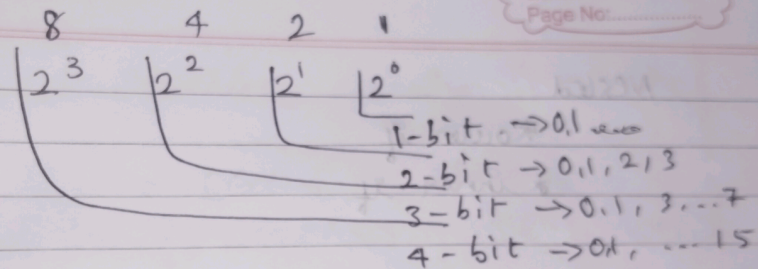
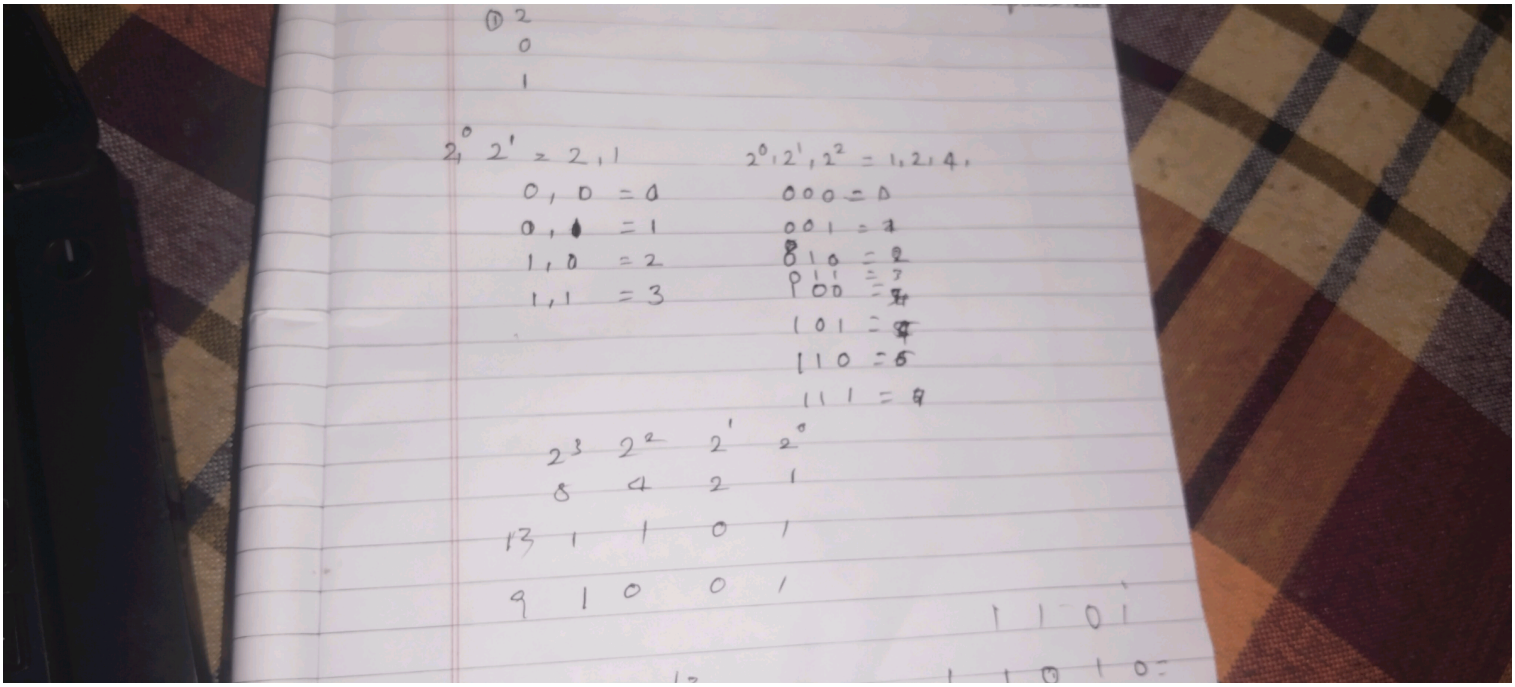
Bitwise oprator



$2^0 \rightarrow (0,1)$

Where a 1 there condier the power value

① 2
0


2
0
1
2^0 2^1 = 2, 1
0, 0 = 0
0, 1 = 1
1, 0 = 2
1, 1 = 3
$2^0, 2^1, 2^2$ = 1, 2, 4,
000 = 0
001 = 1
010 = 2
011 = 3
100 = 4
101 = 5
110 = 6
111 = 7
2^3 2^2 2^1 2^0
8 4 2 1
13 1 1 0 1
9 1 0 0 1
1 1 0 1
1 0 1 0 =

Nested

* outer if
* inner if