5423. Find Two Non-overlapping Sub-arrays Each With Target Sum

/contest/biweekly-contest-28/problems/find-two-non-overlapping-sub-arrays-each-with-target-sum/submissions/)

contest/biweekly-contest-28/)

Given an array of integers `arr` and an integer `target`.

You have to find **two non-overlapping sub-arrays** of `arr` each with sum equal `target`. There can be multiple answers so you have to find an answer where the sum of the lengths of the two sub-arrays is **minimum**.

Return *the minimum sum of the lengths* of the two required sub-arrays, or return ***-1*** if you cannot find such two sub-arrays.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Medium

Example 1:

```
Input: arr = [3,2,2,4,3], target = 3
Output: 2
Explanation: Only two sub-arrays have sum = 3 ([3] and [3]). The sum of their lengths is 2
```

Example 2:

```
Input: arr = [7,3,4,7], target = 7
Output: 2
Explanation: Although we have three non-overlapping sub-arrays of sum = 7 ([7], [3,4] and
```

Example 3:

```
Input: arr = [4,3,2,6,2,3,4], target = 6
Output: -1
Explanation: We have only one sub-array of sum = 6.
```

Example 4:

```
Input: arr = [5,5,4,4,5], target = 3
Output: -1
Explanation: We cannot find a sub-array of sum = 3.
```

Example 5:

```
Input: arr = [3,1,1,1,5,1,2,1], target = 3
Output: 3
Explanation: Note that sub-arrays [1,2] and [2,1] cannot be an answer because they overlap
```

Constraints:

- 1 <= arr.length <= 10^5
- 1 <= arr[i] <= 1000
- 1 <= target <= 10^8

JavaScript

```
/**
 * @param {number[]} arr
 * @param {number} target
 * @return {number}
 */
var minSumOfLengths = function(arr, target) {

};
```

Custom Testcase | Use Example Testcases

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