

C program to find HCF and LCM of two numbers

→ Algorithm

1. Start
2. Input  $x, y$ .
3.  $a = x;$
4.  $b = y;$
5. while ( $b \neq 0$ )  
{  
     $t = b;$   
     $b = a \% b;$   
     $a = t;$   
}  
6.  $hcf = a;$
7.  $lcm = (x * y) / hcf;$
8. Output  $hcf, lcm$
9. Stop.

## Flowchart

