What Windows stuff will we be using?

Windows File Manager – to extract the zip file we will download with Microsoft Edge Browser

Microsoft Edge Browser – to download stuff and show our simple web site

Windows Notepad – to edit files

Windows Terminal – to run the python server script

Python – its a special programme that interprets the contents of the python files and executes these instructions.

Setup

So these steps may look a bit scary for some of you, but don't worry I can help.

1) Download https://gbc.pellcorp.com/python3.zip to your Downloads directory and extract it to

Downloads/python3 directory.

2) Download https://gbc.pellcorp.com/python-sample.zip to Downloads directory and Extract All to Downloads/python-sample directory.

3) Use Windows File Explorer to find the Downloads/static-sample/index.html and double click it to open it with Edge.

4) Open a CMD Terminal

5) Change directory to the Downloads\python-sample directory

6) Run the server.bat file

7) Open Microsoft Edge and change the location to http://127.0.0.1:8080/

Cat Quotes Website

This cat quotes web site is very basic.

1. It has a title: **Cat Bible Quotes**
2. It has a cute cat photo
3. It has a random quote in yellow

There are 5 files python-sample.zip file you will extract:

1. server.py – This is a very simple python server that provides the random quote but also "hosts"
2. the web site.
3. The server.bat – is a simple batch file (a text file with some instructions windows understands)
4. to have the server.py start running
5. The index.html is the file that Edge will first read to display the web site
6. The cat.jpg – is a cute cat picture
7. The dog.jpg – is a cute dogs picture

Exercises

The following exercises are a bit more advanced and will require you to stop and restart the python server.py script.

Restarting the server requires you to use the CTRL-C keys (CTRL + 'C' together), and it might take a few seconds to exit. If you get tired of waiting you can kill the Term window, and repeat steps 3 to 5 from Setup above.

1. Add a new quote to the list
2. Change the server to always return the same quote
3. This one is extra hard: Change the server so it returns the quotes in order, one at a time each time you refresh the page.
4. Even Harder, append a number to the end of the url (/quote/1) and return that quote from the list!