

# A Very Big Sum

In this challenge, you need to calculate and print the sum of elements in an array, considering that some integers may be very large.

## Function Description

Complete the *aVeryBigSum* function with the following parameter(s):

- *int ar[n]*: an array of integers

## Return

- *long*: the sum of the array elements

## Input Format

The first line of the input consists of an integer *n*.  
The next line contains *n* space-separated integers contained in the array.

## Output Format

Return the integer sum of the elements in the array.

## Constraints

$$1 \leq n \leq 10$$
$$0 \leq ar[i] \leq 10^{10}$$

## Sample Input

STDIN	Function
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5	arr[] size n = 5
1000000001 1000000002 1000000003 1000000004 1000000005	arr[...]

## Output

5000000015
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## Note:

The range of the 32-bit integer is  $(-2^{31})$  to  $(2^{31} - 1)$  or  $[-2147483648, 2147483647]$ .  
When we add several integer values, the resulting sum might exceed the above range. You might need to use long int C/C++/Java to store such sums.