

## Bitwise Operators in python

Command	Result
<code>x&lt;&lt;2</code>	a) 8 b) 1 c) 2 d) 4
<code>bin(29)</code>	a) '0b10111' b) '0b11101' c) '0b11111' d) '0b11011'
<code>x&gt;&gt;2</code>	a) 8 b) 4 c) 2 d) 1
<code>int(1011)?</code>	a) 1011 b) 11 c) 13 d) 1101
To find the decimal value of 1111, that is 15, we can use the function:	a) int(1111,10) b) int('1111',10) c) int(1111,2) d) int('1111',2)
<code>x &amp; y</code>	a) b1101 b) 0b1101 c) 12 d) 1101
7. Which of the following expressions results in an error?	a) int(1011) b) int('1011',23) c) int(1011,2) d) int('1011')
Which of the following represents the bitwise XOR operator?	a) & b) ^ c)   d) !
9. What is the value of the following Python expression? <code>bin(0x8)</code>	a) '0bx1000' b) 8 c) 1000 d) '0b1000'
10. What will be the output of the following Python expression? <code>0x35   0x75</code>	a) 115 b) 116 c) 117 d) 118
<code>bin(10-2)+bin(12^4)</code>	a) 0b10000 b) 0b10001000 c) 0b1000b1000 d) 0b10000b1000
Which of the following expressions can be used to multiply a given number 'a' by 4?	a) a<<2 b) a<<4 c) a>>2 d) a>>4

<p>What will be the output of the following Python code if a=10 and b =20?</p> <pre>a=10 b=20 a=a^b b=a^b a=a^b print(a,b)</pre>	<p>a) 10 20 b) 10 10 c) 20 10 d) 20 20</p>
<p>What will be the output of the following Python expression? <code>~100</code>?</p>	<p>a) 101 b) -101 c) 100 d) -100</p>