



# STUDENT REPORT

## DETAILS

### Name

HANAMAGOUDA S GOUDARA

### Roll Number

KUB23CSE041

## EXPERIMENT

### Title

SIGNATURE FOR LCM

### Description

Given two numbers a and b. Find the GCD and LCM of a and b.

Input:

- Two positive integers a and b ( $1 \leq a, b \leq 1000$ )

Output:

For GCD function, an integer representing the GCD of a and b

For LCM function, an integer representing the LCM of a and b

### Sample Input:

12 18

### Output:

6

36

### Explanation:

The GCD of 12 and 18 is 6. The LCM of 12 and 18 is 36.

### Source Code:

```
import math
a,b=list(map(int,input().split()))
def lcm(a,b):
    return (a*b)//math.gcd(a,b)
print(math.gcd(a,b))
print(lcm(a,b))
```

## RESULT

KUB

SE04

B23C

11 KU  
SE04

CSE0  
B23

UB23  
241 K

041 K  
3C