

STUDENT REPORT

DETAILS

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Roll Number 🔶

KUB23CSE021

EXPERIMENT

Title

SIGNATURE FOR LCM

Description

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

1823

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

Source Code:

Explanation:

LUB23C5E021 KUB23C3

The GCD of 12 and 18 is 6. The LCM of 12 and 18 is 36. KNB33CSE021 KNB23CSE021 KNB23C

KNB23C5E021 KNB23C5E021 KNV

KNB23C5E021 KNB22C5E021 KNB22C5E021 KNB22C5E021 KNB22C5E021 KNB22C

FIBI 402

-23C5E021 KUB23C5E021 KUB23C5E021 KUB22 C5E021 KUB23C5E021 KUB23C5 1621 KUB23CSE021 K Tief-ae^c SUBANEW BANCETT BANCET

```
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 %
```