Work with python numbers

In [1]:
```
5+5
```

Out[1]: 10

In [2]:
```
10-7
```

Out[2]: 3

In [3]:
```
10+6*3
```

Out[3]: 28

In [4]:
```
3+(10*3)+2**3-4*2 # bodmas - bracket order division mul add sub
```

Out[4]: 33

In [5]:
```
_ # store prev value.my os is not supporting _. I tried in GCollab. It's
```

Out[5]: '{"dataframes": [], "user": "kalyaniappani"}'

Work with text

In [6]:
```
kalyani
```

```
---------------------------------------------------------------------------
NameError                                 Traceback (most recent call last)
Cell In[6], line 1
----> 1 kalyani

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

In [8]:
```
'kalyani'
```

Out[8]: 'kalyani'

In [9]:
```
"kalyani"
```

Out[9]: 'kalyani'

In [10]:
```
'''kalyani'''
```

Out[10]: 'kalyani'

In [11]:
```
# multi line string
'my name is
kalyani'
```

```
  Cell In[11], line 2
    'my name is
    ^
SyntaxError: unterminated string literal (detected at line 2)
```

In [12]:
```
"my name is
kalyani"
```

```
  Cell In[12], line 1
    "my name is
    ^
SyntaxError: unterminated string literal (detected at line 1)
```

In [13]:
```
'''my name is
kalyani'''
```

Out[13]:
```
'my name is\nkalyani'
```

Basic string operations

In [14]:
```
a=2
b=3
int.__add__(a,b)
```

Out[14]:
```
5
```

In [15]:
```
int.__sub__(a,b)
```

Out[15]:
```
-1
```

In [16]:
```
int.__mul__(a,b)
```

Out[16]:
```
6
```

In [17]:
```
int.__div__(a,b)
```

```
---------------------------------------------------------------------------
AttributeError                            Traceback (most recent call las
t)
Cell In[17], line 1
----> 1 int.__div__(a,b)

AttributeError: type object 'int' has no attribute '__div__'
```

In [18]:
```
int.__floordiv__(a,b)
```

Out[18]:
```
0
```

In [19]:
```
int.__truediv__(a,b)
```

Out[19]:
```
0.6666666666666666
```

In [20]:
```
c='kalyani'
d='appani'
int.__add__(c,d)
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
Cell In[20], line 3
      1 c='kalyani'
      2 d='appani'
----> 3 int.__add__(c,d)

TypeError: descriptor '__add__' requires a 'int' object but received a 'str'
```

In [21]:
```
str.__add__(c,d)
```

Out[21]:
```
'kalyaniappani'
```

In [ ]:
```

```