SEO

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033



DETAILS

Name

D M ISAQ

Roll Number

KUB23CSE033

EXPERIMENT

Title

SIGNATURE FOR LCM

Description

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

403

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. .033 KUB23 C5E033 KUB23 C5E035 KNB53C5E033 KNB53C5E033 KNB53C5E033 W1823C5E033 KU1823C5E033 KU1823C

Source Code: LUB23C5E033 LUB23C5V

```
def gcd(a, b):
    while b:
        a, b = b, a % b
        return a

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 %
```