

5554. Check Array Formation Through Concatenation

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You are given an array of **distinct** integers `arr` and an array of integer arrays `pieces`, where the integers in `pieces` are **distinct**. Your goal is to form `arr` by concatenating the arrays in `pieces` **in any order**. However, you are **not** allowed to reorder the integers in each array `pieces[i]`.

Return `true` if it is possible to form the array `arr` from `pieces`. Otherwise, return `false`.

Example 1:

Input: `arr = [85], pieces = [[85]]`
Output: `true`

Example 2:

Input: `arr = [15,88], pieces = [[88],[15]]`
Output: `true`
Explanation: Concatenate `[15]` then `[88]`

Example 3:

Input: `arr = [49,18,16], pieces = [[16,18,49]]`
Output: `false`
Explanation: Even though the numbers match, we cannot reorder `pieces[0]`.

Example 4:

Input: `arr = [91,4,64,78], pieces = [[78],[4,64],[91]]`
Output: `true`
Explanation: Concatenate `[91]` then `[4,64]` then `[78]`

Example 5:

Input: `arr = [1,3,5,7], pieces = [[2,4,6,8]]`
Output: `false`

Constraints:

- `1 <= pieces.length <= arr.length <= 100`
- `sum(pieces[i].length) == arr.length`
- `1 <= pieces[i].length <= arr.length`
- `1 <= arr[i], pieces[i][j] <= 100`
- The integers in `arr` are **distinct**.
- The integers in `pieces` are **distinct** (i.e., If we flatten `pieces` in a 1D array, all the integers in this array are distinct).

JavaScript



```
1 /**
2  * @param {number[]} arr
3  * @param {number[][]} pieces
4  * @return {boolean}
5  */
6 var canFormArray = function(arr, pieces) {
7
8 };
```