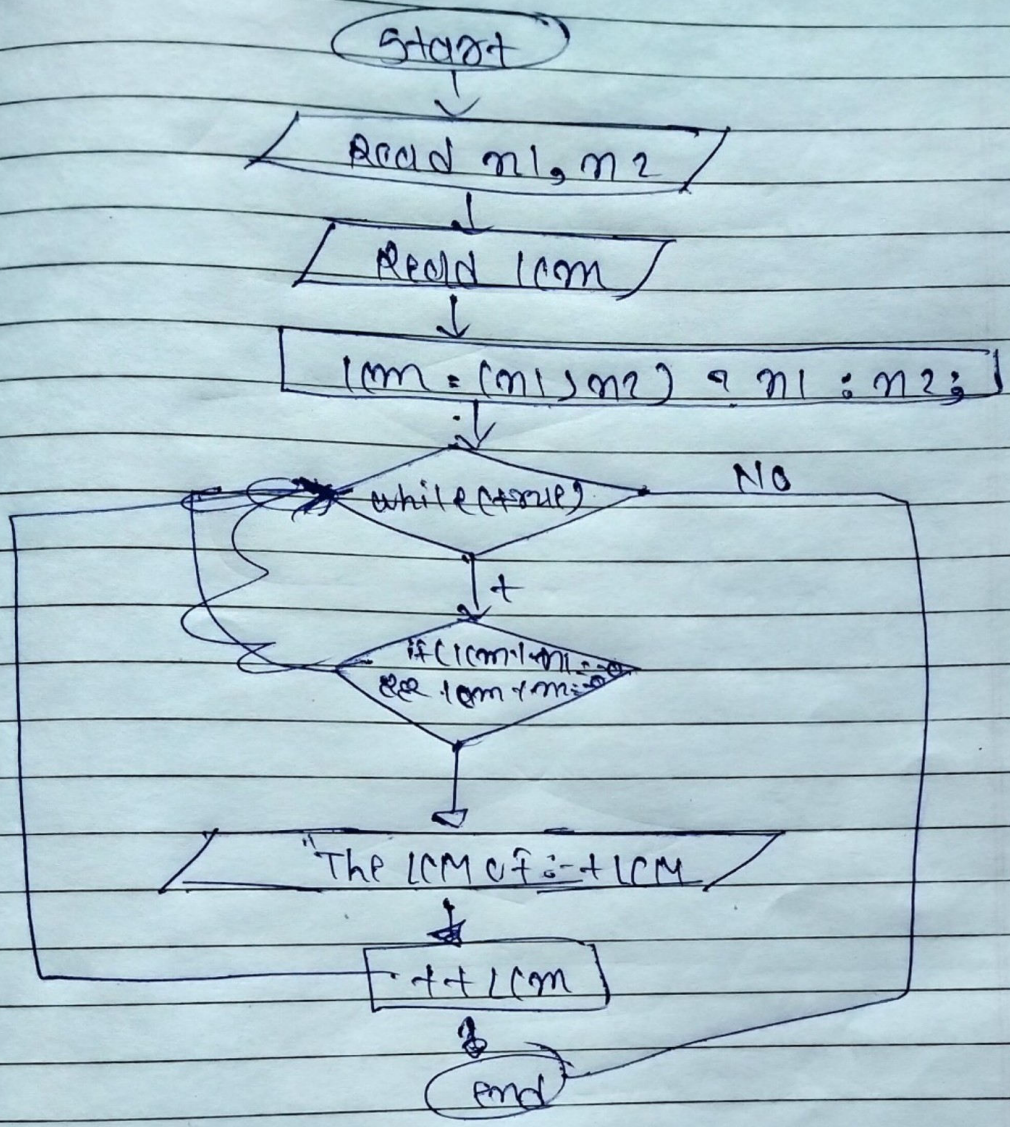
3. Write an algorithm, draw a flowchart and write a program to Find LCM of Two Numbers Using While Loop

```
/*
 */
import java.util.*;

public class CWS_LCM {

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter Your First Number");
        int n1 = sc.nextInt();
        System.out.println("Enter Your Second Number");
        int n2 = sc.nextInt();

        int lcm;

        lcm = (n1 > n2) ? n1 : n2;

        while (true) {
            if (lcm % n1 == 0 && lcm % n2 == 0) {
                System.out.println("The LCM of:-" +lcm);
                break;
            }
            ++lcm;
        }
    }

}
```



→ Step-1 :- Start
Step-2 :- Read n1, n2, lcm
Step-3 :- Process lcm. n1 > n2 ? n1 : n2 ; For and lcm maximum number.
Step-4 :- Start while loop. while loop true to process if (lcm % n1 == 0 && lcm % n2 == 0)
Step-5 :- and after print lcm.
Step-6 :- and last to increment the LCM
Step-7 :- while is Repeat to stop the loop..
Step-8 :- End.