

```
1  #include <stdio.h>
2
3  int main(void) {
4      int n1, n2, i, gcd, lcm;
5
6      printf("Enter two positive integers: "
7  );
8      scanf("%d %d", &n1, &n2);
9
10     for (i = 1; i <= n1 && i <= n2; ++i) {
11         if (n1 % i == 0 && n2 % i == 0) {
12             gcd = i;
13         }
14     }
15
16     lcm = (n1 * n2) / gcd;
17
18     printf("GCD of %d and %d is %d\n",
19     , n1, n2, gcd);
20     printf("LCM of %d and %d is %d\n",
21     , n1, n2, lcm);
22
23     return 0;
24 }
```