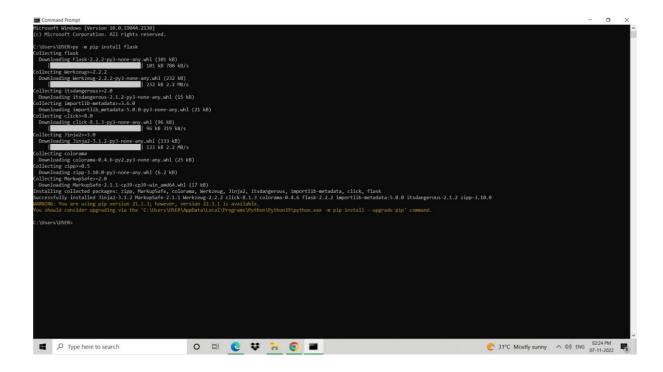
## **Containerize your Flask application**

**TEAM ID: PNT2022PMID25588** 

TITLE: PERSONAL EXPENSE TRACKER APPLICATION

## Containerize your Flask application

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



## 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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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.

```
kunals-mbp.web kunalnalhotra$ docker run =1 -p 5000:5000 app
SczbH6675seks0600000052ac+380-a0340000088363137ca545c60c616247
kunals-mbp:web kunalnalhotra$ docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
CONTAINER ID PWGE COMMAND CREATED STATUS PORTS NAMES
Runals-mbp:web kunalnalhotra$ python app.py" Less than a second ago Up 5 seconds 0.00.00:50000->50000/tap compassionate_keldysh
```

