import java.util.\*;

public class Main {

static int gcd(int a,int b){

while(a%b!=0){

int rem= a%b;

a=b;

b=rem;

}

return b;

}

public static void main(String args[]) {

Scanner jk=new Scanner(System.in);

int n=jk.nextInt();

int m=jk.nextInt();

System.out.println(gcd(n,m));

}

}