

Exercise 5-3: Recursive call version of the least common multiple lcm2.c

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- Create a program lcm2.c that finds the least common multiple by rewriting the function gcd that finds the greatest common divisor in the previous exercise 5-2 using the recursive call of the function.
- Name the function rgcd()

Greatest_commen_divisor = rgcd(a,b)

- ① Let two integers a and b ($a > b$), and let r be the remainder of dividing a by b.
- ② If r is 0, then b is the greatest common divisor
- ③ If r is not 0, return to ① with $a = b$ and $b = r$
 - ➡ Call rgcd () again with $a \leftarrow b$ and $b \leftarrow r$
 - Greatest_commen_divisor = rgcd(b,r)