**String Methods**

# Methods

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| S.No. | Methods & | Description |
| 1 | [**capitalize()**](https://www.tutorialspoint.com/python3/string_capitalize.htm) | Capitalizes first letter of string |
| 2 | [**center(width, fillchar)**](https://www.tutorialspoint.com/python3/string_center.htm) | Returns a string padded with *fillchar* with the original string centered to a total of *width* columns. |
| 3 | [**count(str, beg = 0,end = len(string))**](https://www.tutorialspoint.com/python3/string_count.htm) | Counts how many times str occurs in string or in a substring of string if starting index beg and ending index end are given. |
| 4 | [**decode(encoding = 'UTF-8',errors = 'strict')**](https://www.tutorialspoint.com/python3/string_decode.htm) | Decodes the string using the codec registered for encoding. encoding defaults to the default string encoding. |
| 5 | [**encode(encoding = 'UTF-8',errors = 'strict')**](https://www.tutorialspoint.com/python3/string_encode.htm) | Returns encoded string version of string; on error, default is to raise a ValueError unless errors is given with 'ignore' or 'replace'. |
| 6 | [**endswith(suffix, beg = 0, end = len(string))**](https://www.tutorialspoint.com/python3/string_endswith.htm) | Determines if string or a substring of string (if starting index beg and ending index end are given) ends with suffix; returns true if so and false otherwise. |
| 7 | [**expandtabs(tabsize = 8)**](https://www.tutorialspoint.com/python3/string_expandtabs.htm) | Expands tabs in string to multiple spaces; defaults to 8 spaces per tab if tabsize not provided. |
| 8 | [**find(str, beg = 0 end = len(string))**](https://www.tutorialspoint.com/python3/string_find.htm) | Determine if str occurs in string or in a substring of string if starting index beg and ending index end are given returns index if found and -1 otherwise. |
| 9 | [**index(str, beg = 0, end = len(string))**](https://www.tutorialspoint.com/python3/string_index.htm) | Same as find(), but raises an exception if str not found. |
| 10 | [**isalnum()**](https://www.tutorialspoint.com/python3/string_isalnum.htm) | Returns true if string has at least 1 character and all characters are alphanumeric and false otherwise. |
| 11 | [**isalpha()**](https://www.tutorialspoint.com/python3/string_isalpha.htm) | Returns true if string has at least 1 character and all characters are alphabetic and false otherwise. |
| 12 | [**isdigit()**](https://www.tutorialspoint.com/python3/string_isdigit.htm) | Returns true if string contains only digits and false otherwise. |
| 13 | [**islower()**](https://www.tutorialspoint.com/python3/string_islower.htm) | Returns true if string has at least 1 cased character and all cased characters are in lowercase and false otherwise. |
| 14 | [**isnumeric()**](https://www.tutorialspoint.com/python3/string_isnumeric.htm) | Returns true if a unicode string contains only numeric characters and false otherwise. |
| 15 | [**isspace()**](https://www.tutorialspoint.com/python3/string_isspace.htm) | Returns true if string contains only whitespace characters and false otherwise. |
| 16 | [**istitle()**](https://www.tutorialspoint.com/python3/string_istitle.htm) | Returns true if string is properly "titlecased" and false otherwise. |
| 17 | [**isupper()**](https://www.tutorialspoint.com/python3/string_isupper.htm) | Returns true if string has at least one cased character and all cased characters are in uppercase and false otherwise. |
| 18 | [**join(seq)**](https://www.tutorialspoint.com/python3/string_join.htm) | Merges (concatenates) the string representations of elements in sequence seq into a string, with separator string. |
| 19 | [**len(string)**](https://www.tutorialspoint.com/python3/string_len.htm) | Returns the length of the string |
| 20 | [**ljust(width[, fillchar])**](https://www.tutorialspoint.com/python3/string_ljust.htm) | Returns a space-padded string with the original string left-justified to a total of width columns. |
| 21 | [**lower()**](https://www.tutorialspoint.com/python3/string_lower.htm) | Converts all uppercase letters in string to lowercase. |
| 22 | [**lstrip()**](https://www.tutorialspoint.com/python3/string_lstrip.htm) | Removes all leading whitespace in string. |
| 23 | [**maketrans()**](https://www.tutorialspoint.com/python3/string_maketrans.htm) | Returns a translation table to be used in translate function. |
| 24 | [**max(str)**](https://www.tutorialspoint.com/python3/string_max.htm) | Returns the max alphabetical character from the string str. |
| 25 | [**min(str)**](https://www.tutorialspoint.com/python3/string_min.htm) | Returns the min alphabetical character from the string str. |
| 26 | [**replace(old, new [, max])**](https://www.tutorialspoint.com/python3/string_replace.htm) | Replaces all occurrences of old in string with new or at most max occurrences if max given. |
| 27 | [**rfind(str, beg = 0,end = len(string))**](https://www.tutorialspoint.com/python3/string_rfind.htm) | Same as find(), but search backwards in string. |
| 28 | [**rindex( str, beg = 0, end = len(string))**](https://www.tutorialspoint.com/python3/string_rindex.htm) | Same as index(), but search backwards in string. |
| 29 | [**rjust(width,[, fillchar])**](https://www.tutorialspoint.com/python3/string_rjust.htm) | Returns a space-padded string with the original string right-justified to a total of width columns. |
| 30 | [**rstrip()**](https://www.tutorialspoint.com/python3/string_rstrip.htm) | Removes all trailing whitespace of string. |
| 31 | [**split(str="", num=string.count(str))**](https://www.tutorialspoint.com/python3/string_split.htm) | Splits string according to delimiter str (space if not provided) and returns list of substrings; split into at most num substrings if given. |
| 32 | [**splitlines( num=string.count('\n'))**](https://www.tutorialspoint.com/python3/string_splitlines.htm) | Splits string at all (or num) NEWLINEs and returns a list of each line with NEWLINEs removed. |
| 33 | [**startswith(str, beg=0,end=len(string))**](https://www.tutorialspoint.com/python3/string_startswith.htm) | Determines if string or a substring of string (if starting index beg and ending index end are given) starts with substring str; returns true if so and false otherwise. |
| 34 | [**strip([chars])**](https://www.tutorialspoint.com/python3/string_strip.htm) | Performs both lstrip() and rstrip() on string |
| 35 | [**swapcase()**](https://www.tutorialspoint.com/python3/string_swapcase.htm) | Inverts case for all letters in string. |
| 36 | [**title()**](https://www.tutorialspoint.com/python3/string_title.htm) | Returns "titlecased" version of string, that is, all words begin with uppercase and the rest are lowercase. |
| 37 | [**translate(table, deletechars="")**](https://www.tutorialspoint.com/python3/string_translate.htm) | Translates string according to translation table str(256 chars), removing those in the del string. |
| 38 | [**upper()**](https://www.tutorialspoint.com/python3/string_upper.htm) | Converts lowercase letters in string to uppercase. |
| 39 | [**zfill (width)**](https://www.tutorialspoint.com/python3/string_zfill.htm) | Returns original string leftpadded with zeros to a total of width characters; intended for numbers, zfill() retains any sign given (less one zero). |
| 40 | [**isdecimal()**](https://www.tutorialspoint.com/python3/string_isdecimal.htm) | Returns true if a unicode string contains only decimal characters and false otherwise. |

