



STUDENT REPORT

DETAILS

Name

T G MANIKANTA

Roll Number

TEMPBTech-CSE082

EXPERIMENT

Title

SIGNATURE FOR LCM

Description

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

Source Code:

```
import math

a, b = list(map(int, input().split()))

def lcm(a, b):
    return (a * b) // math.gcd(a, b)

print(math.gcd(a, b))
print(lcm(a, 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.

RESULT

5 / 5 Test Cases Passed | 100 %