#include<stdio.h>

void main()

{

int num1,num2,i,gcd;

printf("Enter the two number ");

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

for(i=1;i<num1&&i<num2;i++)

{

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

gcd=i;

}

printf("GCD of %d & %d is %d",num1,num2,gcd);

}

Output:-

Enter the two number 5

10

GCD of 5 & 10 is 1