



# STUDENT REPORT

## DETAILS

**Name**

U JEEVAN

**Roll Number**

3BR23EC172

## EXPERIMENT

**Title**

SIGNATURE FOR LCM

**Description**

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

3BR

172

3EC

3BR2  
3EC1

1723  
BR23

3EC1  
23B

BR23F  
EC