

Python Bitwise Operators

Bitwise operators act on bits and perform bit by bit operations.

Operator	Description	Syntax
&	Bitwise AND	x & y
	Bitwise OR	x y
~	Bitwise NOT	~x
^	Bitwise XOR	x ^ y
>>	Bitwise right shift	x >>
<<	Bitwise left shift	x <<

Example:

```
# Examples of Bitwise operators
a = 20
b = 8

# Print bitwise AND operation
print(a & b)

# Print bitwise OR operation
print(a | b)

# Print bitwise NOT operation
print(~a)

# print bitwise XOR operation
print(a ^ b)

# print bitwise right shift operation
print(a >> 2)

# print bitwise left shift operation
print(a << 2)
```

output:

```
0
28
-21
28
5
80
```