Sum of subsequences   P98835_en

Write a program that reads a sequence of subsequences of natural numbers, and prints the sum of each subsequence.

To solve this exercise, write a procedure

void *read_and_add*(**int**& *sum*, **bool**& *end*);

that reads a subsequence of natural numbers separated by '+' ended in comma or dot, returns the sum of the read integer numbers in the output parameter `sum`, and indicates if the read subsequence was the last sequence with the output parameter `end`. This case is detected because the las subsequence is the only one which end with a dot.

Input

Input consists of a non empty sequence of non empty subsequences of natural numbers. In each subsequence, the integer numbers are separated by '+'. All the subsequences end in comma, except the last one, that ends in a dot.

Output

Your program must print the sum of the elements of each subsequence in a different line.

Sample input

```
1+2+3+4+5,1000+100+10+1,7,0+42+23.
```

Sample output

```
15
1111
7
65
```

Problem information

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