs\Python\Python310\job-portal>docker run -p 8080:8080 helloworld
* Serving Flask app 'app' (lazy loading)
* Environment: production
    WARNING: This is a development server. Do not use it in a production deployment.
    Use a production WSGI server instead.
* Debug mode: off
* Running on all addresses.
    WARNING: This is a development server. Do not use it in a production deployment.
* Running on http://172.17.0.2:5000/ (Press CTRL+C to quit)
```

Docker desktop:



3.CREATE A IBM CONTAINER REGISTRY AND DEPLOY HELLO WORLD APP

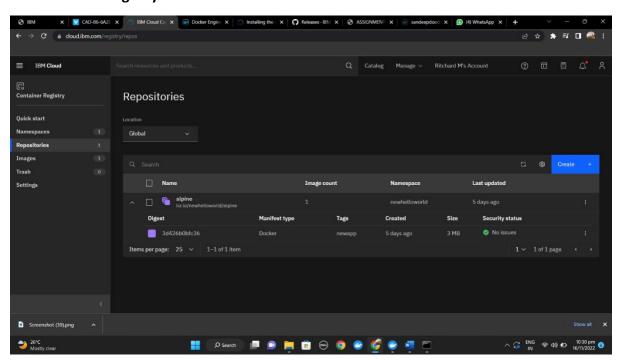
Install container registry and create namespace



Push and Pull image

```
| Section | In to | Section | Secti
```

IBM container registry



4.CREATE A KUBERNETES CLUSTER IN IBM CLOUD AND DEPLOY HELLO WORLD IMAGE OR JOBPORTAL IMAGE AND ALSO EXPOSE THE SAME APP TO RUN IN NODEPORT

Cluster creation

