

* Single Number II

$O(n \log n)$ → sort & check for consecutive

$O(n)$ → use a map to store & then retrieve

$O(32 * n)$ → for all the numbers count # of occurrences in each bit (for all 32 bits) & then $n \% 3 \neq 0$, add it to the relevant place

$O(n)$ → Bit manipulation.

first = ~~second~~ not in second variable, try to add
second = not in first variable, try to add

3
00

$O(1)$
space