

```
n [3]:      1  #    task 4
           2  ## type function
           3
           4  s=12
           5  a=24.33
           6  n=24+3j
           7  f=False
           8  c=True
           9
          10  print(type(s))
          11  print(type(a))
          12  print(type(n))
          13  print(type(f))
          14  print(type(c))
```

<class 'int'>

<class 'float'>

<class 'complex'>

<class 'bool'>

<class 'bool'>

```
In [1]: 1 # type conversion
        2
        3 a=30
        4 b=15.88
        5 c=12+6j
        6 d=False
        7
        8 print(int(a))
        9 print(float(a))
       10 print(complex(a))
       11 print(bool(a))
       12 print('-----')
       13 print(int(b))
       14 print(float(b))
       15 print(complex(b))
       16 print(bool(b))
       17 print("-----")
       18
       19 print(int(c))
       20 print(float(c))
       21 print(complex(c))
       22 print(bool(c))
       23 print('-----')
       24
       25 print(int(d))
       26 print(float(d))
       27 print(complex(d))
       28 print(bool(d))
       29 print('-----')
       30
       31
```

```
30
30.0
(30+0j)
True
-----
15
15.88
(15.88+0j)
True
-----
```

```
-----
TypeError                                Traceback (most recent call last)
<ipython-input-1-2afc18515e7f> in <module>
    17 print("-----")
    18
--> 19 print(int(c))
    20 print(float(c))
    21 print(complex(c))
```

TypeError: can't convert complex to int