Input ()

In [1]:
```
x=input()
x
```

Out[1]: '3'

In [2]:
```
x1=input()
y1=input()
z=x1+y1
print(z)
```

```
78
```

In [3]:
```
print(type(x))
```

```
<class 'str'>
```

In [4]:
```
print(type(y1))
```

```
<class 'str'>
```

In [5]:
```
x2=input('Enter the 1 number')
y2=input('Enter the 2 number')
z=(x2+y2)
print(z)
```

```
45
```

In [6]:
```
x2=int(input('Enter the 1 number'))
y2=int(input('Enter the 2 number'))
z=(x2+y2)
print(z)
```

```
9
```

In [7]:
```
print(type(x2))
```

```
<class 'int'>
```

In [8]:
```
x3=input('enter username')
y3=input('enter password')
z3=x3+y3
print(z3)
```

```
swapna12345
```

In [9]:
```
st=input('enter a string')
print(st)
```

```
hello
```

In [10]:
```
st[0]
```

Out[10]: 'h'

In [11]:
```
print(st[-1])
```

```
o
```

In [12]:
```
st[:2]
```

Out[12]: 'he'

In [13]:
```
st[1:4]
```

Out[13]: 'ell'

In [16]:
```
st=input('enter a string')[1]
print(st)
```

```
w
```

In [17]:
```
st=input('enter a string')[1]
print(st)
```

```
r
```

In [18]:
```
st=input('enter a string')[1]
print(st)
```

```
r
```

In [19]:
```
st=input('enter a string')[1:5]
print(st)
```

```
anda
```

In [20]:
```
st=input('enter a string')[2:5]
print(st)
```

```
der
```

In [21]:
```
result=input('enter an expre')
print(result)
```

```
3+2-1
```

In [23]:
```
result=int(input('enter an expre'))
print(result)
```

```
---------------------------------------------------------------------------
ValueError                                Traceback (most recent call last)
Cell In[23], line 1
----> 1 result=int(input('enter an expre'))
      2 print(result)

ValueError: invalid literal for int() with base 10: '3+4-1'
```

EVAL function using input()

In [24]:
```
result=eval(input('enter an expre'))
print(result)
```

```
10
```

In [25]:
```
result=eval(input('enter an expre'))
print(result)
```

```
40
```

In [26]:
```
result=eval(input('enter an expre'))
print(result)
```

```
55
```

In [27]:
```
result=eval(input('enter an expre'))
print(result)
```

```
20
```

In [28]:
```
result=eval(input('enter an expre'))
print(result)
```

```
185.0
```

In [29]:
```
pip install numpy
```

```
Requirement already satisfied: numpy in c:\users\swapna\anaconda3\lib\site-packag
es (2.1.3)
Note: you may need to restart the kernel to use updated packages.
```

In [39]:
```
import numpy as np
```

In [ ]:
```

```