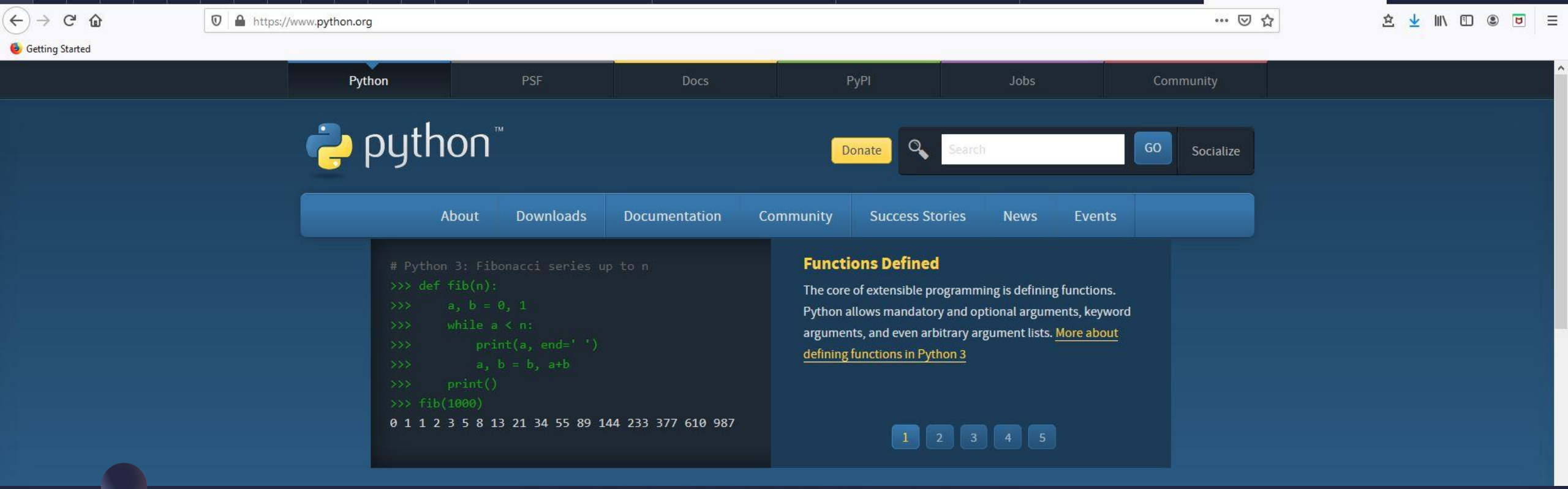
Dr Gabriele Salciute Civiliene

gabriele.salciute-civiliene@kcl.ac.uk

Coding & the Humanities

Week 1 | Part 3_Python Interfaces

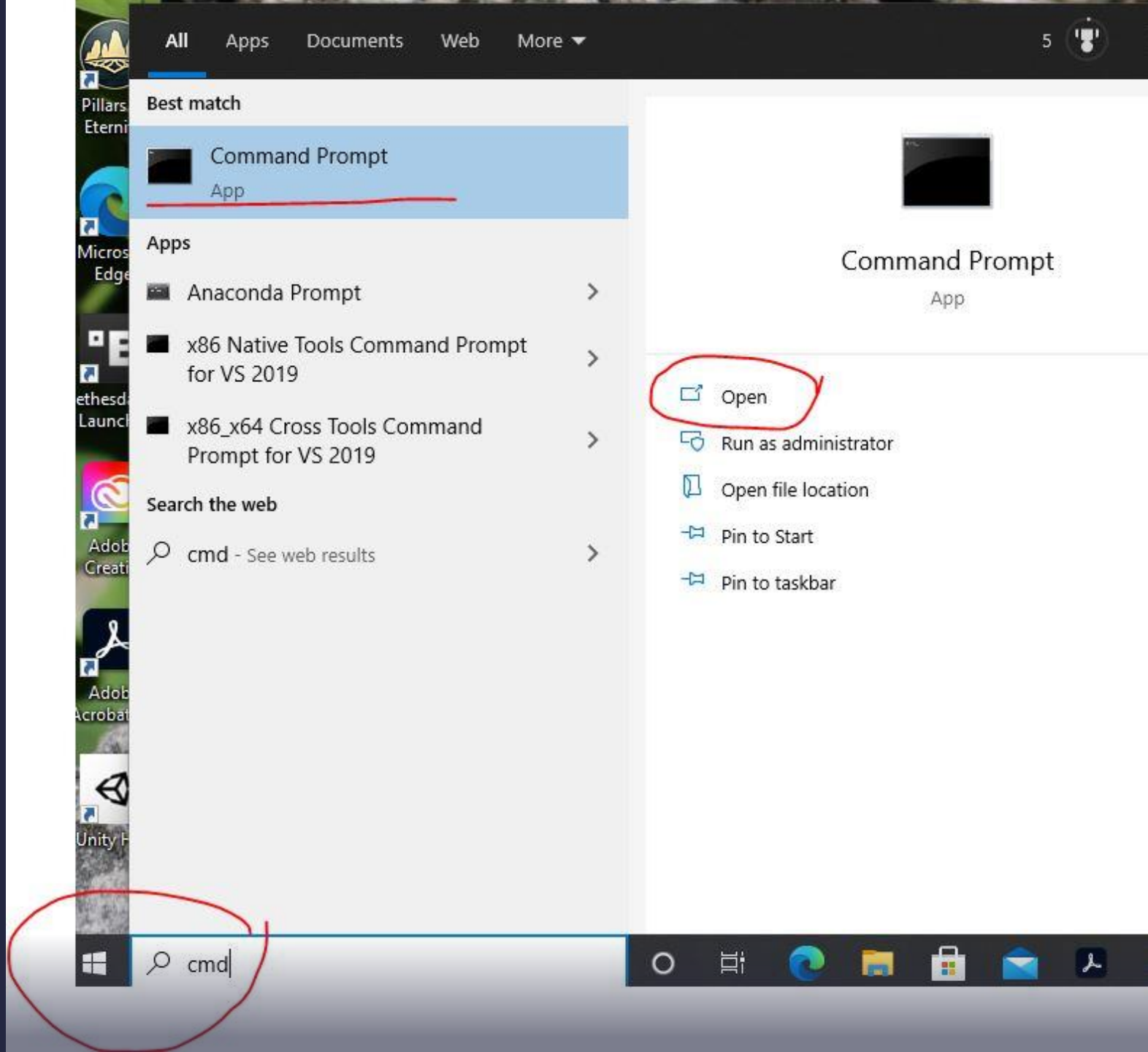
21/09/2020

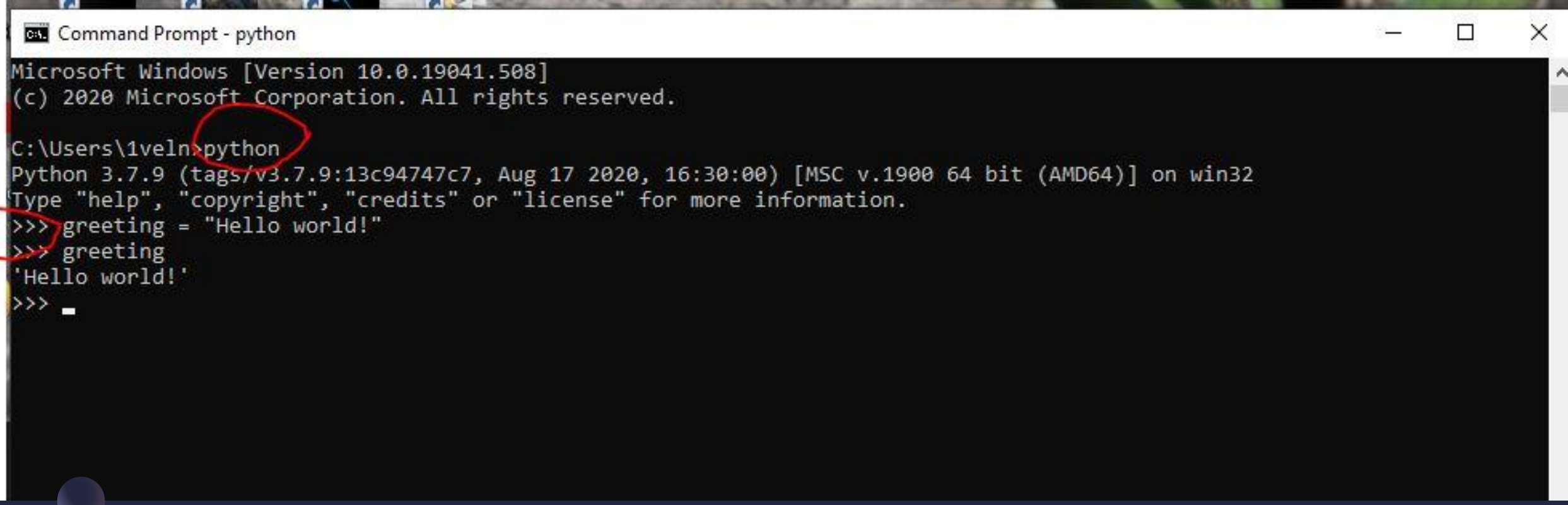


Install Python

- https://www.python.org/

