

Write a program that reads an expression consisting of two non-negative integer and an operator. Determine if either integer or the result of the expression is too large to be represented as a “normal” signed integer (type `integer` if you are working Pascal, type `int` if you are working in C).

An unspecified number of lines. Each line will contain an integer, one of the two operators + or \*, and another integer.

For each line of input, print the input followed by 1-3 lines containing as many of these three messages as are appropriate: “first number too big”, “second number too big”, “result too big”.

300 + 3  
999999999999999999999999 + 11

[illegible]