

# *Python Quick Reference*

2017

## *Invocation*

Start the interpreter: `python`

Run a command and exit: `python -c "print('hello!')"`

Interpret a file: `python my-file.py`

## *Some basics*

Print: `print('this is a string')`

Inspect objects: `dir(my_object)`

Get help: `help(my_object)`

Quit Python: `quit()`

## *Arithmetic*

Math works like you expect. `>>> 2 * 3 + 1`  
`7`

Precedence matters.  
Use parens to group. `>>> 2 * (3 + 1)`  
`8`

## *Sequences*

## *Control Flow*

## *Functions*

## *Classes*

## *Dictionaries*