10/17/25, 12:12 PM Untitled6

```
In [1]: i=10
 Out[1]: 10
 In [2]: type(i)
 Out[2]: int
 In [3]: f=15.5
 Out[3]: 15.5
 In [4]: type(f)
 Out[4]: float
 In [6]: i
         f
 Out[6]: 15.5
 In [7]: print(i+f)
        25.5
 In [8]: print(i)
         print(f)
        10
        15.5
 In [9]: true
        NameError
                                                 Traceback (most recent call last)
        Cell In[9], line 1
        ----> 1 true
        NameError: name 'true' is not defined
In [10]: True
Out[10]: True
In [11]: falase
        NameError
                                                 Traceback (most recent call last)
        Cell In[11], line 1
        ----> 1 falase
        NameError: name 'falase' is not defined
In [12]: Falase
```

10/17/25, 12:12 PM Untitled6

```
NameError
                                                  Traceback (most recent call last)
        Cell In[12], line 1
        ----> 1 Falase
        NameError: name 'Falase' is not defined
In [13]: False
Out[13]: False
In [14]: True+False
Out[14]: 1
In [15]: True-False
Out[15]: 1
In [16]: True*false
        NameError
                                                  Traceback (most recent call last)
        Cell In[16], line 1
        ----> 1 True*false
        NameError: name 'false' is not defined
In [17]: True*False
Out[17]: 0
In [18]: c=10+20j
Out[18]: (10+20j)
In [21]: c.real
Out[21]: 10.0
In [22]: c.img
        AttributeError
                                                  Traceback (most recent call last)
        Cell In[22], line 1
        ----> 1 c.img
        AttributeError: 'complex' object has no attribute 'img'
In [23]: c.imag
Out[23]: 20.0
In [24]: c=10+20j
         d=20+30j
         c+d
```

10/17/25, 12:12 PM Untitled6

```
Out[24]: (30+50j)
In [25]: c-d
Out[25]: (-10-10j)
In [26]: c*d
Out[26]: (-400+700j)
In [27]: s='hello'
Out[27]: 'hello'
In [28]: s='''hello
         world'''
Out[28]: 'hello\nworld'
In [29]: s='hello
         world'
          Cell In[29], line 1
            s='hello
        SyntaxError: unterminated string literal (detected at line 1)
 In [ ]:
```