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CEO

DETAILS N-

BANDU BHAI MOHAMMED EISSA

Roll Number

TEMPBTech-ECE002

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. TEMP BEECH, ECHOON TEMP BEECH, E TEMP BT BCh. ECEOO2 TEMP BCh. ECEOO2

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Source Code: ECEOO2 TEMP BTech-ECK TEMP8 Tech. ECEOO2 TEMP8 Tech.

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

def lcm(a, b):
    return abs(a * b) // gcd(a, b)

# Sample input
a, b = map(int, input().split())
gcd_value = gcd(a, b)
lcm_value = lcm(a, b)

# Output the results
print(gcd_value)
print(lcm_value)

RESULT

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