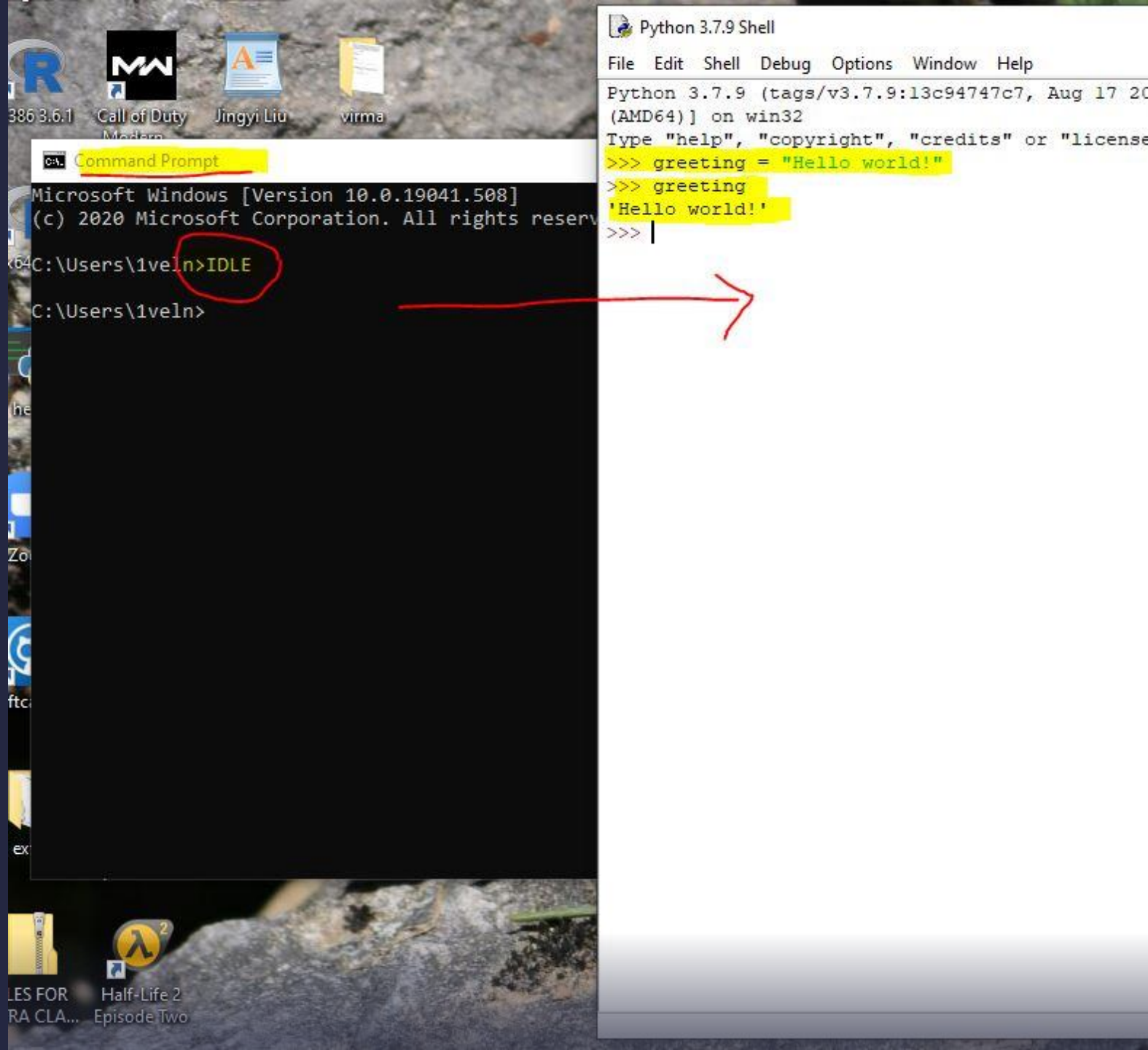
Python Interpreter & cmd





Python Shell

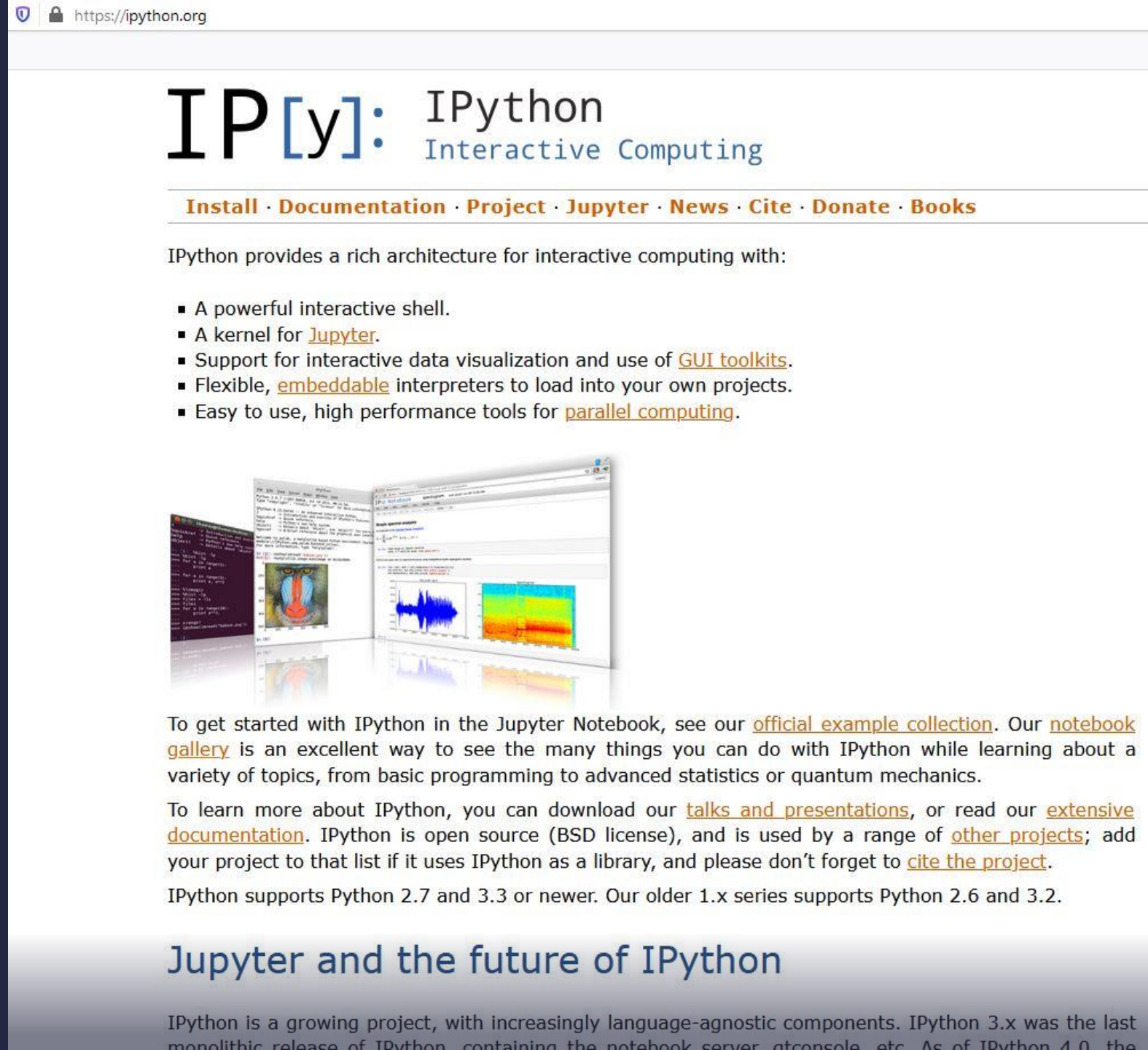
IDLE = Integrated Development and Learning Environment



