822

33CH039 3BR23CH039 3BR23CH03P 3BR23CH02P 3BR23CH02P 3BR23CH02P 3BR23CH02P 3BR23CH02P 3BR23CH02P 3BR23CH02P 3BR22CH02P 3BR22CH02P 3BR

500



STUDENT REPORT

300

DETAILS

K V RUCHITHA

Roll Number

3BR23CD039

EXPERIMENT

Title

SIGNATURE FOR LCM

Description

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

3822

30

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. 38R23CD03938R23CD03938R23CD03938R23CD03938R23CD03938R23CD03938R23CD03938R23CD03938R23CD03938R23CD03938R23CD039 38R23CD0393RR23CD0393BR23CD0393

Source Code: 3BR23CD0393BR23CD0393BR22 3BR23CD0393BR23CD~

039 3BR23CD039 3BR23CD039 3BR23CD039 3BR23CD039 https://practice.reinprep.com/student/get-report/9dc866af-7b3f-11ef-ae9a-0e411ed3c76b

```
import math

def gcd(a, b):
    return math.gcd(a, b)

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 %
```