Python Cheat Sheet

String Methods

String Methods In Python

str.lower()	Convert all character in the string to lowercase.
str.upper()	Convert all character in the string to uppercase.
str.capitalize()	Capitalizes the first character of the string.
str.title()	Capitalizes the first character of each word in the string.
str.strip()	Removes leading and trailing whitespaces from the string.
str.startwith()	Checks if the string starts with a specific substring.
str.endwith()	Checks if the string ends with a specific substring.
str.replace()	Replaces occurrences of a substring with another substring.
str.split()	Splits the string into a list of substrings based on a declimiter.
str.join()	Joins elements of an iterable into a string with a specific separator.
str.find()	Finds the first occurrence of a substring in the string.
str.count()	Counts the occurrence of a substring in the string.
str.isapha()	Checks if all character in the string are alphabetic.
str.isdigit()	Checks if all character in the string are digits.
str.isalnum()	Checks if all character in the string are alphanumeric.
str.islower()	Checks if all character in the string are lowercase.
str.isupper()	Checks if all character in the string are uppercase.
str.isspace()	Checks if the string contains only white space characters.
str.isnumeric()	Checks if all character in the string are numeric.

Set/List/Dictionary Methods

IMPORTANT METHODS IN PYTHON

SET	LIST	DICTIONARY
add()	append()	copy()
clear()	copy()	clear()
pop()	count()	fromkeys()
union()	insert()	items()
issuperset()	reverse()	get()
issubset()	remove()	keys()
intersection()	sort()	pop()
difference()	pop()	values()
isdisjoint()	extend()	update()
setdiscard()	index()	isetdefault()
copy()	clear()	popitem()

List methods

PYTHON LIST CHEATSHEET
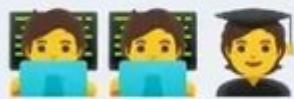
.append(👨‍💻)	➡	
.clear()	➡	
.copy()	➡	
.count()	➡	2
.index(👨‍🎓)	➡	1
.insert(👨‍🎓)	➡	
.pop(1)	➡	
.remove(👨‍💻)	➡	
.reversel()	➡	
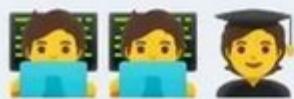
List methods

Python List Methods

Input	Method	Output
[10, 20, 30]	.append(40)	[10, 20, 30, 40]
[10, 20, 30]	.extend([40])	[10, 20, 30, 40]
[10, 20, 30]	.insert(2, 40)	[10, 20, 40, 30]
[10, 20, 30, 20]	.count(20)	2
[10, 20, 30]	.clear()	[ ]
[10, 20, 30, 40]	.index(40)	3
[10, 20, 30, 40]	.remove(10)	[20, 30, 40]
[10, 20, 30, 40]	.pop(2)	[10, 20, 40]
[30, 20, 10]	.reverse()	[10, 20, 30]
[30, 10, 40, 20]	.sort()	[10, 20, 30, 40]
[10, 20, 30]	.copy()	[10, 20, 30]

Data Structures

Python Data Structures
And Their Attributes

	Indexing	Ordered	Mutable	Duplicate
List `[ ]`	✅	✅	✅	✅
Tuple `( )`	✅	✅	❌	✅
Set `{ }`	❌	❌	❌	❌
Dictionary `{K:V}`	❌	✅	✅	❌