

# Python String Methods

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

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

Method	Description
capitalize()	Converts the first character to upper case
casefold()	Converts string into lower case
center()	Returns a centered string
count()	Returns the number of times a specified value occurs in a string
encode()	Returns an encoded version of the string
endswith()	Returns true if the string ends with the specified value
expandtabs()	Sets the tab size of the string
find()	Searches the string for a specified value and returns the position of where it was found
format()	Formats specified values in a string
format_map()	Formats specified values in a string
index()	Searches the string for a specified value and returns the position of where it was found
isalnum()	Returns True if all characters in the string are alphanumeric
isalpha()	Returns True if all characters in the string are in the alphabet
isascii()	Returns True if all characters in the string are ascii characters
isdecimal()	Returns True if all characters in the string are decimals
isdigit()	Returns True if all characters in the string are digits
isidentifier()	Returns True if the string is an identifier
islower()	Returns True if all characters in the string are lower case
isnumeric()	Returns True if all characters in the string are numeric
isprintable()	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>	Converts the elements of an iterable into a 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
<code>rsplit()</code>	Splits the string at the specified separator, and returns a list
<code>rstrip()</code>	Returns a right trim version of the string
<code>split()</code>	Splits the string at the specified separator, and returns a list
<code>splitlines()</code>	Splits the string at line breaks and returns a list
<code>startswith()</code>	Returns true if the string starts with the specified value
<code>strip()</code>	Returns a trimmed version of the string
<code>swapcase()</code>	Swaps cases, lower case becomes upper case and vice versa
<code>title()</code>	Converts the first character of each word to upper case
<code>translate()</code>	Returns a translated string
<code>upper()</code>	Converts a string into upper case
<code>zfill()</code>	Fills the string with a specified number of 0 values at the beginning