A. Two Bags of Potatoes

time limit per test: 1 second
memory limit per test: 256 megabytes
input: standard input
output: standard output

Valera had two bags of potatoes, the first of these bags contains x ($x \geq 1$) potatoes, and the second — y ($y \geq 1$) potatoes. Valera — very scattered boy, so the first bag of potatoes (it contains x potatoes) Valera lost.
Valera remembers that the total amount of potatoes ($x + y$) in the two bags, firstly, was not gerater than n, and, secondly, was divisible by k.

Help Valera to determine how many potatoes could be in the first bag. Print all such possible numbers in ascending order.

Input

The first line of input contains three integers y, k, n ($1 \leq y, k, n \leq 10^9$; $\leq 10^5$).

Output

Print the list of whitespace-separated integers — all possible values of x in ascending order. You should print each possible value of x exactly once.

If there are no such values of x print a single integer -1.

Examples

input
10 1 10
output
-1

input
10 6 40
output
2 8 14 20 26