

# Coprime

Write a program to check if the two given input numbers are coprime.

## Input

Two space separated integers a,b.

Time Limit: 1.0s  
Memory Limit: 64M

## Output

Print "YES" if the numbers are coprime otherwise "NO"

## Constraints

$1 \leq a, b \leq 1e16$

## Sample Input 1

5 11

## Sample Output 1

YES

## Sample Input 2

5 10

## Sample Output 2

NO