This is not the latest version, see in Box

Install and setup instructions

Install application Visual Studio Code <https://code.visualstudio.com/>

Install Python 3 and Pip: <https://www.python.org/downloads/>

Test Python

* Create a python file in VS Code (hello.py)
* add the line *print("hello")*and try to run

Install Library

* Install Pandas with pip: *pip3 install pandas* from the VS Code Terminal
* <https://pandas.pydata.org/docs/getting_started/install.html>

Running main script

**First section:**

Lines 1 through 19

[from]

[import] libraries

^these are what you installed, this is telling the script that we’ll use these (?)

**Options, arguments, prefs:**

Lines 21-29

What the script tells the browser, things like how to open the window and where you want downloads to go

You may have to refer back to this section for one of the below troubleshooting sections (lines 24 and 25) – only one should be commented at a time.

**Driver types:**

Lines 31 through 36

Driver Type (1 or 2) depends on your setup

# this symbol “comments out” a line of code, meaning the script won’t read it. In VSCode it changes color (green), which tells you it isn’t going to be run or read, it’s just there for you to either use later/in a different context/or just for a note, description, etc. (you’ll also see ‘’’ ‘’’ surrounding several lines of text in red, which will comment out several lines at a time

If you use driver type 1, you will want to have the line below ‘#Driver Type 1’ (line 32) uncommented (no # before it, the line will be multicolor), and lines 35 and 36 #commented out (will appear in all one color green). If you use driver type 2, you will do the opposite. Type a # before line 32 and remove the # on lines 35 and 36.

**Setup to log in**

Line 39

If you are able to access Nexis Uni via the Tufts library login, with your user ID and password, you will have on line 39 external\_user = False

If you are an external user (the above is not true and you have a numeric code to access library systems) you will replace ‘False’ in line 39 with ‘True’ (capital T)

Line 42 logged\_in = True is commented out right now because you haven’t logged in yet. Because of this, running the script will run through the login process.

Path in (“ ”) should be specific to your download directory

**Troubleshooting**

If you receive this error message from Nexis Uni

(screenshot of that red warning)

This means you’ll have to go back to lines 24 and 25 in the options section. Only one should be commented out, the other one should be read by the script. You’ll just need to uncomment the green line and comment out the other.

**Any other errors not mentioned here**

If it crashes and you don’t know why, check the last few lines in the terminal (in red box in screenshot below). Sometimes there are some answers there, but if not, we’ll have a doc where you can copy what the terminal says and paste it into a doc we can check for error handling.

A screenshot of a computer

Description automatically generated

The rest of this might be too much information

Do we need conda environments? If so… <https://karinknudson.com/python_setup.pdf>

Helpful tips on the terminal

<https://www.w3schools.com/whatis/whatis_cli.asp> <- command line also this <https://medium.com/@grace.m.nolan/terminal-for-beginners-e492ba10902a>

<https://docs.conda.io/projects/conda/en/4.6.0/_downloads/52a95608c49671267e40c689e0bc00ca/conda-cheatsheet.pdf>