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Courses

Tracks



</> Problem

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Submissions

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Indexes of Subarray Sum

Difficulty: **Medium**Accuracy: **16.5%**Submissions: **1.8M**Points: **4**Average Time: **20m**

Given an array **arr[]** containing only non-negative integers, your task is to find a continuous subarray (a contiguous sequence of elements) whose sum equals a specified value **target**. You need to return the **1-based indices** of the leftmost and rightmost elements of this subarray. You need to find the first subarray whose sum is equal to the target.



Note: If no such array is possible then, return [-1].

Examples:

Input: arr[] = [1, 2, 3, 7, 5], target = 12

Output: [2, 4]

Explanation: The sum of elements from 2nd to 4th position is 12.

Input: arr[] = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10], target = 15

Output: [1, 5]

Explanation: The sum of elements from 1st to 5th position is 15.

Input: arr[] = [5, 3, 4], target = 2

Output: [-1]

Explanation: There is no subarray with sum 2.

Constraints:

$1 \leq \text{arr.size()} \leq 10^6$

$0 \leq \text{arr}[i] \leq 10^3$

$0 \leq \text{target} \leq 10^9$

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Python3



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```
1 #User function Template for python3
2 class Solution:
3     def subarraySum(self, arr, target):
4         # code here
```

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