import java.util.\*;

public class Main

{

public static void main(String[] args){

Scanner in=new Scanner(System.in);

System.out.println("ENTER THE NUMBERS");

int num1=in.nextInt();

int num2=in.nextInt();

int hcf=0;

for(int i=1;i<=num1||i<=num2;i++){

if(num1%i==0 && num2%i==0){

hcf=i;

}

}

System.out.println("HCF OF "+ num1+" and "+num2+" is "+hcf);

}

}