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STUDENT REPORT

002

DETAILS

ABDUL KHUDDUS KHAZI

Roll Number 👇

KUB23CSE002

EXPERIMENT

Strain Title

SIGNATURE FOR LCM

Description

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

JB23

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. FOOT KUB23CSEOOZ KUB23CSEOOZ KUB23CSE KNB33CSE002 KNB23CSE002 KNB23C KNB33CSE002 KNB23CSE002 KNB22CSE002 KNB22CSE002 KNB22CSE002 KNB22CSE002 KNB22CSE002 KNB22CSE002 KNB22CSE002 KNB22CSE002 KNB22CSE002 KNB22C

Source Code: * NB23C5E002 KUB23C

```
KUB23CSE002-Signature for LCM
    def gcd(a, b):
        while b:
            a, b = b, a \% b
        return a
    def lcm(a, b):
        return abs(a * b) // gcd(a, b)
    # Input reading
    a, b = map(int, input().split())
    # Calculating GCD and LCM
    gcd_value = gcd(a, b)
    lcm_value = lcm(a, b)
    # Output results
    print(gcd_value)
    print(lcm_value)
RESULT
  5 / 5 Test Cases Passed | 100 %
```