RBIE



## DETAILS

## Name Negrock

**BOYA KUSHAL** 

Roll Number

TEMPBTech-ECE020

## **EXPERIMEN**

Title

SIGNATURE FOR LCM

Description

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

Biec

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.

Source Code:

```
def gcd(a, b):
    while b:
        a, b = b, a \% b
    return a
def lcm(a, b):
    return abs(a * b) // gcd(a, b)
a, b = map(int, input().strip().split())
gcd_value = gcd(a, b)
lcm_value = lcm(a, b)
print(gcd_value)
print(lcm_value)
```

STUDENT REPORT

MPB objec MPBT

https://practice.reinprep.com/student/get-report/27d865f5-7bca-11ef-ae9a-0e411ed3c76b

**RESULT** 

5 / 5 Test Cases Passed | 100 %

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E020-Signature for

CEONTON.

CEOSCOSO NECESTRA

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