#include<stdio.h>

int gcd(int a, int b);

int main()

{

int num1, num2;

printf("Enter two numbers : ");

scanf("%d %d",&num1, &num2);

int result = gcd(num1, num2);

printf("The GCD of %d and %d = %d", num1, num2, result);

return 0;

}

int gcd(int a, int b)

{

int hcf;

for(int i=1; i<=a && i<=b; i++)

{

if(a%i==0 && b%i==0)

{

hcf = i;

}

}

return hcf;

}