Sum of array

You will be given an array of size n (1 <= n <=100). You need to calculate the sum of the numbers of the array.

Input

The first line of input will contain an integer, n. In the next line, there will be n integers separated by space.

Output

You need to print the sum of the array. Check the sample input and output format to get a clear idea.

N.B.: The outputs are **case-sensitive.**

Sample Input	Sample Output
5 1 2 3 4 5	THE SUM IS : 15