324. Wiggle Sort II

题目描述: https://leetcode.com/problems/wiggle-sort-ii/

给定一个数组,要求按照 nums[0]nums[2]<nums[3]...排列。 例如:

```
(1) Given nums = [1, 5, 1, 1, 6, 4], one possible answer is [1, 4, 1, 5, 1, 6]

(2) Given nums = [1, 3, 2, 2, 3, 1], one possible answer is [2, 3, 1, 3, 1, 2].
```

解题思路:

代码:

```
class Solution {
public:
    void wiggleSort(vector<int>& nums) {
        sort(nums.begin(), nums.end());
        vector<int> sorted = nums;
        for(int i = nums.size() - 1, j = 0, k = i/2+1; i >= 0; i--) {
            if(i % 2 == 1) {
                 nums[i] = sorted[k++];
            }
            else {
                 nums[i] = sorted[j++];
            }
        }
        return;
}
```