Logo

STUDENT REPORT

DETAILS

Name

PALAK YADAV

Roll Number

3BR23AI116

EXPERIMENT

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:

6

36

Explanation:

The GCD of 12 and 18 is 6. The LCM of 12 and 18 is 36.

Source Code:

```
import math
def find_gcd(a: int, b: int)-> int:
    return math.gcd(a, b)
def find_lcm(a: int, b: int)-> int:
    return abs(a*b)// find_gcd(a, b)
a, b = map(int,input().split())
print("GCD:", find_gcd(a, b))
print("LCM:", find_lcm(a, b))
```

RESULT

0 / 5 Test Cases Passed | 0 %