

15. Write a java program to LCM of two given numbers

Algorithm: 1. Start

2. Read input a & b

3. Initialize $LCM=1$ & $hcf=1$

4. Use for loop with $i=1; i \leq a \& \& i \leq b; i++$

5. If $(a \% i = 0 \& \& b \% i = 0)$ true then $hcf=i$

6. Then from hcf find LCM with formula

$$LCM = a * b / hcf$$

7. Print LCM

8. Stop

Flowchart:

