



Problem A Accounting Aid

Time limit: 1 second

Memory limit: 2048 megabytes

Problem Description

In a small business, there is an accountant named Ellie who is known for her diligence and responsibility. However, she lacks proficiency in computer usage and prefers to handle accounting work by hand. Although the manual approach is less efficient, it ensures accuracy.

The business operations gradually increase over time, and Ellie begins to feel overwhelmed. The manual approach of accounting is no longer sufficient to handle the growing workload, and she starts to feel confused and stressed.

One day, the boss of the company noticed Ellie's dilemma and decided to help her solve the problem. The boss found an information technology expert, that is you, to develop a specialized accounting program to assist Ellie in handling the business more efficiently.

Ellie writes each entry in the same format: a string of numbers, commas, and spaces. For each entry, please help her sum all the numbers. Additionally, note that there may be several commas or spaces between adjacent numbers.

Input Format

The first line contains a number t representing the number of entries. Following that, there are t lines. Each of them composed of numbers, commas, and spaces.

Output Format

For each entry, output the sum of the accounts.

Technical Specification

- $1 \leq t \leq 10^5$
- The total length of the input string will not exceed 10^6 characters.
- The sum of the numbers in each line is guaranteed not to exceed $2^{31} - 1$.
- Each line is guaranteed to contain at least one number.

Sample Input 1

```
3
3 1, 6,,4
6 , 3 ,1
7
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Sample Output 1

14
10
7

Sample Input 2

2
341,, 69
315,7

Sample Output 2

410
322