

Implement GCD and LCM using recursion

Algorithm

Step 1:- Start

Step 2:- Input num1, num2

Step 3:- $hcf = gcd(num1, num2)$

Step 4:- $lcm = (num1 * num2) / hcf$

Step 5:- output GCD

Step 6:- output LCM

Step 7:- stop

integer gcd(int x, int y)

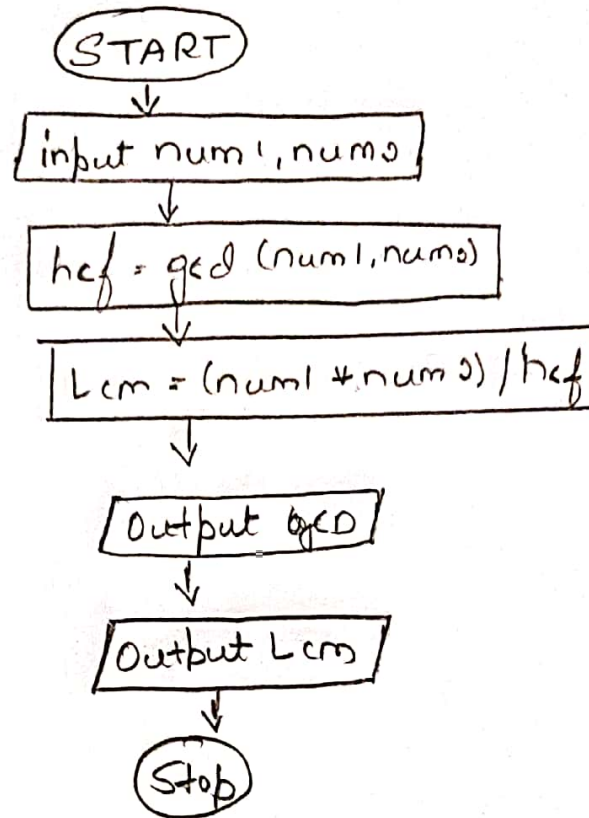
Step 1:- Entry

Step 2:- if ($y = 0$)
return x
else

return $gcd(y, x \% y)$

Step 3:- End

Flowchart



int gcd(int x, int y)