Python Editors

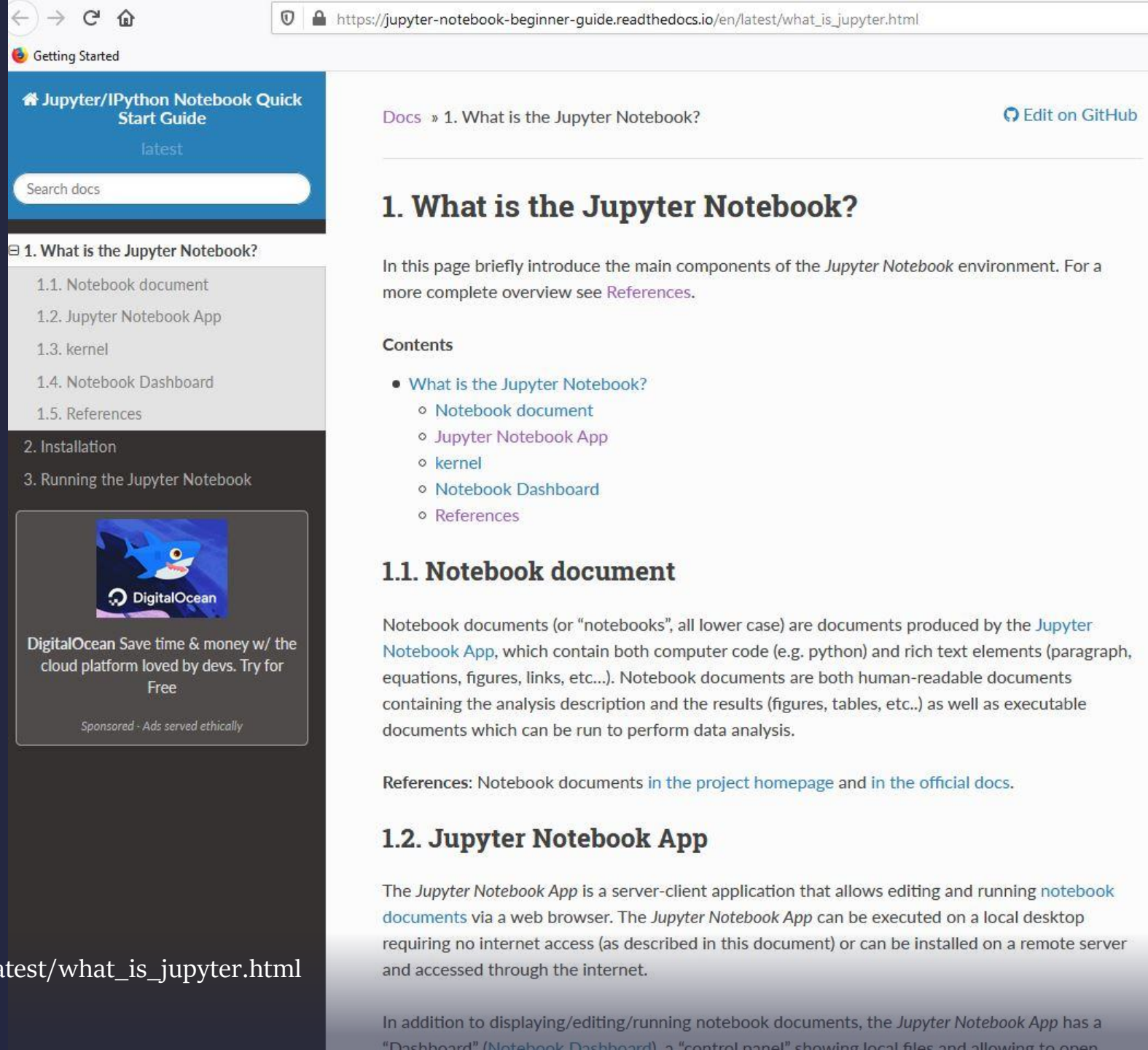
Interactive Python Interpreter = IPyton

https://ipython.org/



