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STUDENT REPORT

DETAILS

Name

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Roll Number 📣

KUB23CSE085

EXPERIMENT

Fitle

SIGNATURE FOR LCM

Description

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

108

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.

Source Code: KU823C5E085 KU823C5.

33C5E085 KUB23C5E085 KUB25C5E085 KUB25C5E0 LUB23C5E085 KUB23C5E085 KUB23C5E085 KNB23C5E085 KNB23C5E085 KNW KU823C5E085 KU825C5E085 KU825C -085 KUB23C5E085 KUB23C5E085 KUB23C5E THEF-ae?

```
def gcd(a, b):
    while b:
        a, b = b, a % b
        return a

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

# Example usage
if __name__ == "__main__":
        a, b = map(int, input().split())
    gcd_result = gcd(a, b)

lcm_result = lcm(a, b)

print(gcd_result)
    print(gcd_result)

print(lcm_result)

RESULT

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