Step 1 - Creating the Flask App Environment

To begin, create a directory within your 3155Activities folder by using and running the command

```
mkdir flask_app
```

Change into this new directory to make it the working (active) directory by typing the following command into the terminal window (note that this assumes you are in the parent directory for the 3155 Activities directory):

```
cd flask_app
```

Python Virtual Environments

A Python Virtual Environment or VENV allows for management of packages within an individual project, instead of making changes to Python packages system-wide.

Create a new VENV for your app with the following command within the app directory:

```
python -m venv venv
```

NOTE use py instead of python if you're using Git Bash

This creates a virtual environment called venv within your app directory

Python Virtual Environments and Flask

Activate the virtual environment by running the following within the directory

 on Mac OS / Linux :

```
source venv/bin/activate
```

on Git Bash :

```
source venv/Scripts/activate
```

on Windows command line :

```
venv\Scripts\activate.bat
```

Install Flask with the following command:

```
pip install flask
or
pip3 install flask
```