

Problem 12: Grains of Sand

Difficulty: Easy

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Problem Background

You work for a beach authority who's decided to count every grain of sand on their beaches. Luckily for you, there are other teams doing the actual counting.

Problem Description

Your responsibility is to sum up the counts from each of the teams. Unfortunately, their counts are much larger than what a computer can normally handle. You might want to search your programming language's API for a library, class, or data type that can handle extremely large numbers.

Sample Input

The first line of your program's input, received from the standard input channel, will contain a positive integer representing the number of test cases. Each test case will include:

- A positive integer, **N**, representing the number of teams counting sand.
- **N** lines, each containing the number of grains of sand counted.

```
1
3
23882732998014371873
12198640218946090114
18002450730261047954
```

Sample Output

For each test case, your program should output one line containing the sum of sand grains from all the teams.

```
54083823947221509941
```