Configuring Python & Tools	
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Download/Installing Python

- We will be using Python 3 in this course
- There are some differences between Python 3 and Python 2
 If you already have Python 2 installed, please upgrade to Python 3
 To download and install Python, go here: https://www.python.org/downloads/. (Download the latest version). latest version)
- This download/install comes bundled with IDLE (Python's Integrated Development and Learning Environment)
 Includes an interactive Python interpreter and script editor

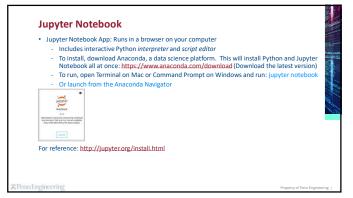
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Using IDLE – Running a Python Script

- To create and run a Python script in IDLE, you must first create and save a script file
 Go to "File" --> "New File"
 Go to "File" --> "Save"
- To open an existing script
 Go to "File" --> "Open..."
- To execute a script
 Go to "Run" --> "Run Module"

Using IDLE — Keyboard Shortcuts • To execute a command in the Python shell Press Enter • To execute previous commands Use CTRL + p or CTRL + n to toggle commands in your history - To change this default setting, go to IDLE → Preferences → Keys • To execute a script in the Python script editor Press F5 On a Mac, press FN + F5 • To save a script in the Python script editor Press CTRL + S On a Mac, press CMD + S

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Using Jupyter Notebook — Keyboard Shortcuts 1. To execute code in a cell in a notebook Select the cell and press CTRL + Enter 2. To execute code in a cell in a notebook, and select the next cell Select the cell and press Shift + Enter 3. To insert a cell above Select the cell and press a 4. To insert a cell below Select the cell and press b 4. To delete a cell Select the cell and press dd 5. To get help with Jupyter Notebook (Keyboard shortcuts) Anywhere outside of a cell, press h 6. To get help with Python function Put cursor inside parenthesis of function, and press Shift + Tab

 To create Python scripts in Jupyter Notebook Export a Python script file and save it as <your script="">,py</your> 	
Go to "File"> "Download As" "Python (.py)"	

repl.it • repl.it: Online Python interpreter that runs in the browser • Includes an interactive Python interpreter and script editor: https://repl.it/languages/python3

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Using repl.it Navigate to the Python IDE here: https://repl.it/languages/python3 This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write and run interactive Python commands **This is the Python shell, which allows you to write

the Python script editor, which allows you to write, run, and save Python so	
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w @mcai/Quickwittedy.amedCell fork → nin > shore Et + newreol as talk Size	gnup
mon.py Python 3.7.4 (default, Jul 9 2819, 60:66:43)	
1 print("Hello World from my script!") [CCC 6.3.0 20170516] on linux Hello Morld from my script!	

Using repl.it — Keyboard Shortcuts • To execute a command in the Python shell Press Enter • To execute previous commands Use up arrow or down arrow to toggle commands in your history • To execute a script in the Python script editor Press CTRL + Enter On a Mac, press CMD + Enter • To save a script in the Python script editor Press CTRL + S On a Mac, press CMD + S

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Python Help • Python Language Resources - Python Language Reference: https://docs.python.org/3/reference/index.html

Other Python Tools (IDEs) - PyCharm: Python IDE - https://www.ietbrains.com/pycharm/download/ - Eclipse with PyDev: Python IDE for Eclipse - Text Editors: Emacs, VI, Sublime, etc.	
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