*Single Number

1, 2, 3, 3, 1, 2, 4, 5

Only 1 is occurring once. Others twise.

Can use set to store & check already existing or not & finally return the relevant value.

But the optimal approach is Bit manipulation ; XOR

$1 \wedge 1 = 0$ $\quad 1 \wedge 0 = 1$

$4 \wedge 4 = 0$ $\quad 0 \wedge 0 = 1$

$1 \wedge 2 \wedge 3 \wedge 3 \wedge 1 \wedge 4 \wedge 2 \wedge 4 \wedge 5$

$\Downarrow$

$1 \wedge 1 \wedge 2 \wedge 2 \wedge 3 \wedge 3 \wedge 4 \wedge 4 \wedge 5$

$0 \wedge 0 \wedge 0 \wedge 0 \wedge 5 = 5$