

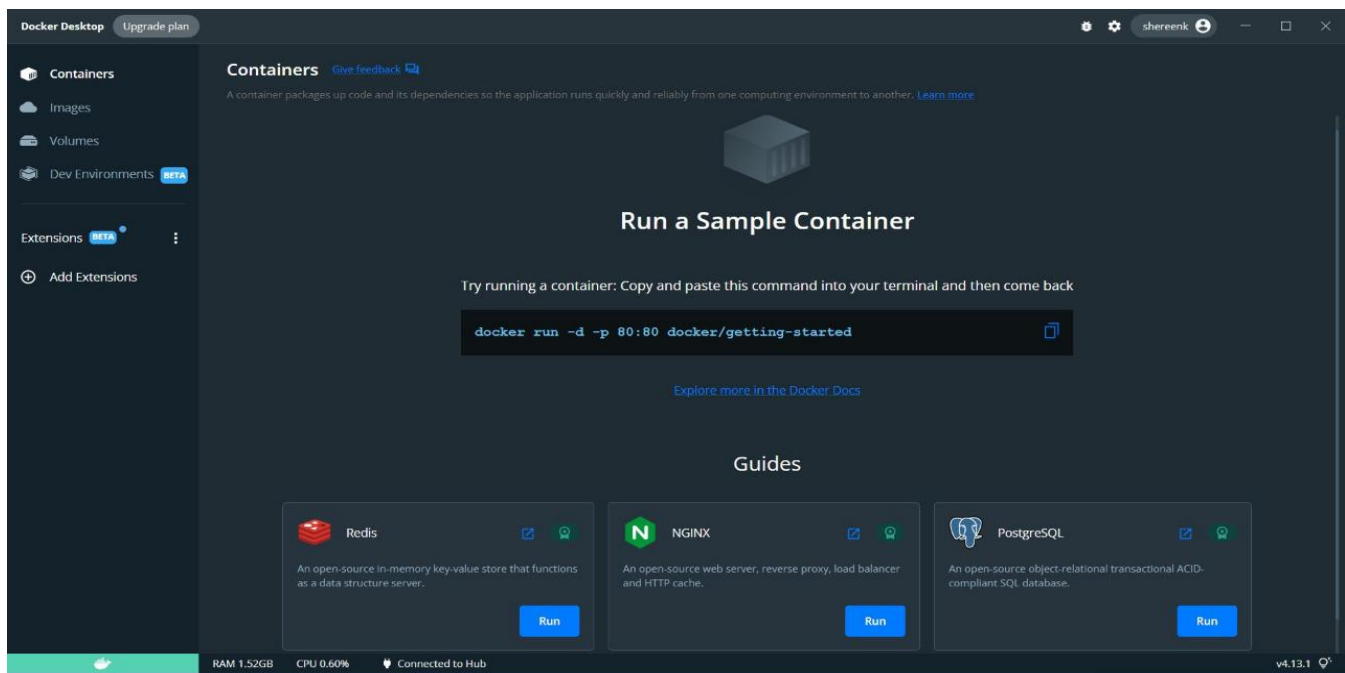
DEPLOYMENT OF APP IN IBM CLOUD

CONTAINERIZE THE APP

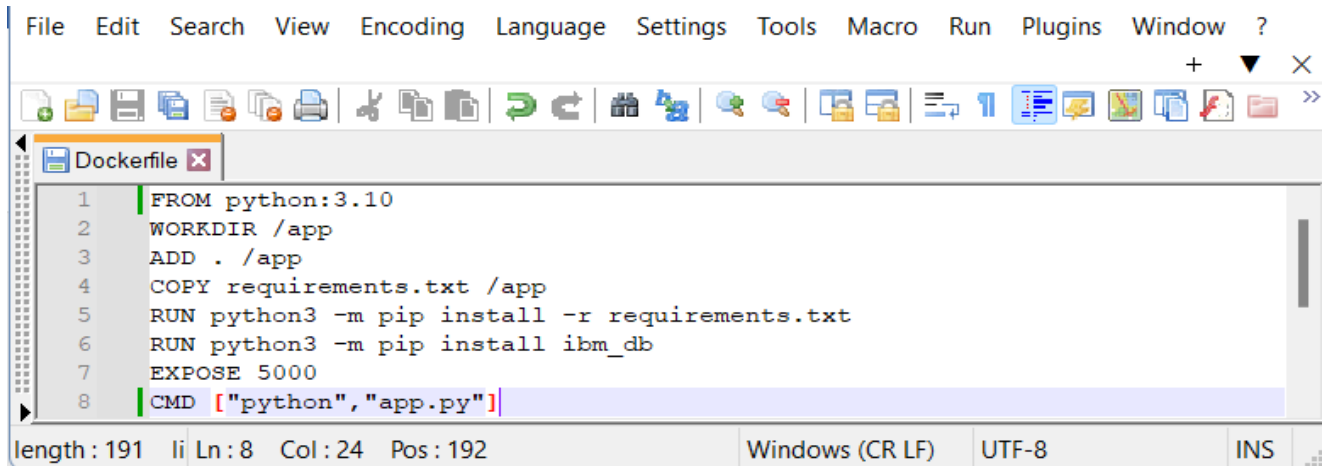
Date	30 October 2022
Team ID	PNT2022TMID54054
Project Name	Smart Fashion Recommender Application
Maximum Marks	4 Marks

