

Example Problem

Problem ID: example

Note: This problem is intended to illustrate how to perform input/output for the Quora Programming Challenge, and how subtask scoring will work. It is **not** representative of the difficulty of problems you will see on the real challenge.

Hwan Seung has N hands. In each hand, he is holding some number of apples. Write a program to find the total number of apples Hwan Seung is holding.

Input

Your program will receive input from standard input.

The first line of the input contains a single integer n . The second line of the input contains n space separated integers a_i , denoting the number of apples Hwan Seung is holding in hand i .

Output

Your program should write to standard output.

Print exactly one line containing the total number of apples Hwan Seung is holding.

Constraints

- $2 \leq n \leq 10$
- $0 \leq a_i \leq 100$

Subtasks

You will get points for each subtask when you pass all of the testcases of the subtask.

1. $2 \leq n \leq 3$ (20 points)
2. $2 \leq n \leq 5$ (30 points)
3. No additional constraints (50 points)

Sample Input 1

```
3
4 0 2
```

Sample Output 1

```
6
```