



Python - String Methods

[< Previous](#)[Next >](#)

String Methods

Python has a set of built-in methods that you can use on strings.

Note: All string methods return new values. They do not change the original string.

Method	Description
<u>capitalize()</u>	Converts the first character to upper case
<u>casefold()</u>	Converts string into lower case
<u>center()</u>	Returns a centered string
<u>count()</u>	Returns the number of times a specified value occurs in a string
<u>encode()</u>	Returns an encoded version of the string
<u>endswith()</u>	Returns true if the string ends with the specified value
<u>expandtabs()</u>	Sets the tab size of the string
<u>find()</u>	Searches the string for a specified value and returns the position of where it was found
<u>format()</u>	Formats specified values in a string

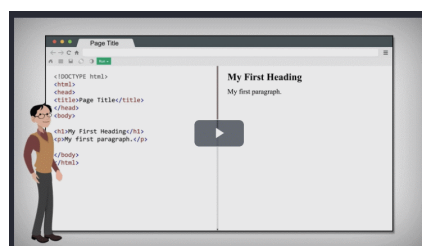
<code>format_map()</code>	Formats specified values in a string
<code>index()</code>	Searches the string for a specified value and returns the position of where it was found
<code>isalnum()</code>	Returns True if all characters in the string are alphanumeric
<code>isalpha()</code>	Returns True if all characters in the string are in the alphabet
<code>isdecimal()</code>	Returns True if all characters in the string are decimals
<code>isdigit()</code>	Returns True if all characters in the string are digits
<code>isidentifier()</code>	Returns True if the string is an identifier
<code>islower()</code>	Returns True if all characters in the string are lower case
<code>isnumeric()</code>	Returns True if all characters in the string are numeric
<code>isprintable()</code>	Returns True if all characters in the string are printable
<code>isspace()</code>	Returns True if all characters in the string are whitespaces
<code>istitle()</code>	Returns True if the string follows the rules of a title
<code>isupper()</code>	Returns True if all characters in the string are upper case
<code>join()</code>	Joins the elements of an iterable to the end of the string
<code>ljust()</code>	Returns a left justified version of the string
<code>lower()</code>	Converts a string into lower case
<code>lstrip()</code>	Returns a left trim version of the string
<code>maketrans()</code>	Returns a translation table to be used in translations
<code>partition()</code>	Returns a tuple where the string is parted into three parts
<code>replace()</code>	Returns a string where a specified value is replaced with a specified value
<code>rfind()</code>	Searches the string for a specified value and returns the last position of where it was found
<code>rindex()</code>	Searches the string for a specified value and returns the last position of where it was found
<code>rjust()</code>	Returns a right justified version of the string
<code>rpartition()</code>	Returns a tuple where the string is parted into three parts

<u>rsplit()</u>	Splits the string at the specified separator, and returns a list
<u>rstrip()</u>	Returns a right trim version of the string
<u>split()</u>	Splits the string at the specified separator, and returns a list
<u>splitlines()</u>	Splits the string at line breaks and returns a list
<u>startswith()</u>	Returns true if the string starts with the specified value
<u>strip()</u>	Returns a trimmed version of the string
<u>swapcase()</u>	Swaps cases, lower case becomes upper case and vice versa
<u>title()</u>	Converts the first character of each word to upper case
<u>translate()</u>	Returns a translated string
<u>upper()</u>	Converts a string into upper case
<u>zfill()</u>	Fills the string with a specified number of 0 values at the beginning

[< Previous](#)
[Next >](#)


NEW

We just launched
W3Schools videos



[Explore now](#)

COLOR PICKER



Get certified
by completing
a Python
course today!



Get started

CODE GAME



Play Game



[Report Error](#)

[Spaces](#)

[Pro](#)

[Get Certified](#)

Top Tutorials

[HTML Tutorial](#)
[CSS Tutorial](#)
[JavaScript Tutorial](#)
[How To Tutorial](#)
[SQL Tutorial](#)
[Python Tutorial](#)
[W3.CSS Tutorial](#)
[Bootstrap Tutorial](#)
[PHP Tutorial](#)
[Java Tutorial](#)
[C++ Tutorial](#)
[jQuery Tutorial](#)

Top References

[HTML Reference](#)
[CSS Reference](#)
[JavaScript Reference](#)
[SQL Reference](#)
[Python Reference](#)
[W3.CSS Reference](#)
[Bootstrap Reference](#)
[PHP Reference](#)
[HTML Colors](#)
[Java Reference](#)
[Angular Reference](#)
[jQuery Reference](#)

Top Examples

[HTML Examples](#)
[CSS Examples](#)
[JavaScript Examples](#)
[How To Examples](#)
[SQL Examples](#)
[Python Examples](#)

W3.CSS Examples
Bootstrap Examples
PHP Examples
Java Examples
XML Examples
jQuery Examples

Get Certified

HTML Certificate
CSS Certificate
JavaScript Certificate
Front End Certificate
SQL Certificate
Python Certificate
PHP Certificate
jQuery Certificate
Java Certificate
C++ Certificate
C# Certificate
XML Certificate

[FORUM](#) | [ABOUT](#)

W3Schools is optimized for learning and training. Examples might be simplified to improve reading and learning. Tutorials, references, and examples are constantly reviewed to avoid errors, but we cannot warrant full correctness of all content. While using W3Schools, you agree to have read and accepted our [terms of use](#), [cookie](#) and [privacy policy](#).

Copyright 1999-2022 by Refsnes Data. All Rights Reserved.
W3Schools is Powered by W3.CSS.

