

## string functions

### ▼ string.upper()

```
s = 'python'  
print(s.upper())
```

PYTHON

```
print(id(s))
```

140358807125104

```
s = 'python'  
s1 = s.upper()  
print(s, id(s))  
print(s1, id(s1))
```

python 140358807125104  
PYTHON 140358445510384

```
s = 'PYTHON'  
s1 = s.upper()  
print(s, id(s))  
print(s1, id(s1))
```

PYTHON 140358802833584  
PYTHON 140358445431984

```
s = '12345'  
s1 = s.upper()  
print(s, id(s))  
print(s1, id(s1))
```

12345 140358445575152  
12345 140358445678768

### ▼ string.lower()

```
s = 'Python'  
s1 = s.lower()  
print(s, id(s))  
print(s1, id(s1))
```

Python 140358807123696  
python 140358445502320

### ▼ string.isupper()

```
s = 'PYTHON'  
print(s.isupper())
```

True

```
s = 'PYTHOn'  
print(s.isupper())
```

False

```
s = 'PYTHON3'  
print(s.isupper())
```

True

```
s = '12345'  
print(s.isupper())
```

False

```
s = 'PYTHON@3'  
print(s.isupper())
```

True

### ▼ **string.islower()**

```
s = 'python'  
print(s.islower())
```

True

```
s = 'python3'  
print(s.islower())
```

True

```
s = '38291'  
print(s.islower())
```

False

```
s = 'python_javascript'  
print(s.islower())
```

True

```
s = '!_!_!_'  
print(s.islower())
```

False

### ▼ **string.title()**

```
s = 'hyderabad'  
print(s.title())
```

Hyderabad

```
s = 'HYDERABAD'  
print(s.title())
```

Hyderabad

```
s = 'Hyderabad'  
print(s.title())
```

Hyderabad

```
s = 'hYDERABAD'  
print(s.title())
```

Hyderabad

```
s = 'python3'  
print(s.title())
```

Python3

```
s = '3python'  
print(s.title())
```

3Python

```
s = '12345a'  
print(s.title())
```

12345A

```
s = '12345ABCD'  
print(s.title())
```

12345Abcd

```
s = 'good morning'  
print(s.title())
```

Good Morning

```
s = 'p1y2t3h4o5n6'  
print(s.title())
```

P1Y2T3H4O5N6

## ▼ string.capitalize()

```
s = 'python'  
print(s.capitalize())
```

Python

```
s = 'PYTHON'  
print(s.capitalize())
```

Python

```
s = 'pYTHON'  
print(s.capitalize())
```

Python

```
s = 'python3'  
print(s.capitalize())
```

Python3

```
s = 'good morning'  
print(s.capitalize())
```

Good morning

```
s = '3python'  
print(s.capitalize())
```

3python

```
s = '3PYTHON'  
print(s.capitalize())
```

3python

#### ▼ **string.isalpha()**

```
s = 'javascript'  
print(s.isalpha())
```

True

```
s = 'python3'  
print(s.isalpha())
```

False

```
s = 'java script'  
print(s.isalpha())
```

False

#### ▼ **string.isdigit()**

```
s = '12345'  
print(s.isdigit())
```

True

```
s = '1 2 3 4 5'  
print(s.isdigit())
```

False

#### ▼ **string.isalnum()**

```
s = 'python'
print(s.isalnum())
```

True

```
s = '12345'
print(s.isalnum())
```

True

```
s = 'python12345'
print(s.isalnum())
```

True

```
s = 'python 12345'
print(s.isalnum())
```

False

### ▼ **string.count()**

```
s = 'good morning'
print(s.count('o'))
```

3

```
s = 'good morning'
print(s.count('g'))
```

2

```
s = 'good morning'
print(s.count('a'))
```

0

```
s = 'good morning'
print(s.count('good'))
```

1

```
s = 'good morning'
print(s.count('good morning'))
```

1

```
s = 'python'
# pto
# nhY
# Python
# pythoN
```

```
s = 'python'  
print(s[::2])
```

pto

```
s = 'python'  
print(s[::-2])
```

nh y

```
s = 'python'  
print(s.title())
```

Python

```
s = 'python'  
print(s[::-1].title()[::-1])
```

pythoN

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✓ 0s completed at 1:09 PM

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