

DETAILS

G SIDDESHWAR

Roll Number

TEMPBTech-ECE011

EXPERIMENT

Title

SIGNATURE FOR LCM

Description

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

ECEO

CFO

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. TEMP BTOCK, ECEO 1 TEMP BTOCK, E

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Source Code: TEMP Blech ECEO 1 TEMP Blec. ECEO TEMPOTOCHTE

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STUDENT REPORT

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def gcd(a, b):

while b:

a, b = b, a % b
return a

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

a,b = map(int, input().strip().split())

gcd_value = gcd(a, b)
lcm_value = lcm(a, b)

print(gcd_value)
print(lcm_value)

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