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2616. Minimize the Maximum Difference of Pairs
Medium Topics Companies Hint
You are given a <b>0-indexed</b> integer array nums and an integer p. Find p pairs of indices of nums such that the <b>maximum</b> difference amon
Note that for a pair of elements at the index i and j, the difference of this pair is  nums[i] - nums[j] , where  x  represents the <b>abso</b>
Return the <i>minimum maximum</i> difference among all p pairs. We define the maximum of an empty set to be zero.
Example 1:
<pre>Input: nums = [10,1,2,7,1,3], p = 2 Output: 1 Explanation: The first pair is formed from the indices 1 and 4, and the second pair is formed from t The maximum difference is max( nums[1] - nums[4] ,  nums[2] - nums[5] ) = max(0, 1) = 1. Therefore,</pre>
Example 2:
Input: nums = $[4,2,1,2]$ , p = 1 Output: 0 Explanation: Let the indices 1 and 3 form a pair. The difference of that pair is $ 2-2 =0$ , which
Constraints:
• 1 <= nums.length <= 10 <sup>5</sup>
• $0 \le nums[i] \le 10^9$
• 0 <= p <= (nums.length)/2
Seen this question in a real interview before? 1/4
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