

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:

