ASSIGNMENT 4

TEAM ID	**PNT2022TMID50005**
PROJECT NAME	News Tracker Application

Question 1:

Pull an image from docker hub and run it in docker playground.

Question 2:

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

DOCKERFILE:

```
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 JOBPORTAL APPLICATION:

OUTPUT:

Question 3:

Create a IBM container registry and deploy helloworld app or jobportapp.

IBM CONTAINER REGISTRY DEPLOYMENT:

OUTPUT:

Question 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.

CREATING KUBERNETES CLUSTER IN IBM CLOUD AND EXPOSING NODEPORT:

OUTPUT:

Web Developer

Web Developer at Motive Company.

Apply

Android Developer

Android Developer at Believe Company.

Apply

IoS Developer

IoS Developer at Norway P&L Company.

Apply

Pen Tester

Pen Tester at AGC company.

Apply

Computer & Information Research Scientist

Computer & Information Research Scientist at GPSM company.

Apply

Computer & Information Systems Manager (CISM)

Computer & Information Systems Manager (CISM) at HYT company.

Apply

Computer Hardware Engineer

Computer Hardware Engineer at 7Tech company.

Apply

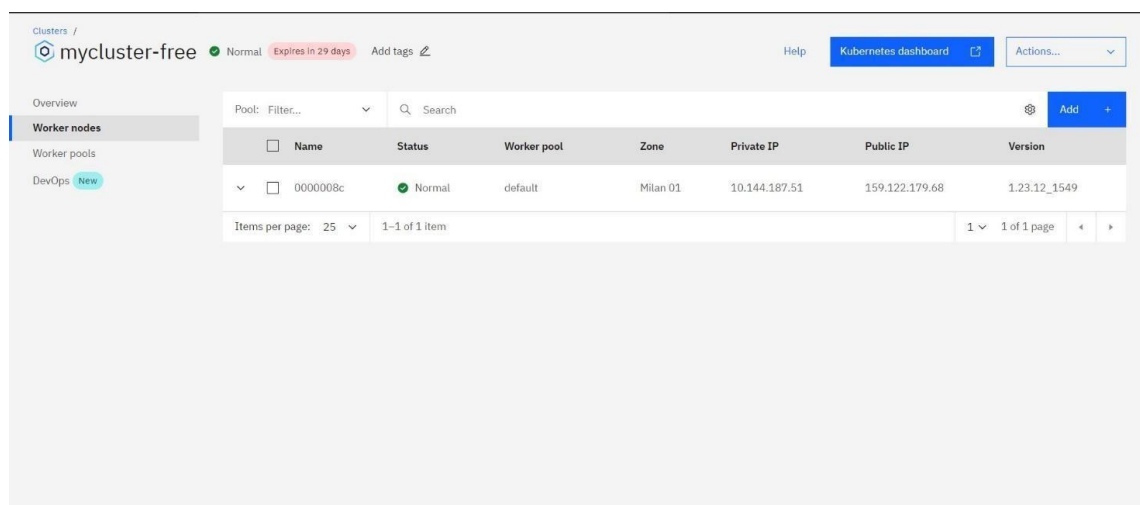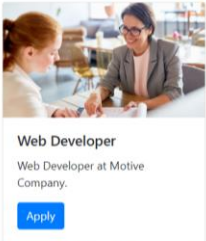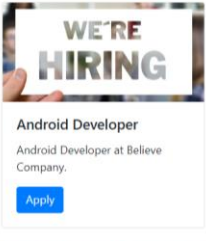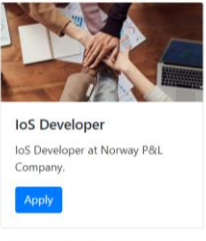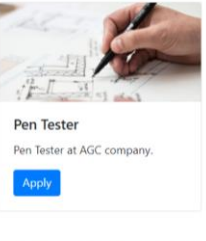**Big Data Engineer**

Big Data Engineer at SMGT company.

Apply