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DETAILS

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Roll Number 200

TEMPBTech-EEE077

EXPERIMENT

Title

SIGNATURE FOR LCM

Description

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

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PBE

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. TEMPBIECH FERN Brech FEEDTI TEMPBIECH FEEDTI FEE TEMP8 Tech. FEED TITEMP8 Tech. FEED TITEMP8 Tech.

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TEMP BTECH, EEE OTT TEN TEMP BTECH LEED TITE MP BTECH Source Code: JEMP BIC

```
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 %
```