

```
In [1]: a=10  
        b=5  
        print(a+b)
```

15

```
In [2]: print(a-b)  
        print(a*b)  
        print(a/b)  
        print(a//b)
```

5
50
2.0
2

```
In [3]: print(a%b)  
        print(a**b)
```

0
100000

```
In [4]: a, b = 15, 5
```

```
In [5]: print(a+b)
```

20

```
In [6]: a+=b  
        print(a)
```

20

```
In [7]: a-=b  
        print(a)
```

15

```
In [8]: a/=b  
        print(a)
```

3.0

```
In [9]: a//=b  
        print(a)
```

0.0

```
In [10]: a=15  
         a//=b  
         print(a)
```

3

```
In [11]: a**=b  
         print(a)
```

243

```
In [12]: a=10.5  
a**=b  
print(a)
```

127628.15625

```
In [13]: a=10  
-a
```

Out[13]: -10

```
In [14]: ~a
```

Out[14]: -11

```
In [15]: a=-10  
~a
```

Out[15]: 9

```
In [ ]:
```

```
In [16]: a=5  
b=6  
print(a<b)  
print(a>b)
```

True

False

```
In [17]: a=5  
b=5  
print(a==b)
```

True

```
In [18]: print(a>=b)  
print(a<=b)
```

True

True

```
In [19]: print(a!=b)
```

False

```
In [20]: a=5  
b=6  
a<9 and b<2
```

Out[20]: False

```
In [21]: a<9 and b<8
```

Out[21]: True

```
In [22]: a<4 or b< 8
```

```
Out[22]: True
```

```
In [23]: a<4 or b<2
```

```
Out[23]: False
```

```
In [24]: x=False  
not x
```

```
Out[24]: True
```

```
In [25]: bin(25)
```

```
Out[25]: '0b11001'
```

```
In [26]: 0b11001
```

```
Out[26]: 25
```

```
In [27]: bin(40)
```

```
Out[27]: '0b101000'
```

```
In [28]: bin(70)
```

```
Out[28]: '0b1000110'
```

```
In [29]: bin(2025)
```

```
Out[29]: '0b11111101001'
```

```
In [30]: 0b1000110
```

```
Out[30]: 70
```

```
In [31]: oct(100)
```

```
Out[31]: '0o144'
```

```
In [32]: 0o144
```

```
Out[32]: 100
```

```
In [33]: hex(100)
```

```
Out[33]: '0x64'
```

```
In [34]: 0x64
```

Out[34]: 100

In [35]: 0xa64

Out[35]: 2660

In [36]: hex(2660)

Out[36]: '0xa64'

In []: