Long Number

Time Limit: 1.0s   **Memory Limit:** 64M

KODTÜ6 Question F

Long Number

Execution time limit is 1 seconds.
Runtime memory usage limit is 64 megabytes.

Consecutive natural numbers from A to B were written out one after another without gaps, thus forming a number that is divisible by the natural number without remainder C. According to the data A and C indicate the smallest value B.

Input

Two numbers A and C (A, B < 10000, A <= B).

Output

Single number B.

Examples

Input:

```
11  3
```

Output:

```
13
```