

C program to implement GCD and LCM using recursion

Algorithm:

Step 1: Start

Step 2: Declare `int gcd (int x, int y)`

Step 3: Declare `int num1, num2, hcf, lcm`

Step 4: Read `num1` values

Step 5: `hcf = gcd (num1, num2)`
`printf gcd, LCM`

Step 6: `int gcd (int x, int y)`

6.1 `If (y == 0)`
 `{`
 `return x`
 `}`

6.2. `else`
 `return gcd (y, x % y)`

Step 7: Stop.

Flowchart:

