XOR logical Operation
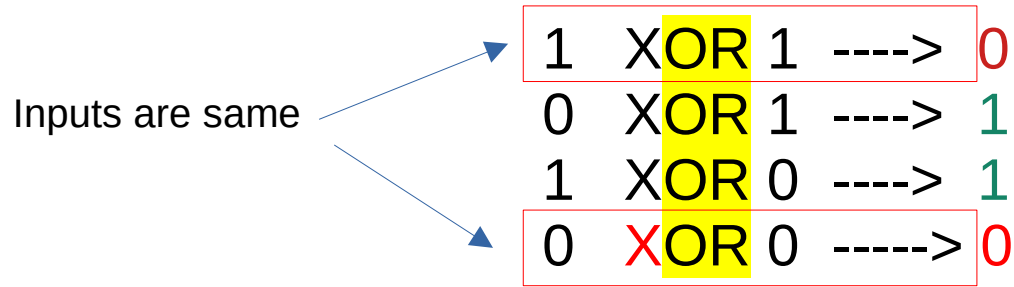
XOR logical Operation

In XOR logical operation if the inputs are same then the result will always be false (0) otherwise it will be true.

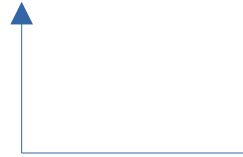Inputs are same

1 XOR 1 ----> 0
0 XOR 1 ----> 1
1 XOR 0 ----> 1
0 XOR 0 -----> 0

XOR logical Operation

xor   input 1,input 2

The result is stored here after logical
XOR operation

XOR logical Operation

xor   input 1,input 2

Example:

mov al,12 ⟶

0	0	0	0	1	1	0	0

mov bl,10 ⟶

0	0	0	0	1	0	1	0

xor al, bl ⟶

0	0	0	0	0	1	1	0