https://www.interviewbit.com/problems/allocate-books/
https://www.interviewbit.com/problems/painters-partition-problem/
https://leetcode.com/problems/kth-largest-element-in-an-array
https://leetcode.com/problems/contains-duplicate-iii
https://leetcode.com/problems/majority-element-ii
https://leetcode.com/problems/valid-anagram
https://leetcode.com/problems/intersection-of-two-arrays