BRZ

023

3CD 102 3BR23CD 10



STUDENT REPORT

3

# DETAILS

**V SAVITRI** 

**Roll Number** 

3BR23CD102

### **EXPERIMENT**

### Title

#### **Description**

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

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#### 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. 38R23CD10238R23CD10238R23CD10238R23CD10238R23CD10238R23CD10238R23CD1023R23CD1022R23CD1022R23CD1022R23CD1022R23CD1022R23CD1022R23CD1022R23CD1022R23CD1022R22CD1022CD10 1023BR23CD1023BR22CD1023BR23CD1023BR23CD1023BR23CD1023BR23CD1023BR22CD1023BR23CD1023BR22CD1023BR22CD1023BR22CD1023BR22CD1023BR22CD1023BR22CD1023BR22CD1023BR22CD102BR 38R23CD1023BR23CD1023BR23CD1023 

## Source Code: 38R23CD1023BR23CD1023BR22 38R23CD1023RR23CD.

https://practice.reinprep.com/student/get-report/14920029-7c07-11ef-ae9a-0e411ed3c76b

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```
import math

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

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

# Input reading
    a, b = map(int, input().split())

# Calculate GCD and LCM
    gcd_value = gcd(a, b)
    lcm_value = lcm(a, b)

print(gcd_value)

print(lcm_value)

RESULT

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