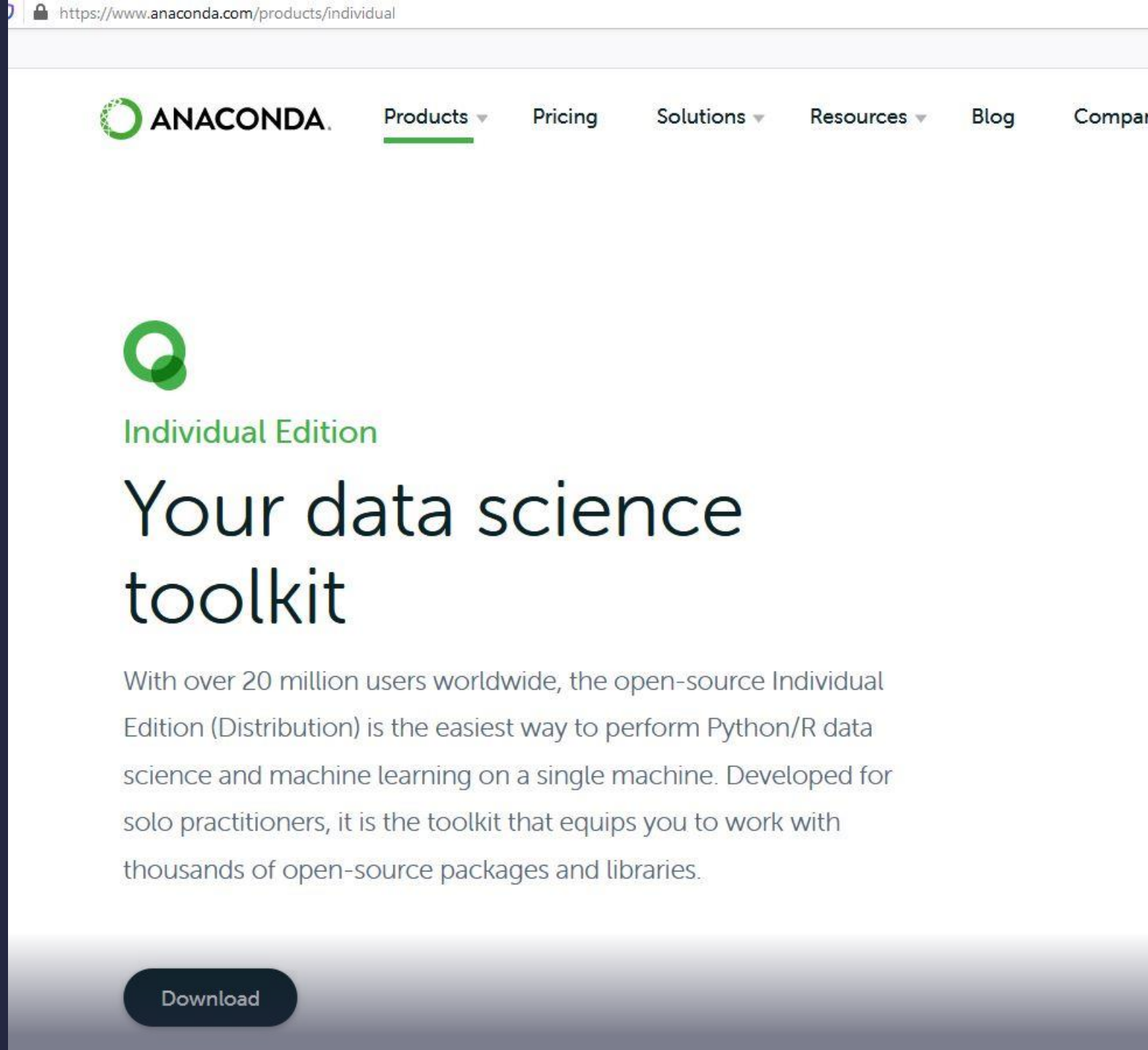
Jupyter Notebooks

https://jupyter-notebook-beginner-guide.readthedocs.io/en/latest/what_is_jupyter.html

