



Problem H. Sign

Input file: standard input
Output file: standard output
Time limit: 1s
Balloon color: Indigo

Given an integer n , find the sign of n .

Input

The input contains a single integer n ($-1000 \leq n \leq 1000$).

Output

Print the '+' if n is positive, '-' if n is negative, '?' otherwise.

Example

Sample Input 1	Sample Output 1
100	+