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| Method |  | Example |  | Description |
| [upper()](https://www.w3schools.com/python/ref_string_upper.asp) | xt = "Hello my friends" | x = txt.upper() | HELLO MY FRIENDS |  |
| [lower()](https://www.w3schools.com/python/ref_string_lower.asp) | txt = "Hello my FRIENDS" | x = txt.lower() | hello my friends |  |
| [capitalize()](https://www.w3schools.com/python/ref_string_capitalize.asp) | txt = "hello, and welcome to my world." | x = txt.capitalize() | print (x) | Converts the first character to uppercase |
| [title()](https://www.w3schools.com/python/ref_string_title.asp) | txt = "Welcome to my world" | x = txt.title() | Welcome To My World | Converts the first character of each word to upper case |
| [replace()](https://www.w3schools.com/python/ref_string_replace.asp) | txt = "I like bananas" | x = txt.replace("bananas", "apples") | I like apples | Returns a string where a specified value  is replaced with a specified value |
| [join()](https://www.w3schools.com/python/ref_string_join.asp) | myTuple = ("John", "Peter", "Vicky") | x = "#".join(myTuple) | John#Peter#Vicky | Joins the elements of an iterable  to the end of the string |
| [split()](https://www.w3schools.com/python/ref_string_split.asp) | xt = "welcome to the jungle" | x = txt.split() | ['welcome', 'to', 'the', 'jungle'] | Splits the string at the specified separator,  and returns a list |
| [splitlines()](https://www.w3schools.com/python/ref_string_splitlines.asp) | txt = "Thank you for the music\nWelcome to the jungle" | x = txt.splitlines() | ['Thank you for the music', 'Welcome to the jungle'] | Splits the string at line breaks and returns a list |
| [strip()](https://www.w3schools.com/python/ref_string_strip.asp) | xt = " banana " | x = txt.strip() | print("of all fruits", x, "is my favorite") | Returns a trimmed version of the string |
| [swapcase()](https://www.w3schools.com/python/ref_string_swapcase.asp) | txt = "Hello My Name Is PETER" | x = txt.swapcase() | hELLO mY nAME iS peter | Swaps cases, lower case becomes upper case and vice versa |
| [count()](https://www.w3schools.com/python/ref_string_count.asp) | txt = "I love apples, apple are my favorite fruit" | x = txt.count("apple") | 2 | Returns the number of times a specified value occurs in a string |
| [startswith()](https://www.w3schools.com/python/ref_string_startswith.asp) | txt = "Hello, welcome to my world." | x = txt.startswith("Hello") | TRUE | Returns true if the string starts with the specified value |
| [endswith()](https://www.w3schools.com/python/ref_string_endswith.asp) | txt = "Hello, welcome to my world." | x = txt.endswith(".") | TRUE | Returns true if the string ends with the specified value |
| [find()](https://www.w3schools.com/python/ref_string_find.asp) | txt = "Hello, welcome to my world." | x = txt.find("welcome") | 7 | returns the position of word where it was found |
| [format()](https://www.w3schools.com/python/ref_string_format.asp) | txt = "For only {price:.2f} dollars!" | print(txt.format(price = 49)) | For only 49.00 dollars! | Formats specified values in a string |
| [index()](https://www.w3schools.com/python/ref_string_index.asp) | txt = "Hello, welcome to my world." | x = txt.index("welcome") | 7 | returns the position of where it was found |

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| Method | Example |  | Output | Description |
| [istitle()](https://www.w3schools.com/python/ref_string_istitle.asp) | txt = "Hello, And Welcome To My World!" | x = txt.istitle() | TRUE | Returns True if the string follows the rules of a title |
| [isupper()](https://www.w3schools.com/python/ref_string_isupper.asp) | txt = "THIS IS NOW!" | x = txt.isupper() | TRUE | Returns True if all characters in the string are upper case |
| [islower()](https://www.w3schools.com/python/ref_string_islower.asp) | txt = "hello world!" | x = txt.islower() | TRUE | Returns True if all characters in the string are lower case |
| [isalnum()](https://www.w3schools.com/python/ref_string_isalnum.asp) | txt = "Company12" | x = txt.isalnum() | TRUE | Returns True if all characters in the string are alphanumeric |
| [isnumeric()](https://www.w3schools.com/python/ref_string_isnumeric.asp) | txt = "565543" | x = txt.isnumeric() | TRUE | Returns True if all characters in the string are numeric |
| [isdigit()](https://www.w3schools.com/python/ref_string_isdigit.asp) | txt = "50800" | x = txt.isdigit() | TRUE | Returns True if all characters in the string are digits |
