Hands of Straights

Alice has some cards, each card has one number written on it. 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** of size **N** 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:
N = 9
groupSize = 3
hand[ ] = {1, 2, 3, 6, 2, 3, 4, 7, 8}
Output: true
Explanation:
Alice's hand can be rearranged as {1, 2, 3} , {2, 3, 4}, {6, 7, 8}. There are three groups with size 3. Each group has 3 consecutive cards.

Example 2:

Input:
N = 5
groupSize = 2
hand[ ] = {1, 2, 3, 4, 5}
Output: false
Explanation:
Alice's hand cannot be rearranged into groups of 2. Since there are 5 cards and 5 cards cannot be divided into groups of 2.

Your Task:

You don't need to read input or print anything. Your task is to complete the function **isStraightHand()** which takes the interger **N**, integer **groupSize** and an

integer array **hand** as parameters and returns the true if specified arrangement is possible.

Expected Time Complexity: O(Nlog(N))
Expected Auxiliary Space: O(N)

Constraints:

$1 \leq N \leq 10^5$

$1 \leq groupSize \leq N$

$0 \leq hand_i \leq 10^9$