Problem F1201 String and Integer

You are given two integers a and b. Try to store them in both string and integer variable. Then try the a+b operations for two different data types. What are the differences?

Input

The input consist of 2 lines,

Integer a is on the first line.

Integer b is on the second line. Each of the two integers is between 1 and 100 inclusive.

Output

Output the result of string concatenation on the first line. Output the result of integer addition on the second line.

Sample Input 1

12

34

Sample Output 1

1234

46