

POS

23

POS

30

-CAO21 38R23CAO21 38R23CAO21 38R23CAO21 -CAO21 38R23CAO21 38R23CAO

23

### DETAILS

#### Name

**B SUSHMITA** 

**Roll Number** 

3BR23CA021

## 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 <=a, b <=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:**

36

#### **Explanation:**

The GCD of 12 and 18 is 6. The LCM of 12 and 18 is 36. 2.1 3BR23CA021 3BR23CA021 3BR23CA021 3BN 3BR23CA021 3BR23CA021 3BR23CA021 3B

# Source Code: 3BR23CA0213BR23CA0213BR23-38R23CA021 38R23CA01

3BR23CA021 Separation of the second separation of the sec https://practice.reinprep.com/student/get-report/5155ccf2-7d0c-11ef-ae9a-0e411ed3c76b

```
import math

def gcd(a, b):
    return math.gcd(a, b)

def lcm(a, b):
    return (a * b) // gcd(a, b)

a, b = map(int, input().split())

gcd_value = gcd(a, b)

lcm_value = lcm(a, b)

print(gcd_value)
print(lcm_value)

RESULT

5/5 Test Cases Passed | 100 %
```