

846. Hand of Straights

Solved ●

Medium Topics Companies

Alice has some number of cards and she wants to rearrange the cards into groups so that each group is of size `groupSize`, and consists of `groupSize` consecutive cards.

Given an integer array `hand` where `hand[i]` is the value written on the i^{th} card and an integer `groupSize`, return `true` if she can rearrange the cards, or `false` otherwise.

Example 1:

Input: `hand = [1,2,3,6,2,3,4,7,8]`, `groupSize = 3`**Output:** `true`**Explanation:** Alice's hand can be rearranged as `[1,2,3],[2,3,4],[6,7,8]`

Example 2:

Input: `hand = [1,2,3,4,5]`, `groupSize = 4`**Output:** `false`**Explanation:** Alice's hand can not be rearranged into groups of 4.

Constraints:

- $1 \leq \text{hand.length} \leq 10^4$
- $0 \leq \text{hand}[i] \leq 10^9$
- $1 \leq \text{groupSize} \leq \text{hand.length}$

Note: This question is the same as 1296: <https://leetcode.com/problems/divide-array-in-sets-of-k-consecutive-numbers/>

Seen this question in a real interview before? 1/5

Yes No

Accepted 293.9K Submissions 518.5K Acceptance Rate 56.7%

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