

Problem H. Attack

Time Limit 2000 ms

Mem Limit 1048576 kB

Problem Statement

There is an enemy with stamina A . Every time you attack the enemy, its stamina reduces by B .

At least how many times do you need to attack the enemy to make its stamina 0 or less?

Constraints

- $1 \leq A, B \leq 10^{18}$
- A and B are integers.

Input

The input is given from Standard Input in the following format:

A B

Output

Print the answer.

Sample 1

Input	Output
7 3	3

Attacking three times make the enemy's stamina -2 .

Attacking only twice makes the stamina 1, so you need to attack it three times.

Sample 2

Input	Output
123456789123456789 987654321	1249999999

Sample 3

Input	Output
999999999999999998 2	4999999999999999999