

Basic Syntax

Python cheat sheet for basic syntax

Operators

addition: +

division (float): /

subtraction: -

division (int): //

multilpication: *

modulus (remainder): %



Data Types

str: a string; a sequence of characters → ex: "Hello, world!"

int: integers; whole numbers. → ex: 45, 132

float: decimal numbers, with a "floating point" → ex: 3.14, 2.5

list: an ordered collection of items → ex: ["apple", "banana", "pear"]

dict: dictionary; a sequence of key:value pairs → ex: {"door":2, "rooms":3}

tuple: ordered, immutable collection of items → ex: (1, 2, 3)

Code Comments

: single line comment

ex: # This is what a comment looks like in a single line of code

""" """ : multi-line comment

ex: """ If you want to write longer lines of comments for some reason,
you can use triple quotes to do so """

white space

use 1 tab OR 4 spaces for each
new code block in Python