

```
unsigned int    lcm(unsigned int a, unsigned int b)
{
    int    gcd;
    int    org_a;
    int    org_b;

    gcd = 0;
    org_a = a;
    org_b = b;
    while (1)
    {
        if (a == 0)
            break;
        b %=a;
        if (b == 0)
            break;
        a %= b;
    }
    gcd = (!b) ? a : b;
    return (gcd ? (org_a / gcd * org_b) : 0);
}
```