

**Write a program in C to find the LCM of two numbers using recursion**

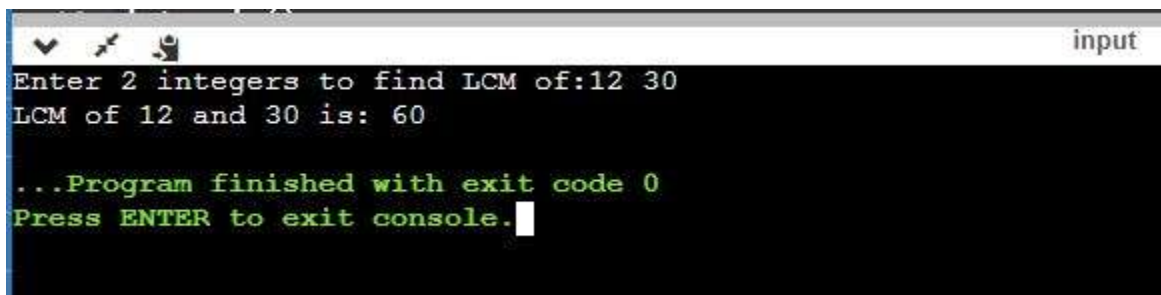
The input and output for your program should look similar to this

**Input** Input first number: 12 Input second number: 30 **Output** LCM of 12 and 30 = 60

**PROGRAM:**

```
8  #include<stdio.h>
9  int find_lcm(int, int);
10 int main()
11 {
12     int a, b, lcm;
13     printf("Enter 2 integers to find LCM of:");
14     scanf("%d%d", &a, &b);
15     lcm = find_lcm(a,b);
16     printf("LCM of %d and %d is: %d", a, b, lcm);
17     return 0;
18 }
19
20 int find_lcm(int a, int b)
21 {
22     static int temp = 1;
23     if(temp%a == 0 && temp%b == 0)
24     {
25         return temp;
26     }
27     else
28     {
29         temp++;
30         find_lcm(a,b);
31         return temp;
32     }
33 }
```

**OUTPUT:**



The screenshot shows a terminal window with a title bar containing icons for window control and a tab labeled 'input'. The terminal output is as follows:

```
Enter 2 integers to find LCM of:12 30
LCM of 12 and 30 is: 60

...Program finished with exit code 0
Press ENTER to exit console.
```