3149. Find the Minimum Cost Array Permutation

Description

You are given an array nums which is a permutation of [0, 1, 2, ..., n - 1]. The **score** of any permutation of [0, 1, 2, ..., n - 1] named perm is defined as:

```
score(perm) = \lceil perm[0] - nums[perm[1]] \rceil + \lceil perm[1] - nums[perm[2]] \rceil + ... + \lceil perm[n - 1] - nums[perm[0]] \rceil
```

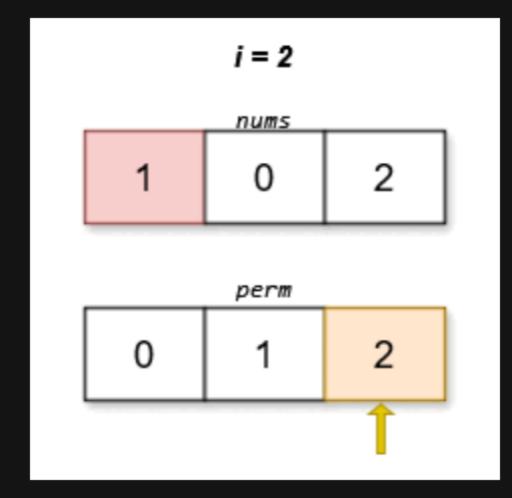
Return the permutation perm which has the **minimum** possible score. If *multiple* permutations exist with this score, return the one that is lexicographically smallest among them.

Example 1:

Input: nums = [1,0,2]

Output: [0,1,2]

Explanation:



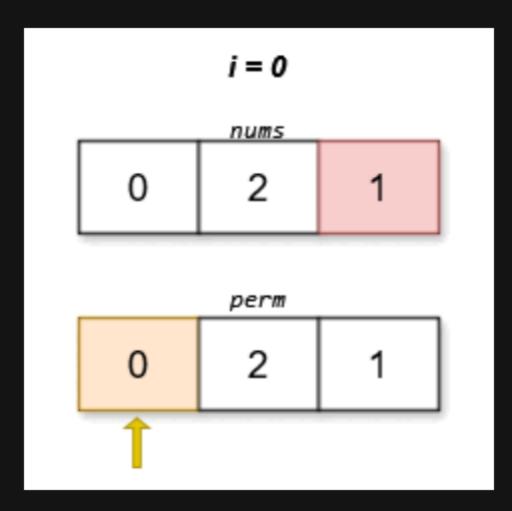
The lexicographically smallest permutation with minimum cost is [0,1,2]. The cost of this permutation is \10 - 0\1 + \11 - 2\1 + \12 - 1\1 = 2.

Example 2:

Input: nums = [0,2,1]

Output: [0,2,1]

Explanation:



The lexicographically smallest permutation with minimum cost is [0,2,1]. The cost of this permutation is \10 - 1\1 + \12 - 2\1 + \11 - 0\1 = 2.

Constraints:

- 2 <= n == nums.length <= 14
- nums is a permutation of [0, 1, 2, ..., n 1].