

## #TWO SUM

### 1. Two Sum II - Input array is sorted

Given a sorted array of integers, return the indices of the two numbers such that they add up to a specific target.

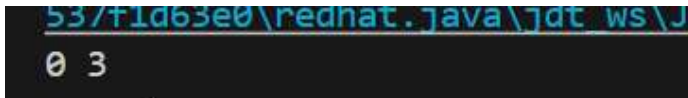
**Input:**

arr={-3,-1,5,6}

target=3

**Output:**

0 3

A terminal window with a dark background. The top line shows a file path in red: 537f1d63e0\redhat.java\jdt\_ws\J. The second line shows the output '0 3' in white.

## #SubArraySum

### 2. Subarray Sum Equals K

Given an array of integers and a target sum k, return the total number of continuous subarrays whose sum equals to k.

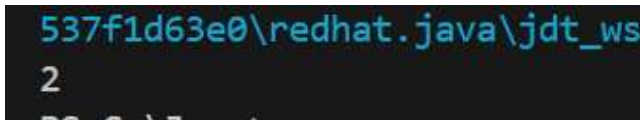
**Input:**

arr={1,2,8,10}

target=10

**Output:**

2

A terminal window with a dark background. The top line shows a file path in red: 537f1d63e0\redhat.java\jdt\_ws\J. The second line shows the output '2' in white.

## #RemoveNth

### Remove Nth Node From End of List

Given a linked list, remove the nth node from the end and return its head.

**Input:**

List:1 9 0 2

n=1

**Output:**

1 9 0

```
537f1d63e0\redhat.java\jdt_
1 9 0
PS C:\Java>
```

### #AddIntegerInLinkedLists

#### Linked Lists

#### Add Two Numbers

You are given two non-empty linked lists representing two non-negative integers. Add the two numbers and return the sum as a linked list.

#### Input:

List1:9 9 9

List2:0 0 1

#### Output:

1 0 0 0

```
537f1d63e0\redhat.java\jdt_ws
1 0 0 0
PS C:\Java>
```