

```
In [1]: int(2)
int
```

```
Out[1]: int
```

```
In [2]: int(2)
```

```
Out[2]: 2
```

```
In [3]: int(2.5)
```

```
Out[3]: 2
```

```
In [4]: int("2")
```

```
Out[4]: 2
```

```
In [5]: int(True)
```

```
Out[5]: 1
```

```
In [6]: int(False)
```

```
Out[6]: 0
```

```
In [7]: int(1+2j)
```

```
-----
TypeError                                Traceback (most recent call last)
Cell In[7], line 1
----> 1 int(1+2j)

TypeError: int() argument must be a string, a bytes-like object or a real number, not 'complex'
```

```
In [8]: int(true)
```

```
-----
NameError                                Traceback (most recent call last)
Cell In[8], line 1
----> 1 int(true)

NameError: name 'true' is not defined
```

```
In [9]: int(false)
```

```
-----
NameError                                Traceback (most recent call last)
Cell In[9], line 1
----> 1 int(false)

NameError: name 'false' is not defined
```

```
In [10]: float(2)
```

```
Out[10]: 2.0
```

```
In [11]: float(2.5)
```

```
Out[11]: 2.5
```

```
In [12]: float(True)
```

```
Out[12]: 1.0
```

```
In [13]: flaot(False)
```

```
-----  
NameError                                Traceback (most recent call last)  
Cell In[13], line 1  
----> 1 flaot(False)  
  
NameError: name 'flaot' is not defined
```

```
In [14]: float(False)
```

```
Out[14]: 0.0
```

```
In [15]: float("2.5")
```

```
Out[15]: 2.5
```

```
In [16]: float('2.5')
```

```
Out[16]: 2.5
```

```
In [17]: float("'2.5'")
```

```
Cell In[17], line 1  
    float("'2.5'")  
          ^  
SyntaxError: unterminated string literal (detected at line 1)
```

```
In [18]: float('"2.5"')
```

```
Cell In[18], line 1  
    float('"2.5"')  
          ^  
SyntaxError: unterminated string literal (detected at line 1)
```

```
In [19]: float(''2'')
```

```
Out[19]: 2.0
```

```
In [20]: float(''2.5'')
```

Out[20]: 2.5

In [21]: `float(2+3j)`

```
-----  
TypeError                                Traceback (most recent call last)  
Cell In[21], line 1  
----> 1 float(2+3j)  
  
TypeError: float() argument must be a string or a real number, not 'complex'
```

In [22]: `str(8)`

Out[22]: '8'

In [23]: `str('8')`

Out[23]: '8'

In [24]: `str("8")`

Out[24]: '8'

In [25]: `str(''8'')`

Out[25]: '8'

In [26]: `str(8.5)`

Out[26]: '8.5'

In [27]: `str(True)`

Out[27]: 'True'

In [28]: `str(False)`

Out[28]: 'False'

In [29]: `str(True)`

Out[29]: 'True'

In [30]: `str(False)`

Out[30]: 'False'

In [31]: `str()`

Out[31]: ''

In [32]: `str()`

Out[32]: ''

In [33]: `str(1+2j)`

Out[33]: `'(1+2j)'`

In [34]: `str('1+2j')`

Out[34]: `'1+2j'`

In [35]: `bool(10.5)`

Out[35]: `True`

In [36]: `bool()`

Out[36]: `False`

In [37]: `bool(o)`

```
-----
NameError                                Traceback (most recent call last)
Cell In[37], line 1
----> 1 bool(o)

NameError: name 'o' is not defined
```

In [38]: `bool(ten)`

```
-----
NameError                                Traceback (most recent call last)
Cell In[38], line 1
----> 1 bool(ten)

NameError: name 'ten' is not defined
```

In [39]: `bool('o')`

Out[39]: `True`

In [40]: `complex(true)`

```
-----
NameError                                Traceback (most recent call last)
Cell In[40], line 1
----> 1 complex(true)

NameError: name 'true' is not defined
```

In [41]: `complex(True)`

Out[41]: `(1+0j)`

In [42]: `complex('False')`

ValueError

Traceback (most recent call last)

Cell **In[42]**, line **1**

----> 1 `complex('False')`

ValueError: complex() arg is a malformed string

`complex('false')`