C - Programming

Assignment

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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 != 0)

num = deno

deno = rem

rem = num % deno

Step 6: gcd = deno

Step 7: Lcm = (a * b) / gcd

Step 8: Display GCD of %d & %d = %d output a, b, gcd.

Step 9: Display Lcm of %d & %d = %d output a, b, Lcm

Step 10: Stop

Flow chart :