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STUDENT REPORT

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DETAILS

9/28/24, 12:21 AM

Rukhsar K A

Roll Number 3EE080

3BR23EE080

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. 380 38R23FL080 3BR23FL080 3BR25FL080 3BR25FL 3BR23EE080 3B.

Source Code: 3BR23EE080 3BR23EE080 3BR2235 38R23EE080 3BR23EE0~

```
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(gcd_value)

Print(lcm_value)

RESULT

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