

Compile Result

Enter two integers

25

35

Greatest common divisor of 25 and 35
= 5

Least common multiple of 25 and 35 =
175

[Process completed - press Enter]

Algorithm

Step 1: Start

Step 2: Declare variables a, b, x, y, t, gcd, lcm

Step 3: Enter the Integers

Step 4: Initialize $a = x$
 $b = y$

Step 5: Check condition $while(b \neq 0)$
 $\{$ $t = b;$
 $b = a \% b;$
 $a = t;$
 $\}$

Step 6: $gcd = a;$
 $lcm = (x * y) / gcd$

Step 7: Print the result

Step 8: Stop.

