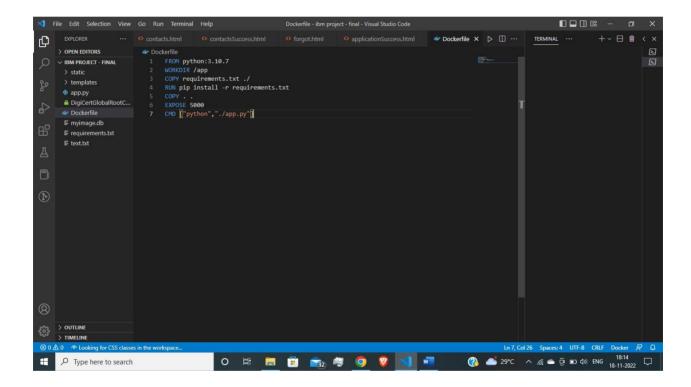
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## Containerize your Flask application

• 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 .

```
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Step 15 : FRM python, 2.7

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*** Schlosophy Contractor**Number Mollstraßtis.com*

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```

## Run your container locally and test

After you build your image successfully, 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.

