Sum of array

Your task is to calculate the sum of all elements of an array A of size N, given as input.

Input
The first line of input contains an integer N ($1 < N \leq 10^3$), the size of array A. The second line of input contains the values of array A.

Output
The first line displays the sum of all values of array A if N fulfills the constraints, "Wrong input" otherwise.

Sample input

Sample output

Sample input	Sample output
10 4 6 3 7 5 8 2 2 8 6	51
5 4 3 1 4 5	17
1 1	Wrong input