CONTAINERIZE THE APP OF DEPLOYMENT:

1. Docker Desktop



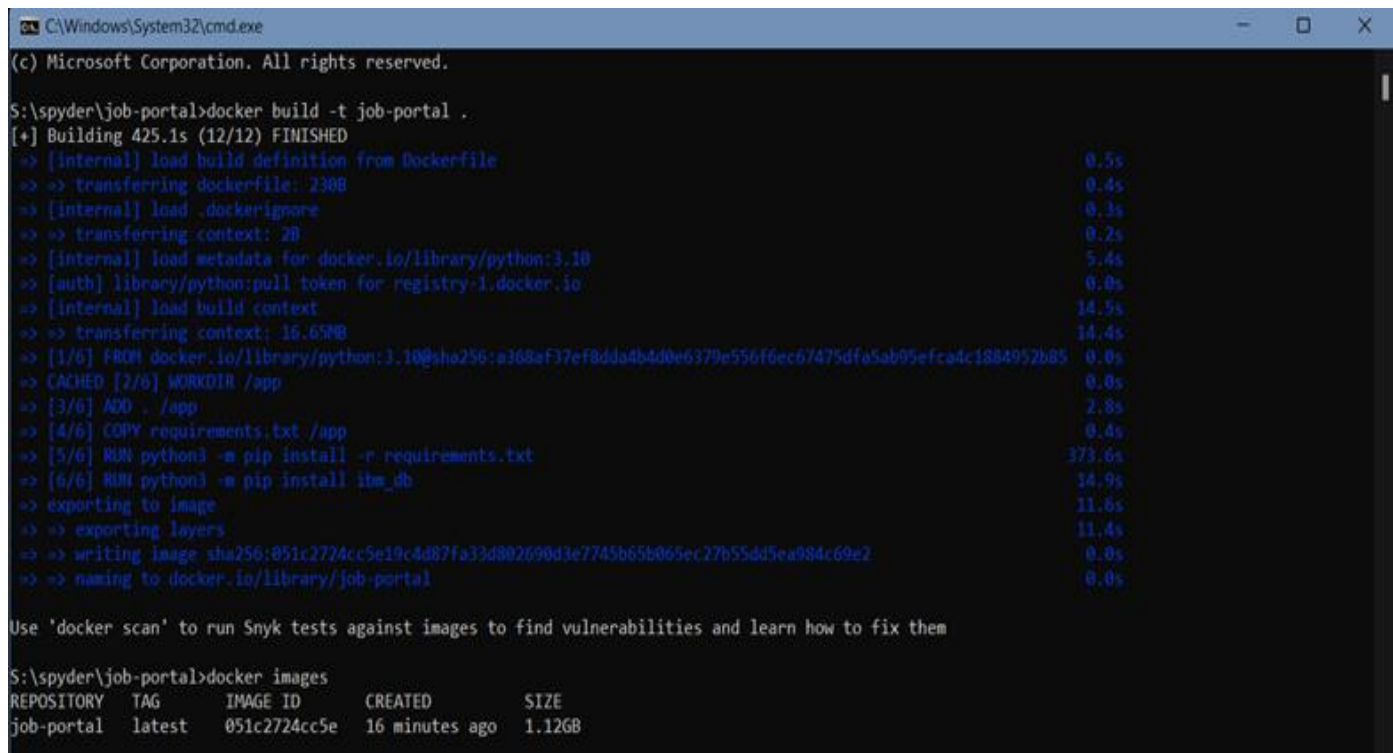
2. Docker File



```
1 FROM python:3.10
2 WORKDIR /app
3 ADD . /app
4 COPY requirements.txt /app
5 RUN python3 -m pip install -r requirements.txt
6 RUN python3 -m pip install ibm_db
7 EXPOSE 5000
8 CMD ["python", "app.py"]
```

