

Just multiply !

Just multiply two numbers and print the product. Only allowed languages are C and C++.

Input

Input consists of many sets of two numbers a and b separated by space (a and b have less than 250 digits), each set in a single line.

Output

For each input line, print the product of the two numbers in a separate line.

Example

Input:

5 10

2 5

12 0

Output:

50

10

0