| [isalpha()](https://www.w3schools.com/python/ref_string_isalpha.asp) | txt = "Company" | x = txt.isalpha() | TRUE | Returns True if all characters in the string are in the alphabet |
| [isdecimal()](https://www.w3schools.com/python/ref_string_isdecimal.asp) | txt = "CompanyX" | x = txt. isdecimal() | TRUE | Returns True if all characters in the string are decimals |
| [isidentifier()](https://www.w3schools.com/python/ref_string_isidentifier.asp) | txt = "Demo" | x = txt.isidentifier() | TRUE | Returns True if the string is an identifier |
| [isspace()](https://www.w3schools.com/python/ref_string_isspace.asp) | txt = " " | x = txt.isspace() | TRUE | Returns True if all characters in the string are whitespaces |
| [lstrip()](https://www.w3schools.com/python/ref_string_lstrip.asp) | txt = " banana " | x = txt.lstrip() | print("of all fruits", x, "is my favorite") | Returns a left trim version of the string |

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| **Method** | Example | | x = txt.istitle() | **Description** |
| [rfind()](https://www.w3schools.com/python/ref_string_rfind.asp) | txt = "Mi casa, su casa." | x = txt.rfind("casa") | 12 | Searches the string for a specified value and returns the last position of where it was found |
| [rindex()](https://www.w3schools.com/python/ref_string_rindex.asp) | txt = "Mi casa, su casa." | x = txt.rindex("casa") | 12 | Searches the string for a specified value and returns the last position of where it was found |
| [rpartition()](https://www.w3schools.com/python/ref_string_rpartition.asp) | txt = "I could eat bananas all day, bananas are my favorite fruit" | x = txt.rpartition("bananas") | ('I could eat bananas all day, ', 'bananas', ' are my favorite fruit') | Returns a tuple where the string is parted into three parts |
| [rsplit()](https://www.w3schools.com/python/ref_string_rsplit.asp) | txt = "apple, banana, cherry" | x = txt.rsplit(", ") | ['apple', 'banana', 'cherry'] | Splits the string at the specified separator, and returns a list |
| [rstrip()](https://www.w3schools.com/python/ref_string_rstrip.asp) | txt = " banana " | x = txt.rstrip() | print("of all fruits", x, "is my favorite") | Returns a right trim version of the string |
| [translate()](https://www.w3schools.com/python/ref_string_translate.asp) | #use a dictionary with ascii codes to replace 83 (S) with 80 (P): | mydict = {83: 80} | txt = "Hello Sam!" | Returns a translated string |
| [zfill()](https://www.w3schools.com/python/ref_string_zfill.asp) | xt = "50" | x = txt.zfill(10) | 0000000050s | Fills the string with a specified number of 0 values at the beginning |
| [ljust()](https://www.w3schools.com/python/ref_string_ljust.asp) | txt = "banana" | x = txt.ljust(20) | print(x, "is my favorite fruit.") | Returns a left-justified version of the string |
| [rjust()](https://www.w3schools.com/python/ref_string_rjust.asp) | txt = "banana" | x = txt.rjust(20) | print(x, "is my favorite fruit.") | Returns a right justified version of the string |
| [center()](https://www.w3schools.com/python/ref_string_center.asp) | txt = "banana" | x = txt.center(20) | banana | Returns a centered string |
| [casefold()](https://www.w3schools.com/python/ref_string_casefold.asp) | txt = "Hello, And Welcome To My World!" | x = txt.casefold() | hello, and welcome to my world! | Converts string into lower case |
| [encode()](https://www.w3schools.com/python/ref_string_encode.asp) | txt = "My name is Ståle" | x = txt.encode() | b'My name is St\xc3\xe5le' | Returns an encoded version of the string |
| [expandtabs()](https://www.w3schools.com/python/ref_string_expandtabs.asp) | txt = "H\te\tl\tl\to" | x = txt.expandtabs(2) | H e l l o | Sets the tab size of the string |
| [isprintable()](https://www.w3schools.com/python/ref_string_isprintable.asp) | txt = "Hello! Are you #1?" | x = txt.isprintable() | TRUE | Returns True if all characters in the string are printable |
| [maketrans()](https://www.w3schools.com/python/ref_string_maketrans.asp) | txt = "Hello Sam!" | mytable = txt.maketrans("S", "P") | print(txt.translate(mytable)) | Returns a translation table to be used  in translations |
| [partition()](https://www.w3schools.com/python/ref_string_partition.asp) | txt = "I could eat bananas all day" | x = txt.partition("bananas") | ('I could eat ', 'bananas', ' all day') | Returns a tuple where the string is  parted into three parts |