## Statement

Given a string of digits and an integer n, write a program that checks if it is possible to introduce the symbols + and - before each digit of the sequence so that doing the operations indicated, the final result is $n$

For example, it is possible to achieve it if the sequence is 1234567 and $n=-2$,

$$
-1+2-3-4+5+6-7=-2
$$

but it is not possible to achieve if the sequence is 1234567 and $\mathrm{n}=1$.

## Input

An arbitrary amount of cases (no more than 100), each one of them is formed by a sequence of digits (no more than 100) and an integer n between - 1000 and 1000 .

## Output

For each case, write one line with yes or no depending on if it is possible or not.

## Examples

## Input 1

55
yes
5-5
50
111-1
1111
1112
1113
72520
72521
Input 2
1234567-2
123456718
100700711
10000012
10000013

## Input 3

12345678901234567892 yes
12345678901234567893 no

