

LCM and HCF

40 POINTS

Given two non-negative integers A and B find the LCM and HCF of A and B.

Input format:

A single line of input containing the value of A and B

Output format:

LCM(A,B) HCF(A,B)

Constraints:

(i) $1 \leq A,B \leq 10^5$

Test Case - 1

3 4

12 1

Test Case - 2

12 6

12 6

NOTE:

(i) HCF := Highest Common Factor

(ii) LCM := Lowest Common Factor

Problem tags:

THE COMPLETE C COURSE EASY