python operator

complemet operator

and operator

or operator

xor(Exclusive OR operator)

left shift operator

right shift operator

```
In [1]: ~30
```

Out[1]: -31

```
In [2]: ~25
```

Out[2]: -26

```
In [3]: ~250
```

Out[3]: -251

```
In [4]: 12&13
```

Out[4]: 12

```
In [5]: 25&30
```

Out[5]: 24

```
In [6]: 12|13
```

Out[6]: 13

```
In [7]: 36&41
```

Out[7]: 32

```
In [8]: 36|41
```

Out[8]:   45

Xor(Exclusive operator)

In [9]:   `12^13`

Out[9]:   1

In [10]:   `14^15`

Out[10]:   1

In [11]:   `25^30`

Out[11]:   7

In [12]:   `45^30`

Out[12]:   51

In [1]:   `bin(15)`

Out[1]:   `'0b1111'`

In [2]:   `bin(20)`

Out[2]:   `'0b10100'`

In [3]:   `15^20`

Out[3]:   27

left shift

In [13]:   `12<<2`

Out[13]:   48

In [15]:   `20<<1`

Out[15]:   40

In [16]:   `25<<2`

Out[16]:   100

Right shift

In [17]:   `12>>2`

Out[17]:   3

In [19]:   `25>>2`

Out[19]:   6

In [20]: `50>>3`

Out[20]: 6

In [ ]:

In [20]: `50>>3`

Out[20]: 6

In [ ]: