38RT

34CO39 38R23ECO39 38R2



STUDENT REPORT

.030

388

DETAILS

DEEKSHITHA S B M

Roll Number 🔗

3BR23EC039

EXPERIMENT

Title

SIGNATURE FOR LCM

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. 38 38 Real Corner of the Corne 3BR23EC039 3BR23EC039 3BR23EC039 3BR23EC039

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Source Code: 38R23ECO393BR23ECO393BR23 38R23EC0393BR23ECU

https://practice.reinprep.com/student/get-report/88c22020-7bd7-11ef-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 %
```