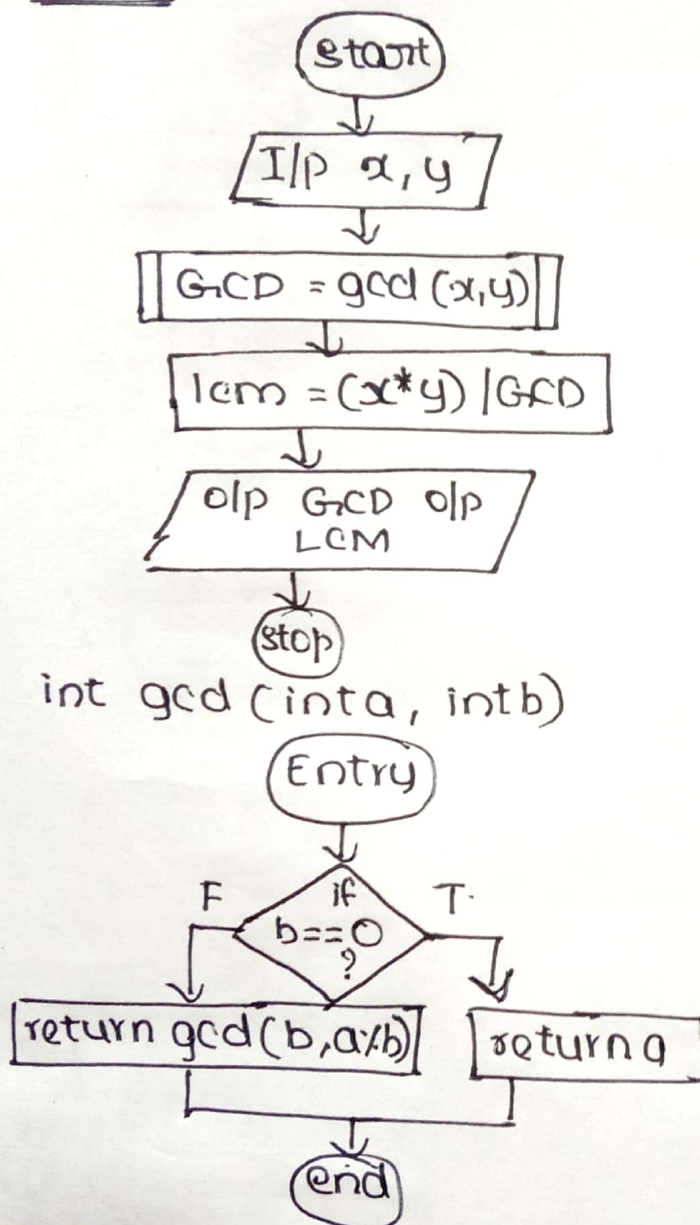


4AL19ISO42

Write a C program to implement GCD & LCM of integers using recursion

Flowchart



step1 : start

step2 : I/p  $x, y$

step3 :  $GCD = gcd(x, y)$

step4 :  $LCM = (x * y) / GCD$

step5 : print "GCD of  
           $x$  &  $y$  is"

step6 : print "LCM of  
           $x$  &  $y$  is"

step7 : stop.

int gcd (int a, int b)

step1 : Entry

step2 : if ( $b == 0$ )  
          return a

else  
          return gcd ( $b, a \% b$ )

step3 : End