

# Basic String Operations

- | • 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 |

- `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
- `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
- `isspace()` Returns True if all characters in the string are whitespaces
- `istitle()` Returns True if the string follows the rules of a title
- `isupper()` Returns True if all characters in the string are upper case

- `join()` Joins the elements of an iterable to the end of the string
- `ljust()` Returns a left justified version of the string
- `lower()` Converts a string into lower case
- `lstrip()` Returns a left trim version of the string
- `maketrans()` Returns a translation table to be used in translations
- `partition()` Returns a tuple where the string is parted into three parts
- `replace()` Returns a string where a specified value is replaced with a specified value
- `rfind()` Searches the string for a specified value and returns the last position of where it was found
- `rindex()` Searches the string for a specified value and returns the last position of where it was found
- `rjust()` Returns a right justified version of the string
- `rpartition()` Returns a tuple where the string is parted into three parts
- `rsplit()` Splits the string at the specified separator, and returns a list

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