02

The state of the s

248 F2 AB 23 TO Z. AB Y2 AB Y2

Bracsan. 2812acsan. 22812acsan.



28/21

DETAILS

V INDU

Roll Number 6

22BI24CS402-T

EXPERIMEN

Title

SIGNATURE FOR LCM

Description

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

SAOZ

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. 22812ACSA02-T 22 22B12ACSAO2.T 22B12ACSAO2.T 22B12ACS.

Source Code: 22812ACSAO2.T22812A-22812ACSA02-T 22812ACSA02-T

```
import math

def gcd(a, b):
    return math.gcd(a, b)

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

# Input reading
a, b = map(int, input().split())

# Calculate GCD and LCM
gcd_value = gcd(a, b)
lcm_value = lcm(a, b)
print(gcd_value)
print(lcm_value)

RESULT

5/5 Test Cases Passed | 100 %
```