**Balanced Numbers**

A balanced number is a 3-digit number whose second digit is equal to the sum of the first and last digit.

Write a program which reads and sums balanced numbers. You should stop when an unbalanced number is given.

**Input**

Input data is read from the standard input

* Numbers will be given
  + Each one will be on a separate line

**Output**

Print to the standard output

**Constraints**

* No more than 1000 numbers will be given

**Sample tests**

**Input**

132

123

**Output**

132

**Input**

275

693

110

742

**Output**

1078