Operator in Python

```
Python
    print(x)
    print(x)
   print(x)
    print(x)
                                                                    Python
✓ 0.0s
                                                                    Python
    m = -(n)
    print(m)
    print(n)
    print(-n)
 ✓ 0.0s
                                                                    Python
    b = 6
                                                                    Python
```

```
D ~
         #Swapping Values
         print("a : ",a)
print("b : ", b)
         print("Swapped Values")
         print("a : ",a)
         print("b : ", b)
                                                                            Python
     Swapped Values
         a1 = 4
         temp = a1
         b1 = temp
         print(a1)
         print(b1)
                                                                            Python
```

```
a3 = 10

b3 = 20

a3 = a3 + b3

b3 = a3 - b3

a3 = a3 - b3

print(a3)

print(b3)

Python

Python
```

```
print(12 ^ 13)
    ✓ 0.0s
                                                                    Python
        print(bin(25))
        print(bin(30))
     ✓ 0.0s
                                                                    Python
     0b11001
     0b11110
                                                  D ~
        print(25 ^ 30)
        print(bin(7))
                                                                    Python
    0b111
D ~
        print(15<< 2)
        print(10<< 1)
print(10<< 2)
     ✓ 0.0s
                                                                    Python
```

```
print(bin(15))
          print(bin(10))
       V 0.0s
                                                                                   Python
      0b1111
          print(int(0b111100))
          print(int(0b10100))
print(int(0b101000))
                                                                                   Python
      20
      40
D ~
          bin(10)
                                                                                   Python
                         ♦ Generate + Code + Markdown
          print(10 >> 1)
          print( 10 >> 2)
print(10>> 3)
                                                                                   Python
```

```
print(math.pow(2,3))
print(math.pow(3,2))

> 0.0s

math.pi

> 0.0s

python

math.e

> 0.0s

python

2.718281828459045

from math import sqrt, floor, ceil, pow, pi, e
print(pow(2,3))
print(sqrt(30))
print(sqrt(30))
print(floor(45.85))
print(ceil(45.85))
print(ceil(45.85))

3.4477225575051661
45
46
```

```
√ b #input
       x = input("Enter first value: ")
       y = input("Enter second value: ")
       z = x + y
       print(z) # input function by default takes input as string
   Enter second value: 6
       56
  [2] print(type(x))
       print(type(y))
   <class 'str'>
√ [3] #input
       x = int(input("Enter first value: "))
       y = int(input("Enter second value: "))
       z = x + y
       print(z)
   ₹ Enter first value: 5
       Enter second value: 8
       13
  [8] st1 = input("Enter a string:")[5:8]
       st1
  → Enter a string:nareshit
       'hit'
  [9] result = eval(input("Enter a expression: "))
       print(result)

→ Enter a expression: 10+20-4*7
```