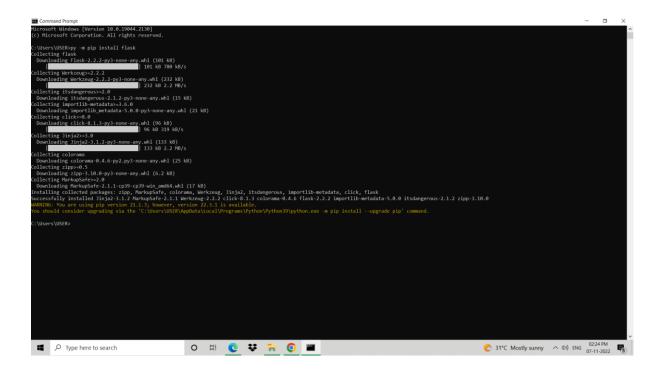
Containerize your Flask application

Team ID	PNT2022TMID12404
Project Name	Nutrition Assistant Application

Containerize your Flask application

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.



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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```

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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 and dependencies from the image and runs it locally.

```
kunals-mbp:meb kunalmalhotra$ docker run -d -p 5900:5900 app
3c2bp166758c960606060652a2e1390c9400eb88263137cs5543c60c616247
kunals-mbp:meb kunalmalhotra$ docker ps
CONTAINE 1D 1M4GE COMMAND CREATED STATUS PORTS
CONTAINE 1D 1M4GE "python app.py" Less than a second ago Up 5 seconds 0.0.0.9:5900->5900/tcp compassionate_keldysh
kunals-mbp:meb kunalmalhotra$ |
```

