

# Python Cheat Sheet

## String Methods

# String Methods In Python



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

Set/List/Dictionary Methods



# IMPORTANT METHODS IN PYTHON

## SET

`add()`

`clear()`

`pop()`

`union()`

`issuperset()`

`issubset()`

`intersection()`

`difference()`

`isdisjoint()`

`setdiscard()`

`copy()`

## LIST

`append()`

`copy()`

`count()`

`insert()`

`reverse()`

`remove()`

`sort()`

`pop()`

`extend()`

`index()`

`clear()`

## DICTIONARY

`copy()`

`clear()`

`fromkeys()`

`items()`

`get()`

`keys()`

`pop()`

`values()`

`update()`

`setdefault()`

`popitem()`

List methods



# PYTHON LIST CHEATSHEET



**.append()**



**.clear()**



**.count()**



**2**



**.index()**



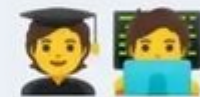
**1**



**.insert()**



**.pop(1)**



**.remove()**



**.reverse()**























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]

# Python Data Structures

## And Their Attributes

	Indexing	Ordered	Mutable	Duplicate
 List				
 Tuple				
 Set				
 Dictionary				

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