38RT

286

STUDENT REPORT

.086

388

# DETAILS

M SAHANA

Roll Number 🔗

3BR23EC086

### **EXPERIMENT**

086

### Title

SIGNATURE FOR LCM

#### **Description**

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

2236

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.

## Source Code: 3BR23EC0863BR23EC0863BR23 38R23EC0863BR23ECV

3BR23EC086 3BR2608 3BR23EC086 3BR23EC086 3BR23EC086 3BR23EC086 3BR23EC086 3BR23EC086 3BR23EC086 3BR23EC086 3BR 3BR23EC0865BR23EC0863BR23EC0863BR23EC0863BR23EC0863BR23EC0863BR23EC0863BR23EC0863BR23EC0863BR23EC0863BR23EC0863BR23EC0863BR23EC0863BR23EC0865BR23EC086BR23 38R23EC0863BR23EC0863V

```
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 %

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```