



Python Cheat Sheet For Work



@ Command Line

Python Shell	\$ python
Run Script/File	\$ python <filename>.py

Data Types

Boolean	True; False
<i>Numeric</i>	int(str); float(str)
String	'abcdef'; str(number)
List	['abc', 1, 2]; list(col)
Tuple (cannot update)	('abc', 1, 2); tuple(col)
Dictionary	{'name': 'john', 'num': 1}; dict['key'] = val; obj.__dict__
Set (unique)	set(col)
- 'col' means collection	

Operations

Modulus	1 % 2 == 1
Exponent	9 ** 2 == 81
Increment	c += a ~~~ c=c+a
Decrement	c -= a ~~~ c=c-a
Logical AND	(True and False) == False
Logical OR	(True or False) == True
Membership	1 in [1,2,3] == True; 1 not in [1,2,3] == False
Object Identity	Obj1 is Obj2

String

Substring	'abcd'[1:] == 'bcd'; 'abcd'[:-1] == 'abc'
Find	str. find (otherstr)
Check if number	str. isdigit ()
Join	"-". join (["a","b"]) == "a-b"

String (cont')

Length	len (str)
Lower, Upper Case	str. lower (); str. upper ()
Split	"a b". split (" ") == ['a','b']

List

Index	['a', 'b', 'c'][1:] == ['b','c']
Length	len ([1,2,3]) == 3
Concatenate	[1,2] + [3,4] == [1,2,3,4]
Append	[1,2]. append (3) == [1,2,3]
Pop	[1,2,3]. pop (1) == 2
Remove	[1,2,3]. remove (1)
Sort	[2,1,3]. sort () == [1,2,3]