72763. Sum of array

Input file:	standard input
Output file:	standard output
Time limit:	1 second
Memory limit:	256 megabytes

Given an array consisting of integers. Write a program, which finds sum of all elements.

Input

The first line contains integer n ($1 \leqslant n \leqslant 10^5$) — array size. The next line contains n integers a_i ($-10^9 \leqslant a_i \leqslant 10^9$) — elements of array.

Output

Single number, sum of elements.

Examples

standard input	standard output
4 2 7 3 3	15
1 3	3
3 -1 9 5	13
4 -10 -2 -5 -8	-25
2 1 8	9

Note

Sum can be big number use your mind.)