## GCD

GCD (Greatest Common Divisor) between $a$ and $b$ is the greatest number $n$ where both $a$ and $b$ are divisible by $n$.

## Input

Input contains 2 number $a b$ where $1<=a, b<=100000$

## Output

Print the GCD between a and b. Print endl after the test case.

## Example

Input:
68
Output:
2

