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# Python String Methods

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

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

Learn more about strings in our [Python Strings Tutorial](#).

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