

Python String Methods

String is a sequence of characters. In Python, this textual data is handled using `str` objects.

Python String Methods

In this tutorial, we will learn about some of the String methods in Python like counting occurrences of a sub-string in a string, joining elements of an iterable and returning a string, checking if a string ends with the sub-string, etc.

String Count

str.count() – This python string method counts the number of occurrences of the sub-string, in the string, in the given index range of [start, end]. start and end are optional arguments.

example.py – Python Program

```
# string
s1 = "Hello World. Hello User."
#sub-string
s2 = "Hello"
#str.count(sub)
count = s1.count(s2)

print(count) #output: 2
```

More examples for str.count.

String Join

str.join() – This python string method accepts an iterable as argument, joins all the items in the iterable and returns the resulting string.

example.py – Python Program

```
# iterable
list = ['Hello', 'World']
#str.join(iterable)
s1 = str().join(list)

print(s1) #output: HelloWorld
```

More examples for str.join()

String Ends With

str.endswith() – This python string method is used to check if the string ends with the sub-string passed as argument; in the given index range of [start, end], if provided.

example.py – Python Program

```
#string
s1 = 'Hello World'
#sub-string
s2 = 'rld'
#str.endswith(sub)
b = s1.endswith(s2)

print(b) #output: True
```

More examples for `str.endswith()`

String Capitalize

str.capitalize() – This python string function returns string with its first character converted to upper case.

example.py – Python Program

```
#string
s1 = 'hello world'
#capitalize
s2 = s1.capitalize()

print(s2) #output: Hello world
```

More examples for `str.capitalize()`.

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