ShaKer 2019 PreCoding Battle

A. "Bus Trip"

Statement

As the leader of a national bus transport company, you are facing a major technical issue : a retirement home wishes to organize a trip to a museum, without knowing how many buses will be needed.

You are thus going to write a program in order to solve this problem by computing the number of buses needed to carry every passenger to the museum.

A bus from your company

Input

On 2 lines :

- An integer N corresponding to the number of people who will need transportation to the museum ($0 \leq N \leq 10^4$) ;
- An integer P corresponding to the number of free seats on a bus ($1 \leq P \leq 10^4$).

NB : All buses have the same capacity.

Output

- Print an integer (on the standard output) corresponding to the number of buses needed.

Example

Input	Output
10 5	2

Here, 10 passengers need transportation and each bus has 5 free seats ; 2 buses are thus needed.

Input	Output
17 7	3

In this case, 17 passengers need to be transported using 7-seat buses, we therefore need at least 3 buses (with 21 seats in total).