

CHEATSHEET PYTHON 3: Functions

Functions

Command	Description
continue	Proceed immediately to the next iteration of a loop (for/while)
break	Exit immediately from a loop (for/while)

Defining functions

```
def function_name(input_variable1, input_variable2, optional_argument = True/False):
    """Doc string to remind you of function use and input. The more detailed the
    better!"""
    for loops, if else, other statements
    more code
    return new_variable #this is what your function outputs

def divide_key(x, y, as_float = True, show_remainder = False):
    """ Divide two numbers, x and y. Takes optional arguments "as_float" (default True)
    and "show_remainder" (default False). """
    if show_remainder:
        print "The remainder is %d" %(x%y)
    if as_float:
        return float(x) / float(y)
    else:
        return x / y
```

Useful Commands

You should set TextWrangler as the default application for .py files, and you should also set TextWrangler to be your default text editor. If you know the command for a PC for these short cuts, please let us know and we'll add it to the list!

Command	computer: program	Description
open <file_name>	mac: terminal	opens the given file in the default application for that file's extension
open -t <file_name>	mac: terminal	force your default text editor to open the file
option + click	mac: terminal	Jump to where you click on the command line
option + <arrow key>	mac: terminal	Jumps complete words
⌘ + /	mac: TextWrangler	Highlight some lines and enter this command to uncomment/comment the text; does not work for .txt files
⌘ + <arrow_key>	mac: TextWrangler	Navigate to the top/bottom of document with up/down arrows. Navigate to beginning/end of line with left/right arrows
option + click&drag	mac: TextWrangler	Highlight a column of text
alt + click&drag	PC: Notepad++	Highlight a column of text