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905. Sort Array By Parity

Easy

5316

147

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Given an integer array `nums` , move all the even integers at the beginning of the array followed by all the odd integers.

Return ***any array*** that satisfies this condition.

Example 1:

Input: `nums = [3,1,2,4]`

Output: `[2,4,3,1]`

Explanation: The outputs `[4,2,3,1]`, `[2,4,1,3]`, and `[4,2,1,3]` would also be accepted.

Example 2:

Input: `nums = [0]`

Output: `[0]`

Constraints:

- `1 <= nums.length <= 5000`
- `0 <= nums[i] <= 5000`

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Submissions1M

Seen this question in a real interview before?

Yes

No

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class Solution:

2

def sortArrayByParity(self, nums: List[int]) -> List[int]:

3

oddList = []

4

evenList = []

5

6

for n in nums:

7

if n % 2 == 0:

8

evenList.append(n)

9

10

else:

11

oddList.append(n)

12

13

return evenList + oddList

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