

23

DETAILS

DASARI KEERTHI

Roll Number

3BR23AI039

EXPERIMENT

Title

,A1039

SIGNATURE FOR LCM

Description?

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

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. 38R23A1039 3BR23A1039 3BR23A1039 3BR23A1039

3BR23A1039 3BR23A1039 3BR23A1039 3BY

Source Code: 3BR23A10393BR23A10393BR235 38R23A10393BR23A103

https://practice.reinprep.com/student/get-report/1c5a3569-7bbb-11ef-ae9a-0e411ed3c76b

STUDENT REPORT

38

3822 1030

3R1039 38

O. Philips of the state of the

CR38 Reversion of the Control of the 38R23A10393BR23A1039BR23A1039BR23A1039BR23A1039BR23A1039BR23A1039BR23A1039BR23A103BR23A10BR23A10BR23A10BR23A10BR23A10BR23A10BR23A10BR23A10BR23A10BR23A10BR 38R23A1039 2A1039 3BR23A1039 3BR23A1039 3BR23A1039 3BR23A1039

```
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(lcm_value)

RESULT

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