## 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**

Copy

132

123

#### **Output**

Copy

132

#### **Input**

Copy

275

693

110

742

#### **Output**

Copy

1078