



# STUDENT REPORT

## DETAILS

Name

Sagar B

Roll Number

3BR23ME019

## 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

3BH

ME01

R23N

ME01

ME01

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ME01