HackerRank

Greatest Common Divisor!

Problem Statement

Leo is developing a mathematical toolkit that performs basic number theory operations. One of the key features he needs to implement is calculating the **Highest Common Factor (HCF)** — also known as the **Greatest Common Divisor (GCD)** — of two given numbers.

Your task is to help Leo by writing a program that takes two integers and computes their HCF.

Input Format

• Two integers A and B, separated by a space.

Output Format

• Print a single integer — the HCF of the given numbers.

Sample Input 0

12 18

Sample Output 0

6