

String Methods

This is a list of common string methods. In it, S is the string to which the method is applied, and s and t are other strings.

Operation	Description
$S.capitalize()$	If the first character of S is a letter, capitalize it
$S.count(s)$	Count the number of times s occurs in S
$S.endswith(s)$	True if S ends with s ; False otherwise
$S.find(s)$	Return the index of the first occurrence of s in S ; -1 if s not in S
$S.index(s)$	Return the index of the first occurrence of s in S ; ValueError exception if s not in S
$S.isalnum()$	True if S contains only alphanumerics (letters and digits); False otherwise
$S.isalpha()$	True if S contains only alphabets (letters); False otherwise
$S.isdigit()$	True if S contains only digits; False otherwise
$S.islower()$	True if all letters in S are lower case; False otherwise
$S.isspace()$	True if S contains only white space; False otherwise
$S.isupper()$	True if all letters in S are upper case; False otherwise
$S.lower()$	Change all upper case letters in S to lower case
$S.lstrip()$	Delete all leading white space from S and return the result
$S.replace(s, t)$	Replace all occurrences of s with t in S
$S.rfind(s)$	Return the index of the last occurrence of s in S ; -1 if s not in S
$S.rindex(s)$	Return the index of the last occurrence of s in S ; ValueError exception if s not in S
$S.rstrip()$	Delete all trailing white space from S
$S.strip()$	Delete all leading and trailing white space from S
$S.swapcase()$	Change all upper case letters in S to lower case and all lower case letters to upper case
$S.title()$	Capitalize each word in S
$S.upper()$	Change all lower case letters in S to upper case

List Methods

This is a list of list methods. In it, L is the list to which the method is applied, M is a list, x is an element to be added to, looked for, or removed from, a list, and i is an index of a list element.

Operation	Description
$L.append(x)$	Append element x to L
$L.count(x)$	Count the number of times x occurs in L
$L.extend(M)$	Extend L by adding the elements of M at the end
$L.index(x)$	Return the index of the first occurrence of x in L ; ValueError exception if x not in L
$L.insert(i, x)$	Insert x at position i in L
$L.pop()$	Remove and return the last element of L
$L.pop(i)$	Remove and return the element of L at position i ; IndexError exception if i out of range
$L.remove(x)$	Remove the first occurrence of x from L ; ValueError exception if x not in L
$L.reverse()$	Reverse L in place (does <i>not</i> make a copy)
$L.sort()$	Sort x in place (does <i>not</i> make a copy)