The Algorithm Design Canvas

HIRED IN TECH

Constraints

(nums: int[]) --> int
1. nums[i] distinct, range 0:n
2. n == nums.length
3. $1 <= n <= 10^4$
4. 0 <= nums[i] <= n

Ideas

1. Quick Sort. 2. return i != nums[i]	O(n)
	O(1)
Xor sum	O(n)
	O(1)

Test Cases

[3,0,1] -> 2
[0,1] -> 2
[9,6,4,2,3,5,7,0,1] -> 8

Code