

C. LCM

time limit per test: 2 seconds

memory limit per test: 256 megabytes

input: standard input

output: standard output

Least common multiple (LCM) of two numbers is the smallest positive integer which is divisible by both of them. You are given integers a and b . Calculate their LCM.

Input

The input contains two integers a and b ($1 \leq a, b \leq 10^3$), separated by a single space.

Output

Output $\text{LCM}(a, b)$.

Examples

input
10 42
output
210

input
123 41
output
123