

GAYATHRI

4AL19CS035

Algorithm

Step 1: Start

Step 2: Display Enter two numbers
Input a, b

Step 3: if $(a > b)$

num = a

deno = b

else

num = b

deno = a

Step 4: rem = num % deno

Step 5: while (rem \neq 0)

num = deno

deno = rem

rem = num % deno

Step 6: gcd = deno

Step 7: lcm = $(a * b) / \text{gcd}$

Step 8: Display Gcd of a & $b = \text{gcd}$
output a, b, gcd

Step 9: Display lcm of a & $b = \text{lcm}$
output a, b, lcm

Step 10: Stop

Flowchart

