```c
#include <stdio.h>
#include <stdlib.h>

int main(int argc, char *argv[])
{
  int a;
  int b;
  int c;
  int d;
  printf("======  LCM (Least Common Multiple) 最小公倍數=======\n ");
  printf("Please enter the first integer: ");
  scanf("%d", &a);
  printf("Please enter the second integer: ");
  scanf("%d", &b);
  c=lcm1(a,b);
  d=lcm2(a,b);
  printf("LCM 1 is %d\n",c);
  printf("LCM 2 is %d\n",d);
  system("PAUSE");
  return 0;
}

int lcm1(int a,int b)
  {
    int n;
    for(n=1;;n++)
    {
    if(n%a == 0 && n%b == 0)
      return n;
    }
  }

int lcm2(int c,int d)
    {
    return (c*d)/gcd(c,d);
}

int gcd(int m, int n)
{
    int remainder;

    while (n != 0)
    {
        remainder = m % n;      // m mod n
        if (remainder == 0)
            return n;
        m = n;
        n = remainder;
    }
}
```