Python String Methods

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str.capitalize()

Converts first character to uppercase.

```
"python".capitalize()  ⟶  'Python'
```

casefold()

Converts String to lowercase. Better for case insensitive search.

```
"Straße".casefold()  ⟶  'strasse'
```

count()

Returns the count of occurence of a substring in a string.

```
"Python & more Python".count('Python')  ⟶  2
```

center()

It will center align the string, using a specified character

```
"Python".center(10,'_')  ⟶  '__Python__'
```

endswith()

returns True if the string ends with the specified value.

```
"Python is love".endswith("love")  ⟶  True
```

str.isalnum()

Returns True if all characters in string are alphanumeric.

```
"ILovePython1".isalnum()  ⟶  True
```

str.isalpha()

Returns true if all characters of string are alphabet.

```
"Ilovepython".isalpha()  ⟶  True
```

str.isdecimal()

Returns True if all characters in the string are decimals.

```
"2123".isdecimal()  ⟶  True
```

str.isdigit()

Returns True if all characters in the string are digits.

```
"23yHi".isdigit()  ⟶  False
```

str.islower()

Returns True if all characters in the string are lowercase.

```
"ilovepython".islower()  ⟶  True
```

str.isupper()

Returns True if all characters in the string are uppercase.

```
"I LOVE PYTHON".isupper()  ⟶  True
```

upper()

Converts string into upper case.

```
"AditYA".upper()  ⟶  'ADITYA'
```

lower()

Converts string into lower case.

```
"AditYA".lower()  ⟶  'aditya'
```

join()

takes all items in iterable & joins them into one string.

```
'#'.join(("Python", "JS"))  ⟶  'Python#JS'
```

find()

finds the first occurrence of the specified value.

```
"This is python cheat".find("cheat")  ⟶  15
```

split()
Splits the string at the specified separator & returns a list.

"I Love Python".split() → ['I', 'Love', 'python']

replace()
Replaces a specified phrase with another specified phrase.

"I love JS".replace('JS','python') → 'I love python'

strip()
Removes spaces at beginning and end of string.

" Python ".strip() → 'Python'

swapcase()
Make the lower case letters upper case and vice-versa.

"pyTHOn".swapcase() → 'PYthoN'

title()
Returns a string in title format.

"i Love python".title() → 'I Love Python'

isprintable()
Returns True if all characters in the string are printable.

"I \n Love Python".isprintable() → False

partition()
It searches for a specified string, and splits the string into a tuple containing three elements.

"I enjoy writing Python".partition("writing") → ('I enjoy ', 'writing', ' Python')