length: 191 | Ln: 8 | Col: 24 | Pos: 192 | Windows (CR LF) | UTF-8 | INS

3. Building the Repository Container



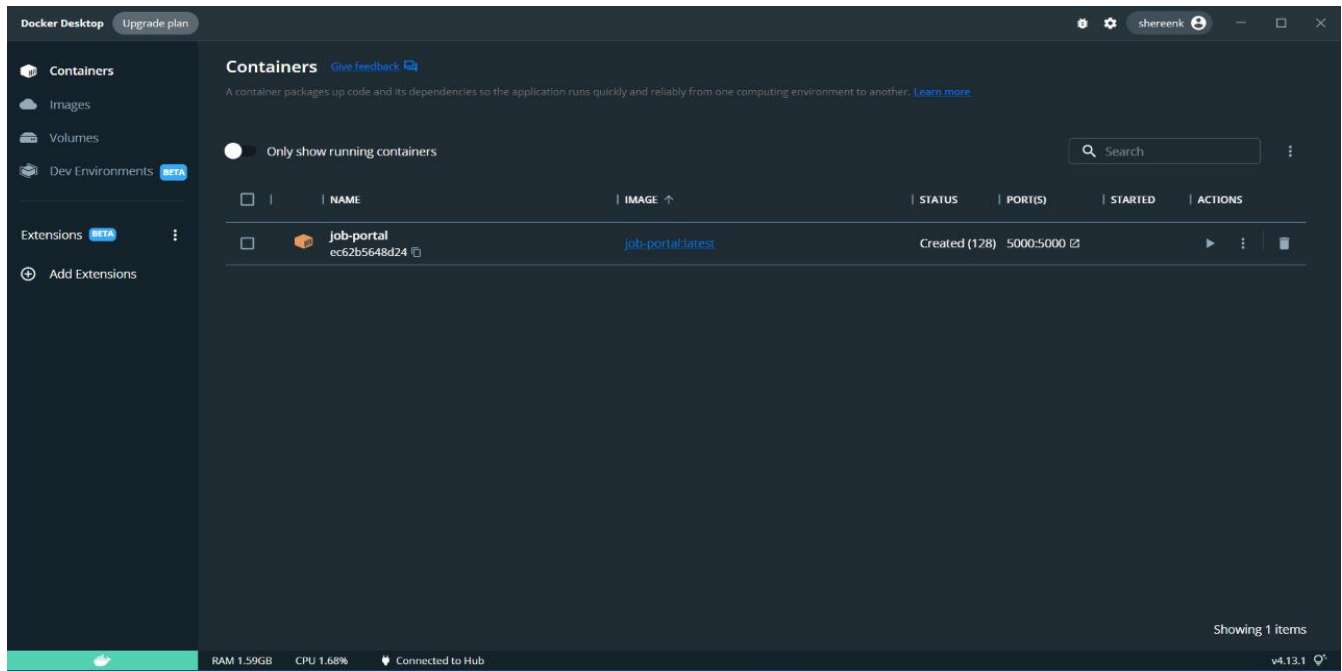
```
C:\Windows\System32\cmd.exe
(c) Microsoft Corporation. All rights reserved.

S:\spyder\job-portal>docker build -t job-portal .
[+] Building 425.1s (12/12) FINISHED
=> [internal] load build definition from Dockerfile 0.5s
=> => transferring dockerfile: 230B 0.4s
=> [internal] load .dockerignore 0.3s
=> => transferring context: 2B 0.2s
=> [internal] load metadata for docker.io/library/python:3.10 5.4s
=> [auth] library/python:pull token for registry-1.docker.io 0.0s
=> [internal] load build context 14.5s
=> => transferring context: 16.65MB 14.4s
=> [1/6] FROM docker.io/library/python:3.10@sha256:a368af37ef8dda4b4d0e6379e556f6ec67475dfa5ab95efca4c1884952b85 0.0s
=> CACHED [2/6] WORKDIR /app 0.0s
=> [3/6] ADD . /app 2.8s
=> [4/6] COPY requirements.txt /app 0.4s
=> [5/6] RUN python3 -m pip install -r requirements.txt 373.6s
=> [6/6] RUN python3 -m pip install ibm_db 14.9s
=> exporting to image 11.6s
=> => exporting layers 11.4s
=> => writing image sha256:051c2724cc5e19c4d87fa33d802690d3e7745b65b065ec27b55dd5ea984c69e2 0.0s
=> => naming to docker.io/library/job-portal 0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

S:\spyder\job-portal>docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
job-portal latest 051c2724cc5e 16 minutes ago 1.12GB
```

4. Job Portal (Application) Container



5. Job Portal (Application) Images

