Python Humanities: A Free Course for the Digital Humanities

By Dr William Mattingly (PhD @ University of Kentucky)

<https://pythonhumanities.com/python-for-dh-course/>

If you work from the link above (rather than the youtube playlist), you will find that each lesson has an exercise and sometimes a quiz. I highly suggest doing these as they will help you apply the information being taught and get some practice.

 Lesson 1

* Windows Issue: If you get an error message while installing the Atom package “platform-io-ide-terminal” with an error message that mentions the python path do not worry. Just restart your computer and then try again; the computer needs a restart to update the environment path to include python when you have just installed python for the first time.
* If you are not a humanities person, you may wish to skip 17:00 to 20:00.

Lesson 2

* An updated version of this video is at <https://www.youtube.com/watch?v=ayjKuGQn7FI>.
* If you are already familiar with coding variable types (e.g., ints, floats, strings) you may want to skip to the 7-minute mark. After that the more python-specific data types are discussed.
* Dr Mattingly does not exactly describe how to use Atom. Essentially you need to create a python file (e.g., a file where the filename ends in the extension .py). Do this by going to the File menu and selecting “New”. To run your python script there is a keyboard shortcut: Ctrl-Shift-B (Windows) or Cmd-I (Mac). You can also find this in the Packages menu under Script and then Build Script. If you are working from a fresh install of Atom you should then see the results of your script in a little window that appears at the bottom of the screen.
	+ If you have made a mistake, you will receive an error message. Some tips for dealing with these error messages:
		- They usually mention a line number. Atom nicely lists the line numbers beside each line so take a look at that line and see if there is anything wrong.
		- Work from top to bottom (e.g., the lowest line number first).
		- If stuck, do a web search for the exact text of the error messages. Search results from StackOverflow will usually be very helpful.
		- Compile after every line or two to discover errors as you make them. Tracking down errors is more challenging when you have many new lines to sort through.

Lesson 3

* Please let me know if you have any hints to suggest for Lesson 3.
* The quiz for tutorial three does not seem to be working (as of Dec. 3, 2020).

Lesson 4-22

* Please let me know if you have any suggested tips for these lessons.