



# STUDENT REPORT

## DETAILS

Name

Zayed Mulla

Roll Number

3BR23ME026

## 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

3BR

ME02b

R23M

3BR  
26 3BR

ME02  
ME02

R23M  
R23M

26 3BR  
26 3BR