Water Bottles

Problem ID: bottles

Problem Statement

You have N bottles, where the i-th bottle can hold a_i millilitres of water. Your task is to determine the **total capacity** of all the bottles combined.

Input

- The first line contains an integer N $(1 \leq N \leq 1000)$, the number of bottles.

- The second line contains N integers $a_1, a_2, \ldots, a_N$ $(0 \leq a_i \leq 10^4)$, the capacities of the bottles.

Output

Print a single integer: the total capacity of all N bottles.

Subtasks

Subtask	Constraints	Points
1	We will only test the provided sample inputs.	10
2	$N \leq 100$, $a_i \leq 100$	30
3	$N \leq 1000$, $a_i \leq 10^4$	60

Sample Input 1

```
3
2 5 7
```

Sample Output 1

```
14
```

Explanation for Sample 1

The bottles can hold $2 + 5 + 7 = 14$ millilitres in total.

Sample Input 2

```
5
0 0 0 0 0
```

Sample Output 2

0

Explanation for Sample 2

All bottles are empty, so the total is 0.

End of Problem 1