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In [3]: #python numbers
        x = 99
        y = 2.356
        z = 7j
        print(type(x))
        print(type(y))
        print(type(z))
       <class 'int'>
       <class 'float'>
       <class 'complex'>
 In [ ]: #int numbers
        a = 22
        b = 45
        c = 65
        d = 23
        e = 77
        f = 62
        g = 147
        h = 25
        i = 79
        j = 485
In [ ]: #float numbers
        aa = 2.09
        bb = 3.89
        cc = 9.8989
        dd = 44.89
        ee = 2390.666
        ff = 75.6
        gg = 300.9
        hh = 12.8999
        ii = 3.6666666
        jj = 5.503
 In [ ]: #complex numbers
        _a = 2+1j
        _{b} = 4+67j
        ab = 2+6.89j
        bc = 89j
        cd = 3j
        de = 6+29.7878j
        ef = 2.08 + 1j
        fg = 4+4.22222j
        gh = 893421+47j
        hi = 72+333j
 In [9]: #type conversion
        #int to float
        a1 = 3
        b1 = float(a1)
        print(b1)
        a2 = 45
        b2 = float(a2)
        print(b2)
        a3 = 78
        b3 = float(a3)
        print(b3)
        a4 = 9045
        b4 = float(a4)
        print(b4)
        a5 = 748781
        b5 = float(a5)
        print(b5)
        a6 = 23
        b6 = float(a6)
        print(b6)
        a7 = 46989
        b7 = float(a7)
        print(b7)
        a8 = 134789
        b8 = float(a8)
        print(b8)
        a9 = 10000
        b9 = float(a9)
        print(b9)
        a10 = 6740146002
        b10 = float(a10)
        print(b10)
       3.0
       45.0
       78.0
       9045.0
       748781.0
       23.0
       46989.0
       134789.0
       10000.0
       6740146002.0
In [11]: #float to int
        c1 = 3.99
        d1 = int(c1)
        print(d1)
        c2 = 56.9779
        d2 = int(c2)
        print(d2)
        c3 = 45.98
        d3 = int(c3)
        print(d3)
        c4 = 9.56
        d4 = int(c4)
        print(d4)
        c5 = 2.67
        d5 = int(c5)
        print(d5)
        c6 = 3.9969999
        d6 = int(c6)
        print(d6)
        c7 = 1.7890686
        d7 = int(c7)
        print(d7)
       3
       56
       45
       9
       2
       3
 In [5]: #int to complex
        e1 = 15
        f1 = complex(e1)
        print(f1)
        e2 = 5.90
        f2 = complex(e2)
        print(f2)
        e3 = 9.89999
        f3 = complex(e3)
        print(f3)
        e4 = -0.555
        f4 = complex(e4)
        print(f4)
        e5 = -7898
        f5 = complex(e5)
        print(f5)
        e6 = 65.9090233
        f6 = complex(e6)
        print(f6)
       (15+0j)
       (5.9+0j)
       (9.89999+0j)
       (-0.555+0j)
       (-7898+0j)
       (65.9090233+0j)
In [11]: #complex to int or float
        x = 12j
        c = float(x)
        print(c)
       -----
       TypeError
                                              Traceback (most recent call last)
       Cell In[11], line 3
            1 #complex to int or float
             2 x = 12j
       ----> 3 c = float(x)
             4 print(c)
       TypeError: float() argument must be a string or a real number, not 'complex'
In [13]: #python booleans
        print(6<9)
        print(12==3)
        print(4!=2)
        print(2==2)
        print(46>34)
       True
       False
       True
       True
       True
In [15]: #Evaluate values & variables
        print(bool(0))
        print(bool(34))
        print(bool(3.67))
```

print(bool(0.45))

False True In [ ]: