Logo

STUDENT REPORT

DETAILS

Name

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Roll Number

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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

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 = list(map(int,(input().split())))
print(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

0 / 5 Test Cases Passed | 0 %