Problems

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

** For More Input/Output Examples Use 'Expected Output' option **

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