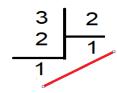
## **Python Bitwise Operators**

Bitwise operator works on bits and performs bit by bit operation.

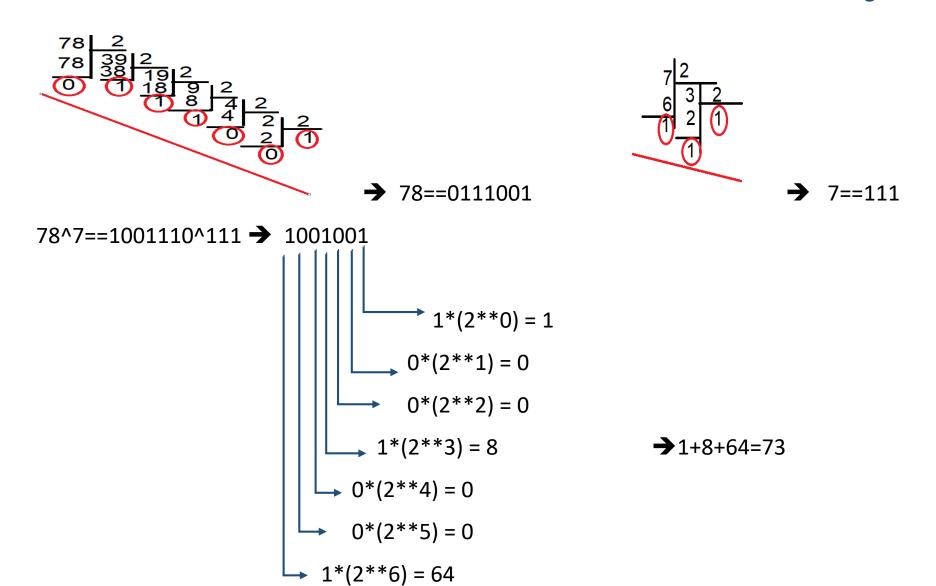
Operator	Descriptions	Example
	It copies the bit if it is set in one operand but not both	A=60 → A=001111
^ Binary XOR	www.tutorialspoint.com	B=13 → B=1011
	<ul><li>Sets each bit to 1 if only one of two bits is 1</li></ul>	A^B=49 → A^B=100011
	www.w3schools.com	

## مثال:

O\*(2\*\*1) =0



مثال:



## مثال ها در پایتون:

```
A=60
B=13
C=A^B
print(f"A ^ B = {C}")
 A ^ B = 49
A=2
B=3
C=A^B
print(f"A ^ B = {C}")
A=78
B=7
C=A^B
print(f"A ^ B = {C}")
```