

```
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  
Cell In[7], line 1  
----> 1 int(1+2j)
```

```
Traceback (most recent call last)
```

```
TypeError: int() argument must be a string, a bytes-like object or a real number, no  
t 'complex'
```

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

```
-----  
NameError  
Cell In[8], line 1  
----> 1 int(true)
```

```
Traceback (most recent call last)
```

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

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

```
-----  
NameError  
Cell In[9], line 1  
----> 1 int(false)
```

```
Traceback (most recent call last)
```

```
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  
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')
```