Algorithm

step1: start

step2: Input num1, num2

step3: hcf = gcd (num1, num2)

step4: lcm = (num1 * num2) / hcf

step 5: output GCD

step 6: output LCM

step 7: stop

Int gcd (int x, int y)

Step 1: Entry

Step 2: if (y == 0)

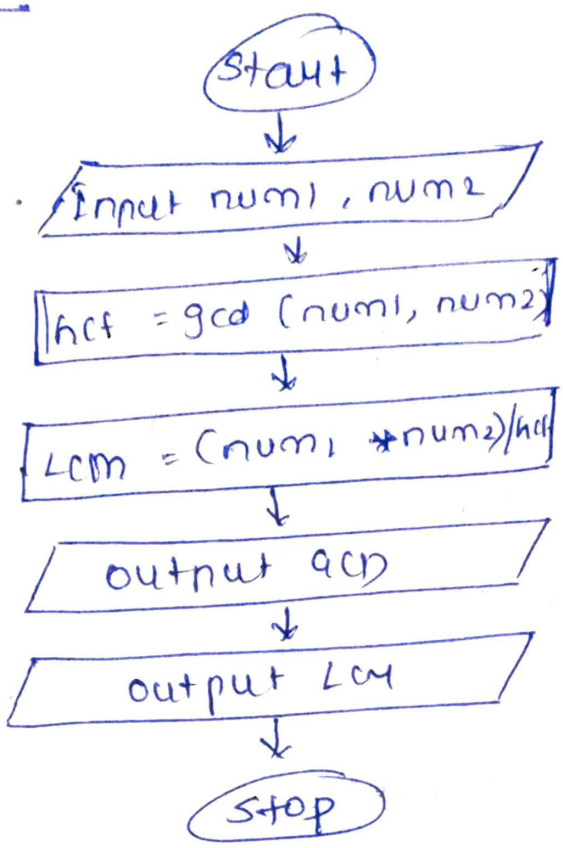
return x

else

return gcd (y, x % y)

Step 3: End.

flowchart



Int gcd (int x, int y)