```c
#include<stdio.h>
int main(){

    int num1,num2,gcd=1, i;
    printf("enter number 1 : ");
    scanf("%d", &num1);

    printf("enter number 2 : ");
    scanf("%d", &num2);

    for(i=1;i<=num1 && i<=num2;i++){
        if(num1%i==0 && num2%i==0){
            gcd = i;
            }
    }

    printf("GCD of %d and %d is %d \n",num1,num2,gcd);


    return 0;
}
```