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25 Repairs Health Repairs Repa



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DETAILS

Name

BINDU PATIL

Roll Number

3BR23AI027

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EXPERIMENT

Title

SIGNATURE FOR LCM

Description

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

MOZ

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: 38R23A1021 3BR23A1021 3BR23A. 38R23A1021 38R23A102'

-8R23A1021 3BR23A1021 3BR23A1021 3BR23A102. 37 38R23A1021 3R24A1021 3R24A10 3BR23A1021 38R23A1021 3BR23A1021 38R23A1021 3R23A1021 3R23A1

```
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 %

ARCALLAGA

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```