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G-section

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! = 0)
   {
       t = b;
       b = a % b;
       a = t;
   }

⑥ hcf = a;

⑦ lcm = (x * y) / hcf

⑧ output hcf, lcm

⑨ Stop

Flowchart

Start

read x, y

a = x
b = y

while (b != 0) — False →

True

$t = b$
$b = a \% b$
$a = t$

$hcf = a$
$lcm = (x * y) / hcf$

Output, hcf, lcm

Stop