String Reference Cheat Sheet

String Reference Cheat Sheet

In Python, there are a lot of things you can do with strings. In this cheat sheet, you’ll find the most common string operations and string methods.

String operations

* len(string) Returns the length of the string
* for character in string Iterates over each character in the string
* if substring in string Checks whether the substring is part of the string
* string[i] Accesses the character at index i of the string, starting at zero
* string[i:j] Accesses the substring starting at index i, ending at index j-1. If i is omitted, it's 0 by default. If j is omitted, it's len(string) by default.

String methods

* string.lower() / string.upper() Returns a copy of the string with all lower / upper case characters
* string.lstrip() / string.rstrip() / string.strip() Returns a copy of the string without left / right / left or right whitespace
* string.count(substring) Returns the number of times substring is present in the string
* string.isnumeric() Returns True if there are only numeric characters in the string. If not, returns False.
* string.isalpha() Returns True if there are only alphabetic characters in the string. If not, returns False.
* string.split() / string.split(delimiter) Returns a list of substrings that were separated by whitespace / delimiter
* string.replace(old, new) Returns a new string where all occurrences of old have been replaced by new.
* delimiter.join(list of strings) Returns a new string with all the strings joined by the delimiter

Check out the official documentation for [all available String methods](https://docs.python.org/3/library/stdtypes.html#string-methods).