

Items

Jojo has N different type of items. There are certain number of items for each type of item. He wonders how many items in total he has. Help him by making a program to answer his questions.

Format Input

The first line is an integer T representing the number of test cases.

For each test case there will be 2 lines. The first line is N, and the second line consist of N integers separated by space, from a_1 to a_N . a_i represent the number of items of type i

Format Output

The total number of items that Jojo have with format "Case #X: Y". X is the test case number and Y is a number that represents the total number of items that Jojo have.

Constraints

- $1 \le T, N \le 100$
- $1 \le a_i \le 10^9$

Sample Input 1 (standard input)

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Sample Output 1 (standard output)

Case #1: 6
Case #2: 18

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Sample Input 2 (standard input)

3	
4	
6 3 4 1	
1	
100	
2	
3 4	

Sample Output 2 (standard output)

Case #1: 14 Case #2: 100 Case #3: 7



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Items

Jojo memiliki N jenis barang yang berbeda. Ada sejumlah barang untuk setiap jenis barang. Ia bertanya-tanya berapa jumlah total barang yang ia miliki. Bantu dia dengan membuat program untuk menjawab pertanyaannya.

Format Input

Baris pertama adalah sebuah bilangan bulat T yang merepresentasikan banyaknya kasus uji.

Untuk setiap kasus uji, akan ada 2 baris input. Baris pertama adalah sebuah bilangan bulat N, dan baris kedua terdiri dari N bilangan bulat yang dipisahkan dengan spasi, dari a_i sampai a_N . a_i merepresentasikan banyaknya barang jenis ke-i.

Format Output

Jumlah total barang yang Jojo miliki dengan format "Case $\sharp X$: Y". X adalah nomor kasus uji, dan Y adalah sebuah bilangan yang merepresentasikan jumlah total barang yang Jojo miliki.

Constraints

- $1 \le T, N \le 100$
- $1 \le a_i \le 10^9$

Sample Input 1 (standard input)

2 3 1 2 3 3 5 6 7

Sample Output 1 (standard output)

Case #1: 6 Case #2: 18

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Sample Input 2 (standard input)

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4	
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Sample Output 2 (standard output)

Case #1: 14 Case #2: 100 Case #3: 7



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