MPB

KEE.

C TEMP Brech. EEE, 16 TEMP



PBE

DETAILS

MOHAMMED UMAR FAROOQ K

Roll Number 🗶 🖯

TEMPBTech-EEE116

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:

36

Explanation:

The GCD of 12 and 18 is 6. The LCM of 12 and 18 is 36. The terms of the partie of the TEMP BT ECH, EEE, NO TEMP BTE CH, EEE, NO TEMP BTE TEMP8 Tech. EEE, 16 TEMP8 Tech. EEE, 16 TEMP8 Tech. TEMP BT ech. EEE 176 TEMP BT e

TEMP BTech EEE 10 TEN TEMP BTech. EEE 10 TEMP 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 %
```