



String

Methods

in Python

join()

Converts the elements of an **iterable** into a **string**.

```
feel = ["Sad", "Happy", "Angry"]  
string = ''.join(feel)  
print(string)
```

Output

"Sad Happy Angry"

split()

Splits the **string** at the **specified** separator, and returns a **list**.

```
person = "Jack,John,Jerry"  
separator = ','  
print(person.split(separator))
```

Output

```
['Jack', 'John', 'Jerry']
```

title()

Converts the **first** character of each word to **upper case**.

```
string = "medical medal mars"  
print(string.title())
```

Output

"Medical Medal Mars"

replace()

Returns a **string** where a **specified** value is replaced with a **specified** value.

```
intro = "I am a programmer"  
new = intro.replace("programmer", "doctor")  
print(new)
```

Output

"I am a doctor"

upper()

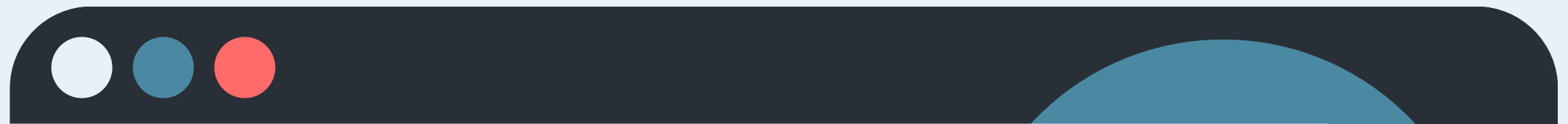
Converts a **string** into upper case.

```
animal = "lion"  
print(animal.upper())
```

Output

"LION"

lower()



Converts a **string** into **lower case**.

```
animal = "SHEEP"  
print(animal.lower())
```

Output

"sheep"



casefold()

Converts **string** into **lower case**.

```
job = "PROGRAMMER"  
print(job.casefold())
```

Output

"programmer"

capitalize()

Converts the **first** character to **upper** case.

```
capital = "tokyo"  
print(capital.capitalize())
```

Output

"Tokyo"

swapcase()

Lower case becomes upper case and vice versa.

```
capital = "perSON"  
print(capital.swapcase())
```

Output

"PERson"

count()

Returns the **number** of times a **specified value occurs** in a **string**.

```
string = "Python is a programming language"  
count = string.count('a')  
print(count)
```

Output

4

index()

Searches the **string** for a **specified value** and returns the **position**.

```
string = "Python is a programming language"  
index = string.index('a')  
print(index)
```

Output

10

rindex()

Searches the **string** for a specified **value** and returns the **last position**.

```
string = "Python is a programming language"  
index = string.rindex('a')  
print(index)
```

Output

29

find()

Searches the **string** for a **specified value** and returns the **position**.

```
string = "Python is a programming language"  
pos = string.find('i')  
print(pos)
```

Output

7

startswith()

Returns **True** if the **string** **starts** with the **specified** **value**.

```
string = "Hello World"  
print(string.startswith('H'))
```

Output

True

endswith()

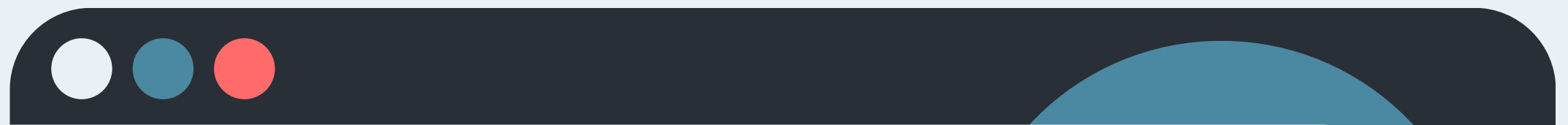
Returns **True** if the **string ends** with the **specified value**.

```
string = "Hello World"  
print(string.endswith('s'))
```

Output

False

format()



Formats **specified** values in a string.

```
string = "{0} is a programming language"  
print(string.format("Python"))
```

Output

"Python is a programming language"



isalnum()

Returns **True** if **all** characters in the string are **alphanumeric**.

```
string = "Python3"  
print(string.isalnum())
```

Output

True

isalpha()

Returns **True** if **all** characters in the string are in the **alphabet**.

```
string = "Python"  
print(string.isalpha())
```

Output

True

isnumeric()

Returns **True** if **all** characters in the string are **numeric**.

```
string = "2023"  
print(string.isnumeric())
```

Output

True

strip()

Returns a **trimmed** version of the **string**.

```
string = " Python is a programming language "  
strip = string.strip()  
print(strip)
```

Output

"Python is a programming language"

center()

Returns a **centered string**.

```
job = "doctor"  
print(job.center(15))
```

Output

```
"  doctor  "
```

rjust()

Returns a **right justified** version of the **string**.

```
string = "Python"  
rightJustify = string.rjust(20)  
print(rightJustify)
```

Output

" Python"

ljust()

Returns a **left justified** version of the **string**.

```
string = "Python"  
leftJustify = string.ljust(20)  
print(leftJustify)
```

Output

"Python"