Your mission

It's always hard to get motivated to go to the gym but in the last few months you've found a winning formula. You go after work with a colleague who is hyper motivated and who urges you not to miss any sessions.

Unlucky, tonight he's sick. You thought you had a good excuse to dodge, but it failed. Your colleague begs you to go there because he forgot his wallet-change in his locker the day before.

The lockers are protected by a digital password. Your colleague, a little paranoid, does not want to write you the password in an email but provides you with two indications:

- An interval [A,B] and a number D
- It guarantees you that the password is the first number divisible by D in this interval

The interval is inclusive which means that the password may be the lower or upper value.

Data format

Input

Row *1:* an integer **A** between 10 and 10 000 corresponding to the lower value of the interval.
Row 2: an integer **B** between **A** +1 and 10 001 corresponding to the upper value of the interval.
Row *3*: an integer **D** between 1 and 1 000 corresponding to a password divider.

Output

An integer representing the locker password.