In [1]:
```
9
```

Out[1]: 9

In [2]:
```
9+9
```

Out[2]: 18

In [3]:
```
9-9
```

Out[3]: 0

In [4]:
```
10*2
```

Out[4]: 20

In [5]:
```
10/2
```

Out[5]: 5.0

In [6]:
```
10//2
```

Out[6]: 5

In [7]:
```
3*2
```

Out[7]: 6

In [8]:
```
3**2
```

Out[8]: 9

In [10]:
```
9
```

Out[10]: 9

In [11]:
```
_
```

Out[11]: '{"dataframes": [], "user": "Dell"}'

In [12]:
```
_+3
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
Cell In[12], line 1
----> 1 _+3

TypeError: can only concatenate str (not "int") to str
```

In [13]:
```
_ + 3
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
Cell In[13], line 1
----> 1 _ + 3

TypeError: can only concatenate str (not "int") to str
```

In [14]:
```
_ + 12
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
Cell In[14], line 1
----> 1 _ + 12

TypeError: can only concatenate str (not "int") to str
```

In [15]:
```
3*6-2+1
```

Out[15]: 17

In [16]:
```
(2+1)-1*2/3
```

Out[16]: 2.3333333333333335

In [18]:
```
import math
math.pi
```

Out[18]:
```
3.141592653589793
```

In [19]:
```
math.ceil(9.4)
```

Out[19]:
```
10
```

In [20]:
```
math.floor(9.4)
```

Out[20]:
```
9
```

In [21]:
```
welcome to nit
```

```
  Cell In[21], line 1
    welcome to nit
            ^
SyntaxError: invalid syntax
```

In [23]:
```
'welcome to nit'
```

Out[23]:
```
'welcome to nit'
```

In [24]:
```
"welcome to nit"
```

Out[24]:
```
'welcome to nit'
```

In [25]:
```
'''welcome to nit'''
```

Out[25]:
```
'welcome to nit'
```

In [26]:
```
'welcome to
nit'
```

```
  Cell In[26], line 1
    'welcome to
    ^
SyntaxError: unterminated string literal (detected at line 1)
```

In [27]:
```
"welcome to
nit"
```

```
  Cell In[27], line 1
    "welcome to
    ^
SyntaxError: unterminated string literal (detected at line 1)
```

In [28]:
```
'''welcome to
nit'''
```

Out[28]:
```
'welcome to \nnit'
```

In [29]:
```
_
```

Out[29]:
```
'{"dataframes": [], "user": "Dell"}'
```

In [30]:
```
s ="hello"
```

In [31]:
```
s
```

Out[31]:
```
'hello'
```

In [34]:
```
s[10]
```

```
---------------------------------------------------------------------------
IndexError                                Traceback (most recent call last)
Cell In[34], line 1
----> 1 s[10]

IndexError: string index out of range
```

In [35]:
```
tax=12.5/100
price=100.50
price*tax
```

Out[35]:
```
12.5625
```

In [36]:
```
price+_
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
Cell In[36], line 1
----> 1 price+_

TypeError: unsupported operand type(s) for +: 'float' and 'str'
```

In [37]:
```
int(2.3)
```

Out[37]: 2

In [38]:
```
int(2.3 ,4.5 )
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
Cell In[38], line 1
----> 1 int(2.3 ,4.5 )

TypeError: 'float' object cannot be interpreted as an integer
```

In [39]:
```
float(2)
```

Out[39]: 2.0

In [40]:
```
int('2')
```

Out[40]: 2

In [41]:
```
int(2+2j)
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
Cell In[41], line 1
----> 1 int(2+2j)

TypeError: int() argument must be a string, a bytes-like object or a real number, not 'complex'
```

In [42]:
```
float('1')
```

Out[42]: 1.0

In [43]:
```
int(1+2j)
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
Cell In[43], line 1
----> 1 int(1+2j)

TypeError: int() argument must be a string, a bytes-like object or a real number, not 'complex'
```

In [ ]: