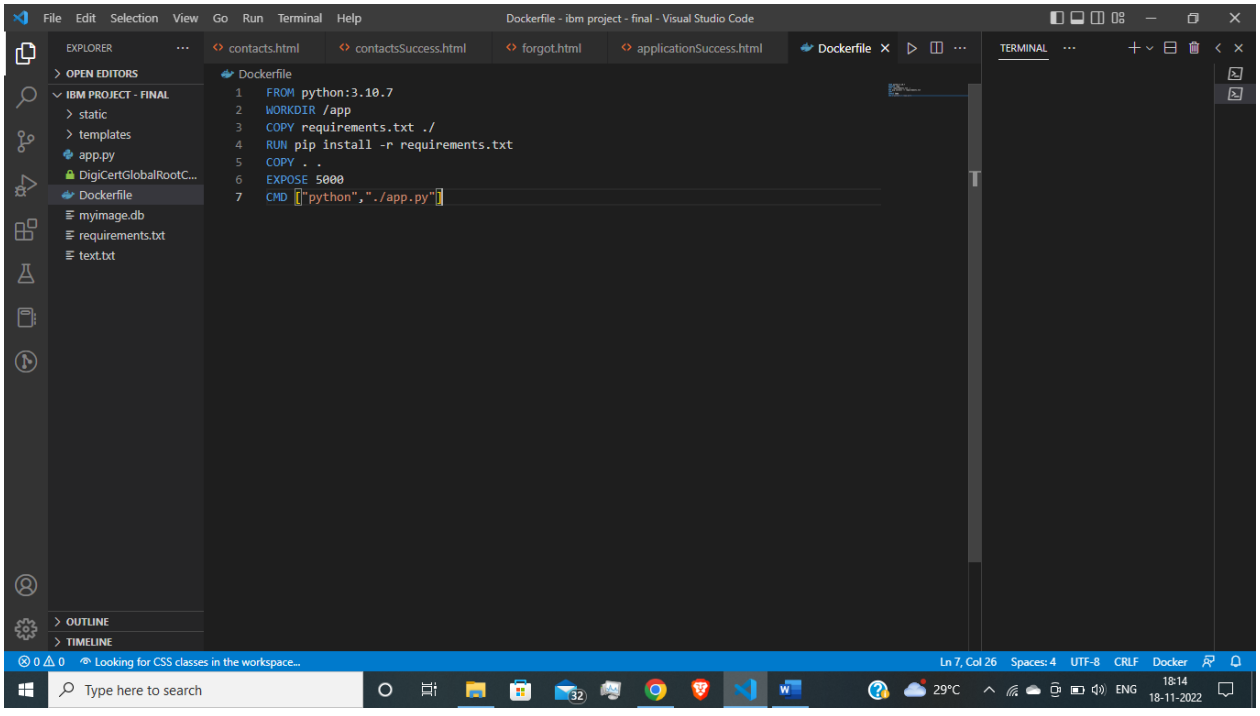
Date	**18 NOV 2022**
Team ID	**PNT2022TMID18290**
Project Name	**Skill and Job Recommender Application**

Containerize your Flask application

- In your project directory, create a file named "Dockerfile." *Suggestion: Name your file exactly "Dockerfile," nothing else.*

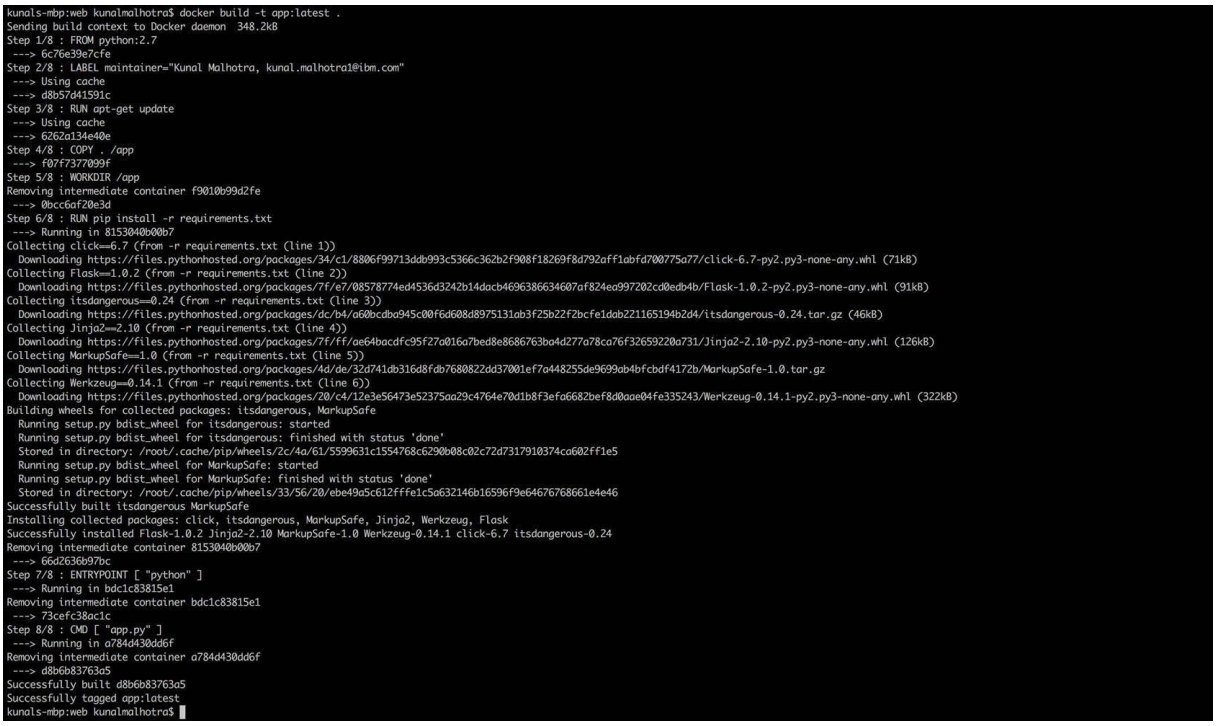
A "Dockerfile" is used to indicate to Docker a base image, the Docker settings you need, and a list of commands you would like to have executed to prepare and start your new container.




```
FROM python:3.10.7
WORKDIR /app
COPY requirements.txt ./
RUN pip install -r requirements.txt
COPY . .
EXPOSE 5000
CMD ["python","./app.py"]
```

Build an image from the Dockerfile

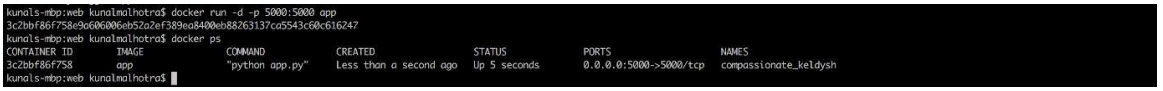
Open the terminal and type this command to build an image from your Dockerfile: docker build -t <image_name>:<tag> .(note the period to indicate we're in our apps top level directory). For example: docker build -t app:latest .

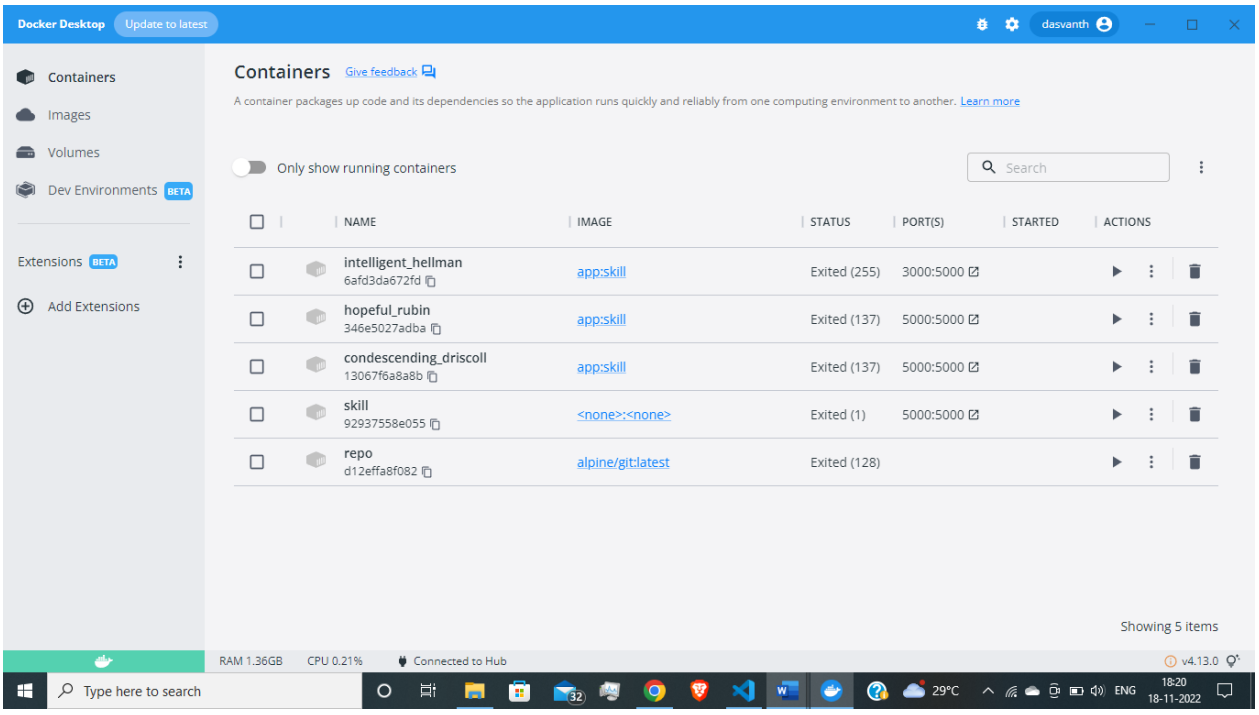


Run your container locally and test

After you build your image succesfully, type: docker run -d -p 5000:5000 app

This command will create a container that contains all the application code anddependencies from the image and runs it locally.

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STATUS
PORT(S)
STARTED
ACTIONS
intelligent_hellman
6afd3da672fd
app:skill
Exited (255)
3000:5000
hopeful_rubin
346e5027adba
app:skill
Exited (137)
5000:5000
condescending_driscoll
13067f6a8a8b
app:skill
Exited (137)
5000:5000
skill
92937558e055
<none>:<none>
Exited (1)
5000:5000
repo
d12effa8f082
alpine/git:latest
Exited (128)
Showing 5 items
RAM 1.36GB
CPU 0.21%
Connected to Hub
v4.13.0
Type here to search
29°C
ENG
18:20
18-11-2022