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STRINGS

- · Collection of characters; type of each character is also "It"
- · Iterable

• Indenable "chan" type in Python

- · Immutable
- · String functions do not modify the original string; they return new strings or other values

Note: chr () function

chr (ASCII value)

returns the character

corresponding to specified

ASCII value

Note: doestring
Right after the definition of a function, you can define a multiline string that will be taken as the doestring for that particular function. You can point only the doestring of a function without calling it like so:

print (func_name.__doc__)

Posstrings are used to store information about functions and especially helps when you're working on code that other people will work on as well.

g: def myfune():

This is a doestring.

Toon store info here."""

print (myfune.—doe—)

This is a docstring.
I can store info here.

single line / Multiline

a = "Hello world"

"Hello world"

world"

used to type string into multiple lines, but actual value is still a single line string

a = "Hello world"

"Hello world"

"Hello world"

"Hello world"

"Hello world"

triple quotes give multiline strings

STRING FUNCTIONS

Use help (str) in interpreter mode to get a list of all string functions

Use help (stn) in interpreter mode to get a list of all string functions

1 split ()

str-name. split (value-to-split_at, mansplit = n)

If nothing is specified, splits string at every black space to form a list. If value to split at is specified, splits the string at every occurrence of that value.

Specifying mansplit sets the maximum number of splits to be done

2 splittines ()
str-name. splitlines ()
Splits multiline strings at line breaks

3 strip (), nestrip (), letrip ()

removes white spaces at left end of string removes white spaces at right end of string removes white spaces at both ends of string

4 join ()
sta-name join (iterable)
Jakes each element of the

Jakes each element of the given iterable and join them with the called string in alternate.

29. ".". join (["ab", "bc", "cd"])

OUTPUT

"ab. bc. cd"

5) replace ()

str_name. replace ("old-value", "new-value", count = n)
Returns a copy of the string with all occurrences of old-value replaced with
new-value if count is not specified.

If specified, count is the no. of occurrences from the start of the string that will

be replaced

6) Starkwith ("value", start, and) / ands with ("value", start, and)

6 Startswith ("value", start, end) / ends with ("value", start, end)

Checks if a string starts / ands with specified value.

Optional start and end index values can be given to check a specific range instead of a single value.