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505

### STUDENT REPORT

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# DÉTAILS

**ESHWARI** 

#### Roll Number

3BR23CS051

#### **EXPERIMEN**

#### %Title

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. 3BR23CSOF1 3BR23C5051 3BR22C5051 3BR22C5051 3BR22C5051 3BR22C5051 3BR22C5051 3BR22C5051 3BR22C5051 3BR22C5051 3BR22C5051

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## Source Code: 3BR23C5051 3BR23C5V

3BR23CSOFT https://practice.reinprep.com/student/get-report/24ea598c-7b47-11ef-ae9a-0e411ed3c76b

```
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 %
```