

1460. Make Two Arrays Equal by Reversing Subarrays

Solved ●

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You are given two integer arrays of equal length `target` and `arr`. In one step, you can select any **non-empty subarray** of `arr` and reverse it. You are allowed to make any number of steps.

Return `true` if you can make `arr` equal to `target` or `false` otherwise.

Example 1:

Input: `target = [1,2,3,4]`, `arr = [2,4,1,3]`**Output:** `true`**Explanation:** You can follow the next steps to convert `arr` to `target`:1- Reverse subarray `[2,4,1]`, `arr` becomes `[1,4,2,3]`2- Reverse subarray `[4,2]`, `arr` becomes `[1,2,4,3]`3- Reverse subarray `[4,3]`, `arr` becomes `[1,2,3,4]`There are multiple ways to convert `arr` to `target`, this is not the only way to do so.

Example 2:

Input: `target = [7]`, `arr = [7]`**Output:** `true`**Explanation:** `arr` is equal to `target` without any reverses.

Example 3:

Input: `target = [3,7,9]`, `arr = [3,7,11]`**Output:** `false`**Explanation:** `arr` does not have value 9 and it can never be converted to `target`.

Constraints:

- `target.length == arr.length`
- `1 <= target.length <= 1000`
- `1 <= target[i] <= 1000`
- `1 <= arr[i] <= 1000`

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

Yes No

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