

Bibi and Bananas

Bibi loves to eat bananas. In fact, she loves bananas so much that she only wants to eat bananas that weigh at least K kilograms. Right now, Bibi has N bananas in her fridge.

Since Bibi wants to start dieting, she has asked you to write a program that will tell her how many bananas she will eat. Help Bibi!

Format Input

The input consists of T test cases. Each test case contains two lines of input:

- The first line of each test case contains two integers N and K, the amount of bananas in Bibi's fridge and the minimum weight of the banana Bibi wants to eat.
- The second line of each test case contains N integers A_i , the weight of each banana.

Format Output

For each test case, output one line containing "Case #X:" (without quotes), where X is the test case number (starting from 1), then followed by Y, the number of bananas Bibi will eat.

Constraints

- $1 \le T \le 100$
- $1 \le N \le 10^4$
- $1 \le K \le 10^6$
- $1 < A_i < 10^6$

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Sample Input (standard input)

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Sample Output (standard output)

Case #1: 2 Case #2: 0



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Bibi sangat suka pisang. Saking sukanya dengan pisang, Bibi hanya ingin memakan pisang yang memiliki berat minimal K kilogram. Saat ini, Bibi memiliki N pisang di dalam kulkas miliknya.

Karena Bibi ingin mulai diet, ia meminta kamu untuk membuat sebuah program yang dapat memberitahunya berapa pisang yang akan ia makan. Bantulah Bibi!

Format Input

Input soal terdiri dari T test case. Setiap test case memiliki dua baris input:

- Baris pertama dari tiap test case berisi dua angka bulat N dan K, jumlah pisang yang ada di kulkas Bibi dan berat minimum pisang yang ingin Bibi makan.
- Baris kedua berisi N angka bulat A_i , berat dari tiap pisang.

Format Output

Untuk setiap test case, tampilkan sebuah baris berisi "Case #X:" (tanpa kutip), dimana X merupakan nomor test case (dimulai dari 1), kemudian diikuti Y, jumlah pisang yang akan Bibi makan.

Constraints

- $1 \le T \le 100$
- $1 \le N \le 10^4$
- $1 \le K \le 10^6$
- $1 \le A_i \le 10^6$

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Sample Input (standard input)

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Sample Output (standard output)

Case #1: 2 Case #2: 0



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