Python Code Cheatsheet : Sheet1

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78	callable(item)	Checks if item is callable
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80		
81	re.match(r'\d+', '123abc')	Matches regex pattern.
82	re.findall(r'\d+', 'abc123xyz')	Finds all matches of regex pattern.
83	sys.exit()	Exits the program.
84	sys.argv	Gets command-line arguments.
85	itertools.permutations([1,2,3])	Generates all permutations.
86	itertools.combinations([1,2,3], 2)	Generates all combinations of 2 elements.
87	**Shortcut**	**Explanation**
88	itertools.cycle([1,2,3])	Cycles through an iterable indefinitely.
89	itertools.accumulate([1,2,3])	Computes running totals of a list.
90	itertools.chain([1,2], [3,4])	Combines multiple iterables into one.
91	itertools.combinations_with_replacement([1,2	Generates all combinations allowing repetition.
92	from functools import reduce	Imports reduce() function.
93	reduce(lambda x, y: x + y, [1, 2, 3])	Reduces a list to a single value using a function.
94	set([1, 2, 2, 3])	Creates a set and removes duplicates.
95	frozenset([1, 2, 3])	Creates an immutable set.
96	dict.fromkeys(['a', 'b', 'c'], 0)	Creates a dictionary with default values.
97	{k: v for k, v in zip(keys, values)}	Creates a dictionary from two lists.
98	{k: k**2 for k in range(5)}	Dictionary comprehension.
99	del my_dict['key']	Deletes a key-value pair from a dictionary.
100	copy.deepcopy(obj)	Creates a deep copy of an object.
101	hex(255)	Converts number to hexadecimal.
102	bin(255)	Converts number to binary.
103	oct(255)	Converts number to octal.
104	abs(-10)	Returns the absolute value.
105	divmod(10, 3)	Returns quotient and remainder (3,1).
106	complex(1, 2)	Creates a complex number.
107	str(123).zfill(5)	Pads string with zeros ("00123").
108	str.lstrip(), str.rstrip(), str.strip()	Removes spaces from left, right, or both.
109	bytes("hello", "utf-8")	Converts a string to bytes.
110	bytearray(5)	Creates a mutable byte array.
111	memoryview(b"hello")	Creates a memoryview object of bytes.
112	chr(65)	Converts ASCII code to character ('A').
113	ord('A')	Converts character to ASCII code (65).
114	isinstance(10, (int, float))	Checks if variable is an int or float.
115	callable(print)	Checks if an object is callable.
116	help(str)	Displays documentation for the str type.
117	dir(str)	Lists all attributes and methods of str.
118	eval('2 + 3')	Evaluates a string expression (5).
119	exec('print(2 + 3)')	Executes a string of Python code.
120	repr(123.456)	Returns a string representation ('123.456').
121	format(3.14159, ".2f")	Formats a number to 2 decimal places.
122	"hello".encode("utf-8")	Encodes a string into bytes.
123	b'hello'.decode("utf-8")	Decodes bytes into a string.
124	next(iter([1, 2, 3]))	Gets the next item from an iterator.
125	all([True, False, True])	Returns False if any element is False.
126	any([False, False, True])	Returns True if any element is True.