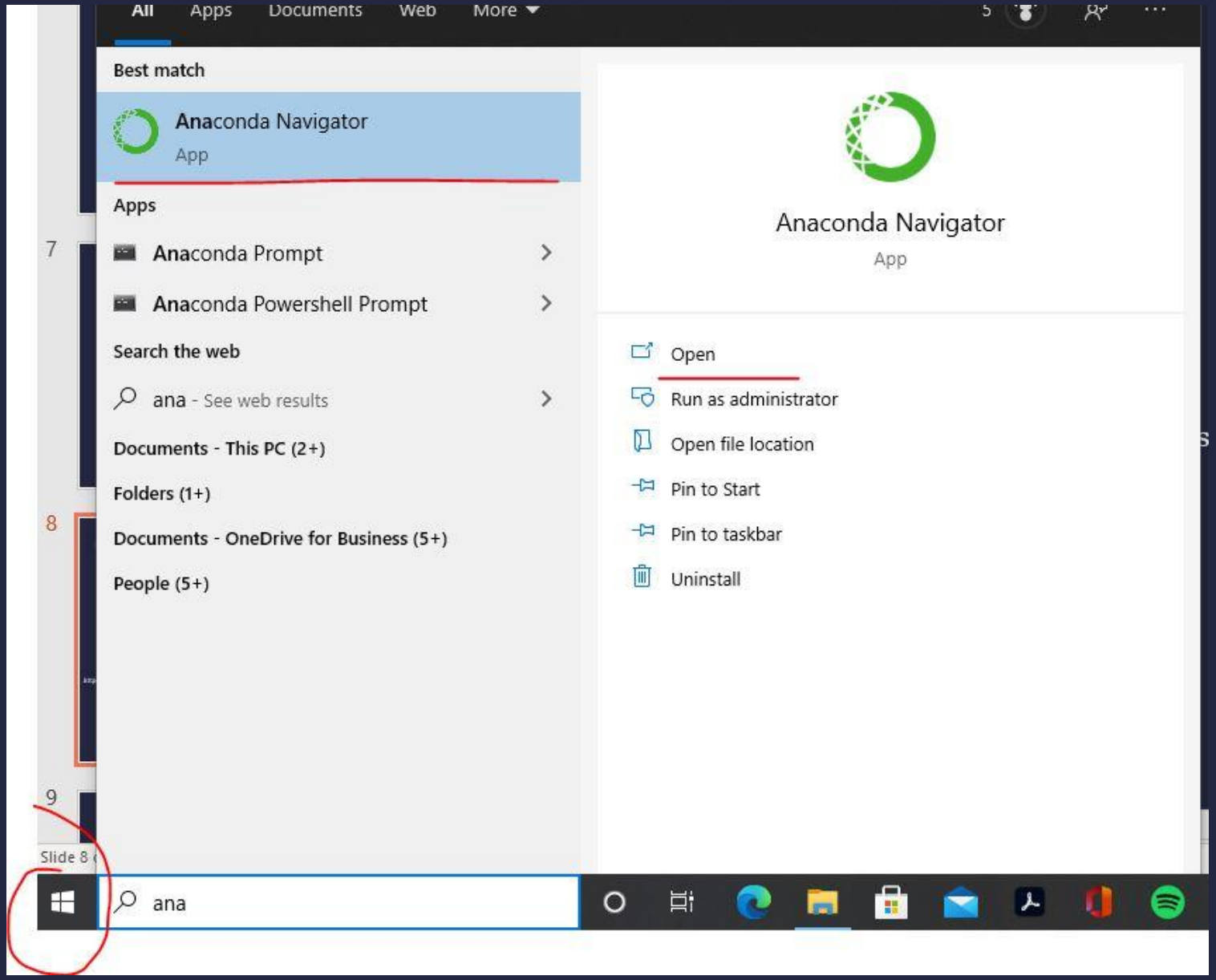


Anaconda Navigator | Install

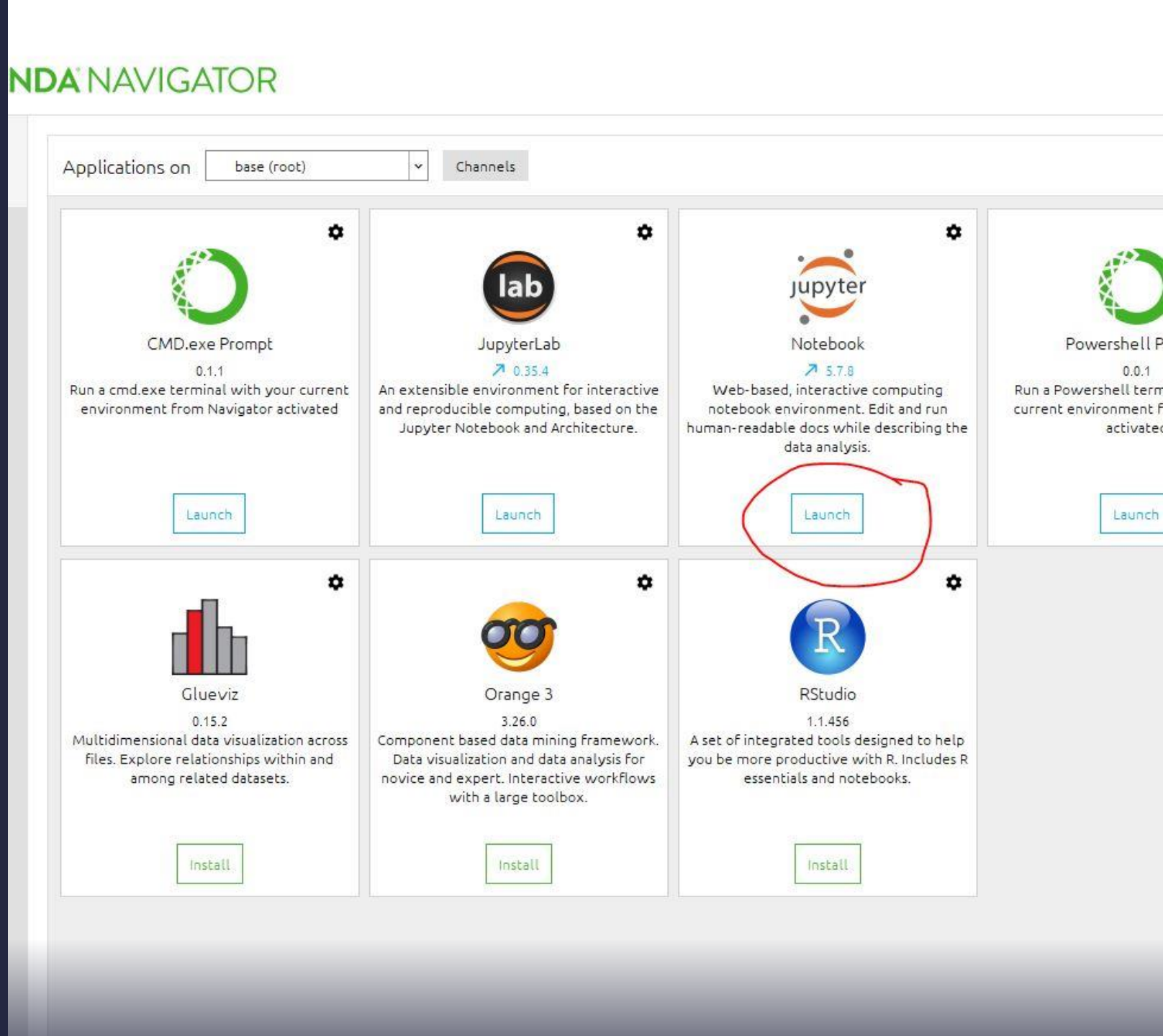
https://www.anaconda.com/products/individual



