

time limit per test: 2 seconds

input: standard input

[illegible]

v34*8+6+,78+9*3+,93+9*5+,28+9*1+,55+9*4+,23*6*2*,91,@,+7*9*25,*48,+3*9+38,+<
>62*9*2+,34*9*3+,66+9*8+,52*9*7+,75+9*8+,92+9*6+,48+9*3+,43*9*2+,84*,26*9*3^

The input contains a single integer a ($0 \leq a \leq 1\,000\,000$).

Output a single integer.

input
129
output
1