

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

```
// Function to calculate the GCD (Greatest Common Divisor)
```

```
int gcd(int a, int b) {
```

```
    while (b != 0) {
```

```
        int temp = b;
```

```
        b = a % b;
```

```
        a = temp;
```

```
    }
```

```
    return a;
```

```
}
```

```
// Function to calculate the LCM (Least Common Multiple)
```

```
int lcm(int a, int b) {
```

```
    return (a * b) / gcd(a, b);
```

```
}
```

```
int main() {
```

```
    int num1, num2;
```

```
    printf("Enter two numbers: ");
```

```
    scanf("%d %d", &num1, &num2);
```

```
    printf("LCM of %d and %d is %d\n", num1, num2, lcm(num1, num2));
```

```
    return 0;
```

```
}
```