//*lcm*//

```c
#include<stdio.h>
int main()
{
        int a,b,a1,b1,lcm;
        printf("enter the value of a and b\n");
        scanf("%d%d",&a,&b);
        a1=a;
        b1=b;
        while(a!=b)
        {
                if(a>b)
                 a=a-b;
                else
                 b=b-a;
        }
        printf("the gcd is %d",a);
        lcm=(a1*b1)/a;
        printf("the lcm is:%d",lcm);
        return 0;
}
```

```
enter the value of a and b
10
20
the gcd is 10the lcm is:20
--------------------------------
Process exited after 4.96 seconds with return value 0
Press any key to continue . . .
```