Logo

STUDENT REPORT

DETAILS

Name

RAKSHITHA

Roll Number

KUB23CSE114

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:

```
def gcd(a,b):
    while b!=0:
        a,b=b,a%b
    return a
def lcm(a,b):
    return a*b//gcd(a,b)
a,b=input().split()
a,b=int(a), int(b)
print(gcd(a,b))
print(lcm(a,b))
```

RESULT

5 / 5 Test Cases Passed | 100 %