

# 3173. Bitwise OR of Adjacent Elements Premium

Easy Topics Companies Hint

Given an array `nums` of length `n`, return an array `answer` of length `n - 1` such that `answer[i] = nums[i] | nums[i + 1]` where `|` is the bitwise OR operation.

## Example 1:

**Input:** `nums = [1,3,7,15]`  
**Output:** `[3,7,15]`

## Example 2:

**Input:** `nums = [8,4,2]`  
**Output:** `[12,6]`

## Example 3:

**Input:** `nums = [5,4,9,11]`  
**Output:** `[5,13,11]`

## Constraints:

- `2 <= nums.length <= 100`
- `0 <= nums[i] <= 100`

Seen this question in a real interview before? 1/5

Yes No

Accepted 3K | Submissions 3.1K | Acceptance Rate 95.3%

Topics

ArrayBit Manipulation

Companies

0 - 6 months

Adobe2

Hint 1

Iterate over array and calculate each element of the resulting array using `|` operation.

Similar Questions

Neighboring Bitwise XORMedium

Discussion (3)