

# Find subarray with given sum | Set 1 (Nonnegative Numbers)

Given an unsorted array of nonnegative integers, find a continuous subarray which adds to a given number.

## Examples :

**Input:** arr[] = {1, 4, 20, 3, 10, 5}, sum = 33

**Output:** Sum found between indexes 2 and 4

Sum of elements between indices

2 and 4 is  $20 + 3 + 10 = 33$

**Input:** arr[] = {1, 4, 0, 0, 3, 10, 5}, sum = 7

**Output:** Sum found between indexes 1 and 4

Sum of elements between indices

1 and 4 is  $4 + 0 + 0 + 3 = 7$

**Input:** arr[] = {1, 4}, sum = 0

**Output:** No subarray found

There is no subarray with 0 sum

There may be more than one subarrays with sum as the given sum. The following solutions print first such subarray.