# Methods To Check Alpha Numeric

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| 1 | [**isalnum()**](https://www.tutorialspoint.com/python3/string_isalnum.htm) | Returns true if string has at least 1 character and all characters are alphanumeric and false otherwise. |
| 2 | [**isalpha()**](https://www.tutorialspoint.com/python3/string_isalpha.htm) | Returns true if string has at least 1 character and all characters are alphabetic and false otherwise. |
| 3 | [**isdigit()**](https://www.tutorialspoint.com/python3/string_isdigit.htm) | Returns true if string contains only digits and false otherwise. |
| 4 | [**islower()**](https://www.tutorialspoint.com/python3/string_islower.htm) | Returns true if string has at least 1 cased character and all cased characters are in lowercase and false otherwise. |
| 5 | [**isnumeric()**](https://www.tutorialspoint.com/python3/string_isnumeric.htm) | Returns true if a unicode string contains only numeric characters and false otherwise. |
| 6 | [**isspace()**](https://www.tutorialspoint.com/python3/string_isspace.htm) | Returns true if string contains only whitespace characters and false otherwise. |
| 7 | [**istitle()**](https://www.tutorialspoint.com/python3/string_istitle.htm) | Returns true if string is properly "titlecased" and false otherwise. |
| 8 | [**isupper()**](https://www.tutorialspoint.com/python3/string_isupper.htm) | Returns true if string has at least one cased character and all cased characters are in uppercase and false otherwise. |
| 9 | [**isdecimal()**](https://www.tutorialspoint.com/python3/string_isdecimal.htm) | Returns true if a unicode string contains only decimal characters and false otherwise. |

# Other Methods

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| 2 | [**center(width, fillchar)**](https://www.tutorialspoint.com/python3/string_center.htm) | Returns a string padded with *fillchar* with the original string centered to a total of *width* columns. |
| 3 | [**count(str, beg = 0,end = len(string))**](https://www.tutorialspoint.com/python3/string_count.htm) | Counts how many times str occurs in string or in a substring of string if starting index beg and ending index end are given. |
| 4 | [**decode(encoding = 'UTF-8',errors = 'strict')**](https://www.tutorialspoint.com/python3/string_decode.htm) | Decodes the string using the codec registered for encoding. encoding defaults to the default string encoding. |
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| 6 | [**endswith(suffix, beg = 0, end = len(string))**](https://www.tutorialspoint.com/python3/string_endswith.htm) | Determines if string or a substring of string (if starting index beg and ending index end are given) ends with suffix; returns true if so and false otherwise. |
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| 8 | [**find(str, beg = 0 end = len(string))**](https://www.tutorialspoint.com/python3/string_find.htm) | Determine if str occurs in string or in a substring of string if starting index beg and ending index end are given returns index if found and -1 otherwise. |
| 9 | [**index(str, beg = 0, end = len(string))**](https://www.tutorialspoint.com/python3/string_index.htm) | Same as find(), but raises an exception if str not found. |
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| 20 | [**ljust(width[, fillchar])**](https://www.tutorialspoint.com/python3/string_ljust.htm) | Returns a space-padded string with the original string left-justified to a total of width columns. |
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| 38 | [**upper()**](https://www.tutorialspoint.com/python3/string_upper.htm) | Converts lowercase letters in string to uppercase. |
| 39 | [**zfill (width)**](https://www.tutorialspoint.com/python3/string_zfill.htm) | Returns original string leftpadded with zeros to a total of width characters; intended for numbers, zfill() retains any sign given (less one zero). |

# END