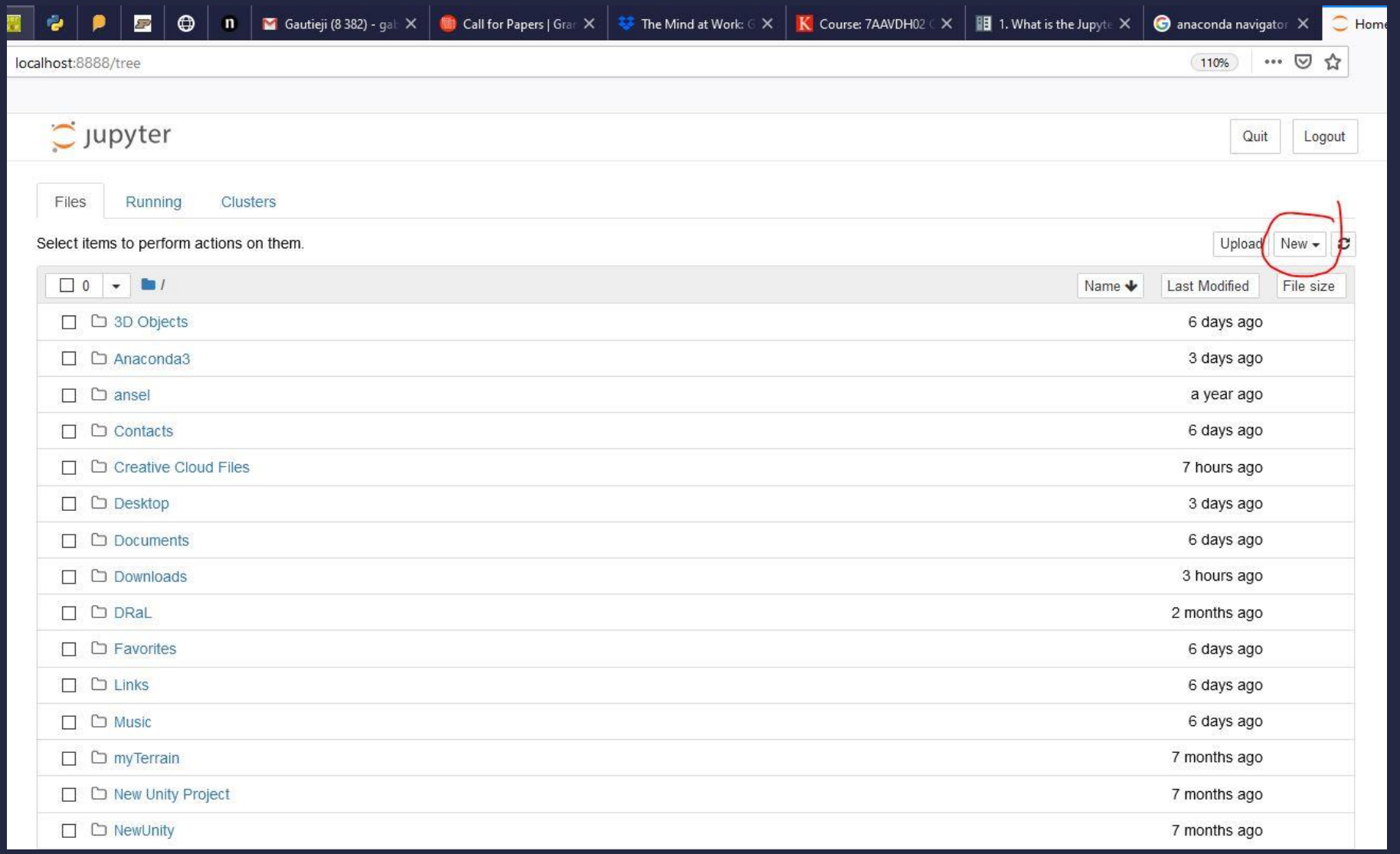
Anaconda Navigator | Open



Anaconda Navigator | Launch Jupyter Notebook



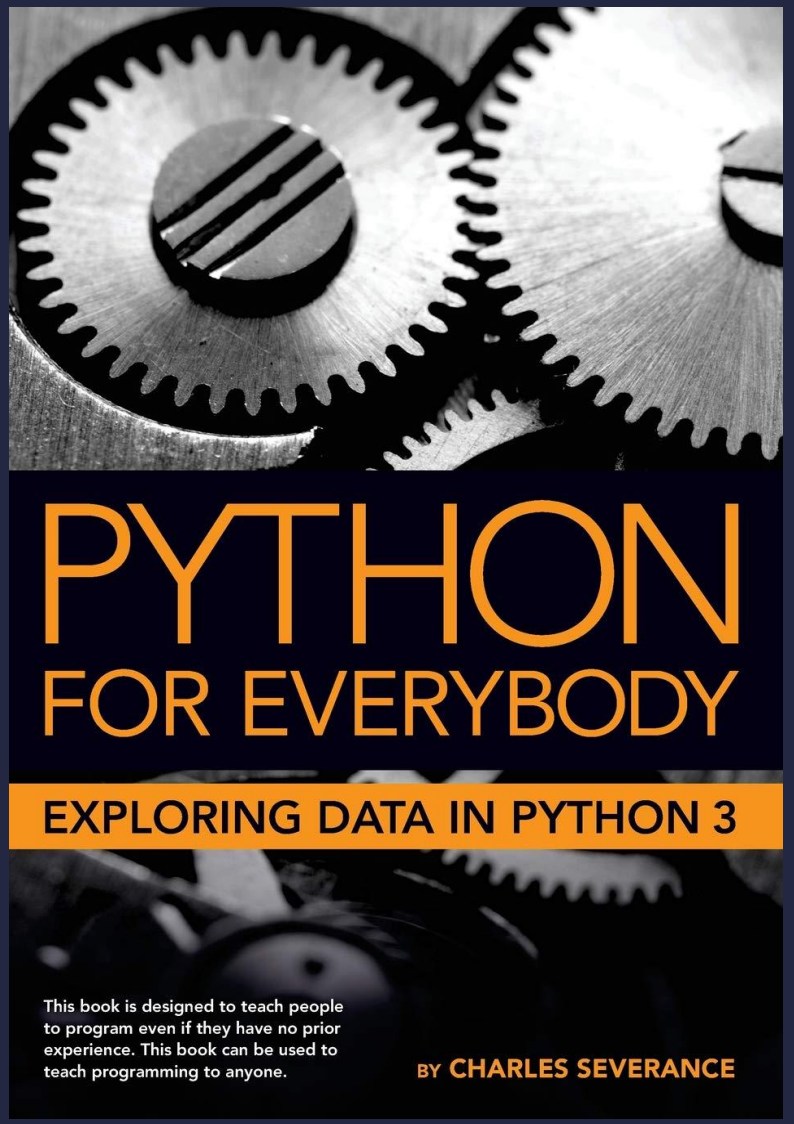
Jupyter Notebook App



Checklist

- What is a Python code?
- Who created Python? What motivated their design of the language?
- Is there a difference between coding and programming?
- What types of programming have you learnt about? What does each of them do?
- What kind of language is Python?
- What’s the difference between compiled and interpreted languages?
- What does a Python interpreter do?
- What is Python Shell? What is IDLE?
- What is command prompt?
- What’s the difference between Python and IPython?
- How do you load Python interpreters?

Core Reading: Week 1



Severance, Charles R. (2016) Chapter 1: Why Should You Learn to Write Programs? In *Python for Everybody*. Createspace Independent Publishing Platform, *pp. 1-18*.

Wing Kosner, Anthony (2019) The Mind at Work: Guido van Rossum on how Python makes thinking in code easier. Available at: https://blog.dropbox.com/topics/work-culture/-the-mind-at-work--guido-van-rossum-on-how-python-makes-thinking.

What is the Jupyter Notebook? Available at: https://jupyter-notebook-beginner-guide.readthedocs.io/en/latest/what_is_jupyter.html