
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 last subsequence is the only one which ends 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

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

Sample output 1

```
15
1111
7
65
```

Problem information

Author: Salvador Roura

Translator: Carlos Molina

Generation: 2026-01-25T12:19:49.817Z

© Jutge.org, 2006–2026.

<https://jutge.org>