Flask Starter Code Setup

Open the project and add a new Python Virtual Environment:

1. Unzip the datatracker_starter_code file.
2. Right click on the extracted folder and choose Open Folder as a Pycharm Community Edition Project. (If this option is not present, you can open the folder through PyCharm's Open > File menu option.)
3. Once opened in PyCharm, go to File > Setting > Project:datatracker_starter_code > Python Interpreter.
4. Click the Gear icon to the right of the Python Interpreter box and select Add.
5. In the Virtualenv Environment option, select New environment and hit Ok. This will create a 'venv' folder in your project.
6. After the installation completes, ensure the Python Interpreter box is now displaying the address to the VirtualEnvironment you just created, rather than your global version of Python.
7. Open a terminal window in PyCharm. (Terminal, NOT Python Console.) Your terminal prompt should now be preceeded by (venv).

Install Flask and run the application

8. From your new (venv) prompt, enter 'pip install flask'
9. Once flask installed, enter 'set FLASK_APP=datatracker' in the (venv) terminal. Note the lack of spaces around the '=', this is often important in Python when setting a keyword argument (kwarg) rather than value assignment of variables.
10. Type 'flask run' to start up the app. The terminal should display some messages ending with * Running on http://127.0.0.1:5000/ (Press CTRL+C to quit) Click on that link to open the app in your browser.
11. You will get an 'Internal Server Error' page. This is expected, since there is no view associated with this address. Instead, navigate to http://127.0.0.1:5000/test to test the app is running, or http://127.0.0.1:5000/sample for a sample page.
12. Have fun with Python and Flask!