**HOPE ASSIGNMENT II**

**SLIDING WINDOW**

1.Find two non-overlapping subarrays with sum equal target. Find answer where the sum of length of two- sub array is minimum.

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.

2. Concatenated Substring in s is a substring that contains all the strings of any permutation of words concatenated

Input :s = "barfoothefoobarman", words = ["foo","bar"]

**Output:** [0,9]

**Explanation:** Since words.length == 2 and words[i].length == 3, the concatenated substring has to be of length 6.

The substring starting at 0 is "barfoo". It is the concatenation of ["bar","foo"] which is a permutation of words.

The substring starting at 9 is "foobar". It is the concatenation of ["foo","bar"] which is a permutation of words.

The output order does not matter. Returning [9,0] is fine too.

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