

# Mock CCC '18 Contest 3 J1 - A Sum Problem

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**Time limit:** 1.0s    **Memory limit:** 1G

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Given a list of integers, compute the sum of the nonzero ones.

In the event the list contains no nonzero integers, the desired sum is zero.

## Constraints

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$$1 \leq N \leq 10$$

$$-5 \leq a_i \leq 5$$

In tests worth 5 marks, all  $a_i$  are nonzero.

## Input Specification

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The first line contains a single integer  $N$ .

The next  $N$  lines each contain a single integer,  $a_i$ , representing the  $i$ th integer in the list.

## Output Specification

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On a single line, output the sum of the nonzero integers.

## Sample Input 1

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```
10
0
0
0
0
0
0
0
0
0
0
```

## Sample Output 1

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0

## Sample Input 2

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2  
1  
-2

## Sample Output 2

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-1