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DETAILS

Name

B VASUDEVA REDDY

Roll Number

KUB23CSE019

EXPERIMENT

Title

SIGNATURE FOR LCM

Description

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

401

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. 019 KUB23C5E019 KU KNB23C5E019 KNB23C5E019

LUB23C5E019 KUB23C5E019 KUB25C5E019 KUB25C5E019 KUB25C5E019 KUB25C5E019 KUB25C5E019 KUB25C

Source Code: LUB23C5E019 KUB23C5V

```
KUB23CSE019-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)
    # Example Usage
    a, b = map(int, input().split())
    gcd_result = gcd(a, b)
    lcm_result = lcm(a, b)
    print(gcd_result)
    print(lcm_result)
RESULT
  5 / 5 Test Cases Passed | 100 %
```