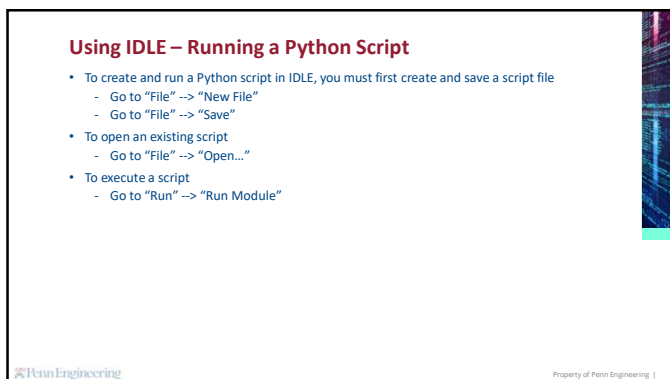




1



2



3

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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Jupyter Notebook

- Jupyter Notebook App: Runs in a browser on your computer
 - Includes interactive Python *interpreter* and *script editor*
 - To install, download Anaconda, a data science platform. This will install Python and Jupyter Notebook all at once: <https://www.anaconda.com/download> (Download the latest version)
 - To run, open Terminal on Mac or Command Prompt on Windows and run: **jupyter notebook**
 - Or launch from the Anaconda Navigator



For reference: <http://jupyter.org/install.html>

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Using Jupyter Notebook – Keyboard Shortcuts

- To execute code in a cell in a notebook
Select the cell and press **CTRL + Enter**
- To execute code in a cell in a notebook, and select the next cell
Select the cell and press **Shift + Enter**
- To insert a cell above
Select the cell and press **a**
- To insert a cell below
Select the cell and press **b**
- To delete a cell
Select the cell and press **dd**
- To get help with Jupyter Notebook (Keyboard shortcuts)
Anywhere outside of a cell, press **h**
- To get help with a Python function
Put cursor inside parenthesis of function, and press **Shift + Tab**

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Using Jupyter Notebook – Exporting a Python Script

- To create Python scripts in Jupyter Notebook
 - Export a Python script file and save it as `<your_script>.py`
 - Go to "File" --> "Download As" → "Python (.py)"

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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>

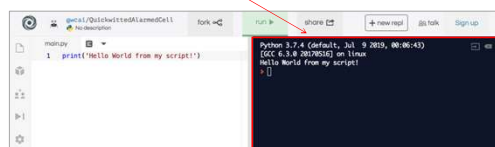
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Using repl.it

- 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



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Using repl.it

- Navigate to the Python IDE here: <https://repl.it/languages/python3>
- This is the Python *script editor*, which allows you to write, run, and save Python scripts



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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>
 - Python Tutorial for Beginners: <https://www.w3schools.com/python/>

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Python Help – Other Tools

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




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