

## A+B mod M

Time limit: 2 sec.

Memory limit: 512MB

### Description

Given three integers A, B, and M, find the value of  $(A+B) \bmod M$ .

A modulo operation, or mod in short, finds the remainder after division of one number by another. It could be expressed as " $x \bmod m$ " to represent the remainder of  $x$  when divided by  $m$ .

### Input

The first line contains three integers, A, B, and M. ( $1 \leq A, B, M \leq 1,000,000,000$ )

### Output

Print the value of  $(A+B) \bmod M$  in a single line.

### Sample I/O

Input(s)	Output(s)
1 2 3	0
123 45 67	34