# Subarray With Given Sum

**Link : https://practice.geeksforgeeks.org/problems/subarray-with-given-sum/0**

**Given an unsorted array A of size N of non-negative integers, find a continuous sub-array which adds to a given number S.**

**Input:**
The first line of input contains an integer **T** denoting the number of test cases. Then **T** test cases follow. Each test case consists of two lines. The first line of each test case is **N** and **S**, where N is the size of array and S is the sum. The second line of each test case contains **N** space separated integers denoting the array elements.

**Output:**
For each testcase, in a new line, print the **starting and ending positions**(**1** indexing) of **first such occuring subarray from the left** if sum equals to subarray, else print **-1**.

**Constraints:**
$1 <= T <= 100$

$1 <= N <= 10^7$

$1 <= A_i <= 10^{10}$

**Example:**
**Input:**
2
5 12
1 2 3 7 5
10 15
1 2 3 4 5 6 7 8 9 10
**Output:**
2 4
1 5

**Explanation :**
**Testcase1:** sum of elements from 2nd position to 4th position is 12
**Testcase2:** sum of elements from 1st position to 5th position is 15