# Honey: An Uninterrupted Experience

**Memory limit**: 4 MB  
**Time limit**: 0.2 second  
**Input file**: honey-in01.txt  
**Output**: honey-out01.txt

## Description

Winnie-the-Pooh has jars placed on a long branch. They are all arranged in a single line. Every jar contains some amount of honey expressed as a positive integer number of ounces (one ounce (oz) is grams or of a pound).

He intends to eat exactly ounces of honey. He can do this by emptying a single jar or any number of consecutive jars. You should count the total number of ways to do this and for each way find the starting and and the ending jar (their numbers start from ). Different ways may overlap.

**Input:**  
An input file consists of two lines:  
The first line of an input file is two positive integers and , where is the number of jars and is the required amount of honey. The second line is an (unsorted) sequence of exactly space-separated integers denoting the amounts of honey in the jars.

**Output:**  
On the first line output a non-negative integer : the number of possibilities. If it is impossible, output just the number . If , then more lines should follow. Every line shows the starting and ending positions (indexing from , both endpoints are included).

**Constraints:**

* ,
* , for all .

### Example 1

The content of input file honey-in01.txt:

5 13  
1 2 4 7 6

The content of output file honey-out01.txt:

2  
2 4  
4 5

### Example 2

The content of input file honey-in02.txt:

10 15  
1 2 3 4 5 6 7 8 9 10

The content of output file honey-out02.txt:

3  
1 5  
4 6  
7 8