Supplementary notes - ITP-MAY23-CLOSED

DRIVE (you are here if you're reading this)!

https://github.com/lavenderlens/ITP-MAY23

Jupyter notes:

https://jupyter.org/try-jupyter/retro/notebooks/?path=notebooks/Intro.ipynb

https://ipython.org/

VS Code shortcuts

CTRL + B	toggle explorer pane / full screen
CTRL + +/-	up/down font size
CTRL + /	toggle comment on/off
CTRL + D	multi-cursor select
ALT + SHIFT + DOWN/UP	duplicate line down/up

Disable suggestions on hover in VSC
https://www.kindacode.com/article/vs-code-how-to-disable-enable-suggestions-on-hover/

FROM THE INTRO: LINKS TO MIND CONTROLLED DRONE RESEARCH

Experimenting with brain-computer interfaces in JavaScript.
https://medium.com/@devdevcharlie/experimenting-with-brain-computer-interfaces-in-javascript-8d6cb891fda8

Charlie Gerard video from ITP:
INTRO - Charlie Gerard Mind Control With JavaScript
https://www.youtube.com/watch?v=Sp6egeaFNC4

https://www.youtube.com/watch?v=-PbpWYBRBgM
mind control drone demo **15:30 - 17:05**
Note VS Code is same editor as Charlie uses live

Libraries

Python standard
https://docs.python.org/3/library/

Python Open Source
https://pypi.org/

POST-COURSE SELF-STUDY RESOURCES

(PYTHON)

W3

Docs

---

notes / references from docs (Python):

https://docs.python.org/3/tutorial/modules.html

NOTES - README
dir(__builtins__)

This will output a list containing firstly builtin Exception Objects, then dunder data attributes and then what looks like a listing of the built-in functions (not built-in modules). The functions begin from abs which is at index 82. So to display just the functions from *__builtins__ we can use the slicing operator as follows:*

>>> dir (__builtins__)[82:]

or more generically:
>>> dir (__builtins__)[dir(__builtins__).index('abs'):]

to get command line commands to work copied in from PDF you may need to re-type quotes, which may be non-standard characters

https://docs.python.org/3/library/builtins.html

lists diff tuples
https://www.geeksforgeeks.org/python-difference-between-list-and-tuple/

objects to string
https://www.geeksforgeeks.org/str-vs-repr-in-python/

object equality and identity
https://www.geeksforgeeks.org/difference-between-and-is-operator-in-python/

https://www.geeksforgeeks.org/difference-between-__eq__-vs-is-vs-in-python/

variable args
https://www.geeksforgeeks.org/args-kwargs-python/

Modules > Packages > Libraries > Frameworks explained
https://learnpython.com/blog/python-modules-packages-libraries-frameworks/

number format to two decimal places:
number = 3
>>> print(f'number: {number:.2f}')
number: 3.00