3BRT

BARA JAROB AL BROWN SHERE AL BROWN SHE AL BROWN SHERE AL BROWN SHE AL BROWN SHE A

34CO51 38R23ECO51 38R2



STUDENT REPORT

.057

388

DETAILS

J NAVYA

Roll Number

3BR23EC057

EXPERIMENT

Title

SIGNATURE FOR LCM

Description

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

823E

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. S ST 3BR23ECOST 3BR23E 38R23ECO51 3BR23ECO51 3BR23ECO51 3R 3BR23EC051 3BR23EC051 3BR23EC051 3BR23EC05

Source Code: 38R23ECO513BR23ECO513BR23 3BR23EC0513BR23ECU

```
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(gcd_value)
print(lcm_value)

RESULT

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