In [1]:
```python
i=10
i
```

Out[1]: 10

In [2]:
```python
type(i)
```

Out[2]: int

In [3]:
```python
f=15.5
f
```

Out[3]: 15.5

In [4]:
```python
type(f)
```

Out[4]: float

In [6]:
```python
i
f
```

Out[6]: 15.5

In [7]:
```python
print(i+f)
```

25.5

In [8]:
```python
print(i)
print(f)
```

10
15.5

In [9]:
```python
true
```

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

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

In [10]:
```python
True
```

Out[10]: True

In [11]:
```python
falase
```

```
---------------------------------------------------------------------------
NameError                                 Traceback (most recent call last)
Cell In[11], line 1
----> 1 falase

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

In [12]:
```python
Falase
```

```
---------------------------------------------------------------------------
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
c
```

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
```

Out[24]: (30+50j)

In [25]: ```c-d```

Out[25]: (-10-10j)

In [26]: ```c*d```

Out[26]: (-400+700j)

In [27]: ```
s='hello'
s
```

Out[27]:  'hello'

In [28]:  ```
s='''hello
world'''
s
```

Out[28]: 'hello\nworld'

In [29]: ```
s='hello
world'
s
```

```
  Cell In[29], line 1
    s='hello
           ^
SyntaxError: unterminated string literal (detected at line 1)
```

In [ ]: