D. Server

You are in charge of a server that needs to run some submitted tasks in a first-come, first-served basis. Each day, you can dedicate the server to run these tasks for at most T minutes. Given the time each task takes, you want to know how many of them will be finished today.

Consider the following example: Assume $T = 180$ and the tasks take $45, 30, 55, 20, 80,$ and 20 minutes (in order of submission). Then, only four tasks can be completed. The first four tasks can be completed because they take 150 minutes, but not the first five, because they take 230 minutes which is greater than 180. Notice that although after completion of the fourth task, there is enough time to perform the sixth task (which takes 20 minutes), you cannot do that because the fifth task is not done yet.

Input:

The input may consist of a multiple test cases. For each case, the first line contains two integers n and T where $1 \le n \le 50$ is the number of tasks and $1 \le T \le 500$. The next line contains n positive integers (each no more than 100) that indicate how long each task takes in order of when they are submitted. Process until an end-of-file is detected.

Output:

Display the number of tasks that can be completed in T minutes in a first-come, first-served basis. Follow this format exactly: "`Case`", one space, the case number, a colon and one space, and the answer for that case with no trailing spaces.

Sample Input	Sample Output

`6 180`
`45 30 55 20 80 20`
`10 60`
`20 7 10 8 10 27 2 3 10 5`
	`Case 1: 4`
	`Case 2: 5`