&RZTS



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# DETAILS

SANJANA V CHOUDHARI

#### Roll Number

3BR23CD086

### **EXPERIMENT**

## Title

SIGNATURE FOR LCM

#### **Description**

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

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#### 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. 11ef-ae97 3BR23CD086 3BR23CD0863BR23CD0863BR23CD0863\*

## Source Code: 38R23CD08638R23CD08638R23 38R23CD0863BR23CDV

https://practice.reinprep.com/student/get-report/8564057c-7bfc-11ef-ae9a-0e411ed3c76b

Logo

STUDENT REPORT

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```
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 %

April 100
```