





## 6289. Find Xor-Beauty of Array

val1 | val2 is bitwise OR of val1 and val2.
val1 & val2 is bitwise AND of val1 and val2.

My Submissions (/contest/biweekly-contest-95/problems/find-xor-beauty-of-array/submissions/) Back to Contest (/contest/biweekly-contest-95/) You are given a **0-indexed** integer array nums. 0 User Accepted: The **effective value** of three indices i, j, and k is defined as  $((nums[i] \mid nums[j])$  & nums[k]). **User Tried:** 0 The xor-beauty of the array is the XORing of the effective values of all the possible triplets of indices (i, j, k) where  $0 \le i$ , j, k < n. **Total Accepted:** 0 Return the xor-beauty of nums . **Total Submissions:** 0 Note that: Difficulty: (Medium)

## Example 1:

## Example 2:

```
Input: nums = [15,45,20,2,34,35,5,44,32,30]
Output: 34
Explanation: The xor-beauty of the given array is 34.
```

## **Constraints:**

- 1 <= nums.length <= 10<sup>5</sup>
- $1 \le nums[i] \le 10^9$

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