

Problem List

DescriptionAcceptedEditorialSolutionsSubmissions

3173. Bitwise OR of Adjacent Elements

Solved

Premium

EasyTopicsCompaniesHint

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

\leq

`nums.length`

\leq

100

0

\leq

`nums[i]`

\leq

100

Seen this question in a real interview before?

1/5

YesNo

Accepted

6,027/6.4K

Acceptance Rate

94.7%

Topics

Companies

Hint 1

Similar Questions

Discussion (9)

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24990 Online

Code

Python3Auto

```
1 class Solution:
2     def orArray(self, nums: List[int]) -> List[int]:
3
4         res = []
5
6         for i in range(0, len(nums) - 1):
7             res.append(nums[i] | nums[i+1])
8
9         return res
10
```

Saved

Ln 10, Col 9

TestcaseTest Result

AcceptedRuntime: 0 ms

Case 1

Case 2

Case 3

Input

nums =
[1,3,7,15]

Output

[3,7,15]