

Troy and Gabriel are shelving books at a public library. Troy shelves X books at a time, whereas Gabriel shelves Y at a time. If they end up shelving the same number of books, write a program to find the smallest number of books each could have shelved.

You will receive 2 lines of input, the first will be Troy's books shelved, the second will be Gabriel's.

Input

```
| 10  
| 6
```

Output

```
| 30
```

Discussion

Because you are told that the 2 people shelve the same number of books, and that they finish at the same time, you need to look for lowest multiple of the 2 numbers. E.G. People shelving 5 books at a time, and 6 books at a time will intersect and have shelved the same number of books at books: 30, 60, 90, etc. The lowest number they could both shelve at the same time is 30.

Hint this is not simply a multiplication problem! Run the multiples of the numbers to find the least common one.