

Problem A. Movies

Input file: **standard input**
Output file: **standard output**
Time limit: 1 second
Memory limit: 256 megabytes

Deadpool is watching movies about Wolverine from different universes on a multiverse movie website. It is known that there are a total of n movies, and each page of the website displays k different movies (with the last page showing all remaining ones). Deadpool doesn't have much time, so he goes straight to the last page and watches all the movies from it.

Each movie lasts exactly c minutes. How much time did he spend watching the movies?

Input

The first line contains three integers n, k, c ($1 \leq n, k, c \leq 10^4$) — the number of movies, the number of movies on one page, and the duration of one movie.

Output

Output a single number t , the amount of time that Deadpool will spend watching the movies.

Examples

standard input	standard output
20 3 60	120
65 10 30	150
100 20 90	1800

Note

In the first example, we have 20 movies and 3 movies on each page except the last one, so there are 2 movies on the last page, and watching those two movies will take a total of 120 minutes.

In the second example, there are a total of 65 movies and 10 movies per page, so there will be 5 movies on the last page, and watching them will take 150 minutes.

In the third example, there are 100 movies, with 20 movies per page, so there will be 20 movies on the last page, and Deadpool will watch them for 1800 minutes.