STRING

Operations and Functions in Python

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https://chlorinexxe.github.io/portfolio

Creation

- str( ) : Create a new string object
- ‘string here’ : Create a string with quotes with double , triple , multiline string

Manipulation

- capitalize( ) : Return a copy of the string with its first character capitalized and the rest lowercased
- casefold( ) : Return a casefolded copy of the string, suitable for case-insensitive comparisons
- center ( ) : Return a centered string of length width with the original string centered and padded with fillchar
- encode ( ) : Return an encoded version of the string as a bytes object
- expandtabs( ) : Return a copy of the string where all tab characters are replaced by spaces
- join( ) : Concatenate strings from the iterable with the original string as a separator
- ljust( ) : Return a left-justified string of length width with the original string left-justified and padded
- lstrip( ) : Return a copy of the string with leading whitespace or characters removed

Manipulation

- partition( ) : Separates the string into 3 parts
- replace( ) : Return a copy of the string with all occurrences of substring old replaced by new
- rstrip( ) : Return a copy of the string with trailing whitespace or characters removed
- split ( ) : Return a list of words in the string using sep as the delimiter
- strip( ) : Return a copy of the string with leading and trailing whitespace or characters removed
- swapcase( ) : Return a copy of the string with uppercase characters converted to lowercase and vice versa
- title( ) : Return a titlecased version of the string
- translate( ) : Return a copy of the string with each character mapped through the given translation table.
- zfill( ) : Return a copy of the string padded with zeros on the left

Inspection

- count ( ) : Return the number of occurrences of substring sub in the range
- endswith ( ) : Check if the string ends with the specified suffix
- find ( ) : Return the lowest index in the string where substring sub is found
- index ( ) : Like find , but raise ValueError when the substring is not found
- isalnum( ) : Check if all characters in the string are alphanumeric
- isalpha( ) : Check if all characters in the string are alphabetic
- isascii( ) : Check if all characters in the string are ASCII
- isdecimal( ) : Check if all characters in the string are decimal characters
- isdigit( ) : Check if all characters in the string are digits
- isidentifier( ) : Check if the string is a valid identifier

Inspection

- islower( ) : Check if all alphabetic characters in the string are lowercase
- isnumeric( ) : Check if all characters in the string are numeric
- isprintable( ) : Check if all characters in the string are printable
- isspace( ) : Check if all characters in the string are whitespace
- istitle( ) : Check if the string is titlecased
- isupper( ) : Check if all alphabetic characters in the string are uppercase
- startswith( ) : Check if the string starts with the specified prefix

Transformation

- lower( ) : Return a copy of the string converted to lowercase
- upper( ) : Return a copy of the string converted to uppercase
- swapcase( ) : Return a copy of the string with uppercase characters converted to lowercase and vice versa
- title( ) : Return a titlecased version of the string

Formatting

- format( ) : Perform string formatting with arguments
- format_map( ) : Perform string formatting with a mapping object

Miscellaneous

- maketrans ( ): Return a translation table for str.translate
- zfill( ) : Return a copy of the string padded with zeros on the left

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Thank You for Your Support

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