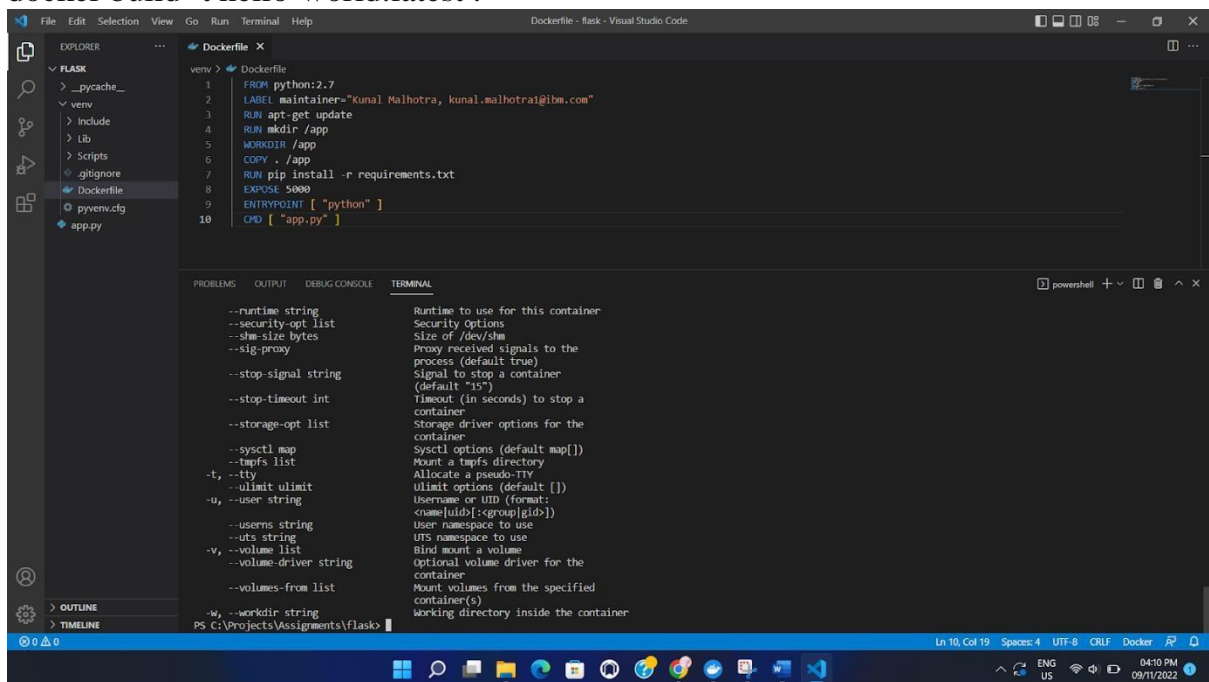


DEPLOYMENT OF APP IN IBM CLOUD

CONTAINERIZE THE APP

TEAM ID	PNT2022TMID09989
PROJECT NAME	Smart Fashion Recommender Application

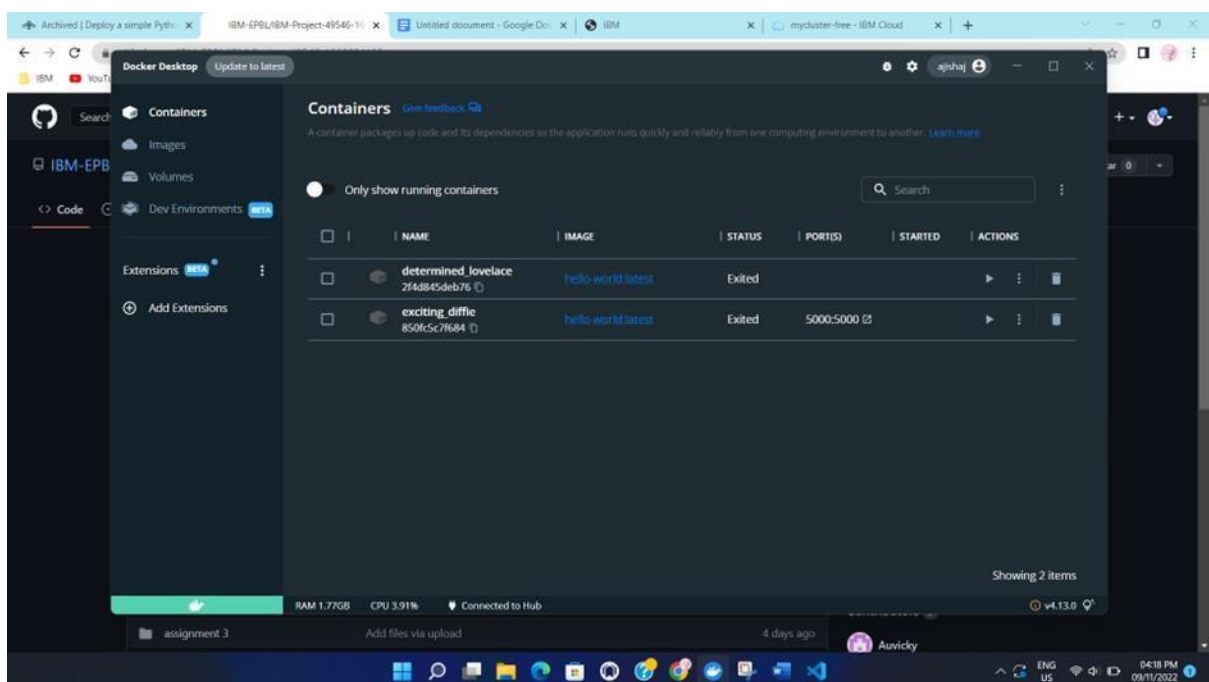
In your project directory, create a file named "Dockerfile". In the file, paste this code. Open the terminal and type this command to build an image from your Dockerfile:
docker build -t hello-world:latest .



The screenshot shows the Visual Studio Code interface. The Explorer pane on the left shows a project structure with files like `__pycache__`, `venv`, `include`, `lib`, `Scripts`, `.gitignore`, `Dockerfile`, `pyvenv.cfg`, and `app.py`. The Dockerfile is open in the editor, showing the following content:

```
1 FROM python:2.7
2 LABEL maintainer="Kunal Malhotra, kunal.malhotra@ibm.com"
3 RUN apt-get update
4 RUN mkdir /app
5 WORKDIR /app
6 COPY . /app
7 RUN pip install -r requirements.txt
8 EXPOSE 5000
9 ENTRYPOINT [ "python" ]
10 CMD [ "app.py" ]
```

The Dockerfile documentation is displayed in the bottom right pane, listing various options for container configuration, such as `--runtime`, `--security-opt`, `--shm-size`, `--sig-proxy`, `--stop-signal`, `--stop-timeout`, `--storage-opt`, `--sysctl`, `--tmpfs`, `-t`, `--tty`, `--ulimit`, `-u`, `--user`, `--users`, `--uts`, `-v`, `--volume`, `--volume-driver`, `--volumes-from`, `-w`, and `--workdir`.



Test by running the code in localhost

