Vext Permet ection

In this problem we must reassange numbers into the next loxicographically greater requerce (or smellest of none exists). It is a classic algorithm used in permutation,

Scan nums from the end to find index i such that nums [i] < mums [iH].

If no such index exists (assay in enterely non indeasing), severe the colore array.

2. Find the next greater element to swap with nums [i].

Again scan from right to left to find index j such that

mums [i] > nums [i].

3. Twos nums [i] and nums [j]:

This ensures we move to the next larger permutation.

4. Reverse the suffex after i:

- fort (A revere since it's already decreasing) the port after i to get the smallest lexicographical Ader.

Complexity: / Time: O(1) (single pass+ severs)

spece: O(1) (in-place)