GCD   X63747_en

Write a program that, given two different positive integers, prints their GCD.

Input

Input consists of a two positive integers. Including the zero.

Output

The GCD.

Information about the checker

You can print the solutions to this exercise in any order.

Sample input 1	Sample output 1
0 3	The GCD of 0 and 3

Sample input 2	Sample output 2
10 0	The GCD of 10 and 0

Sample input 3	Sample output 3
0 0	The GCD of 0 and 0

Sample input 4	Sample output 4
12 1	The GCD of 12 and 1 is 1

Sample input 5	Sample output 5
12 36	The GCD of 12 and 36 is 12

Problem information

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