

main.c

```
1  #include <stdio.h>
2  #include <time.h>
3  int gcd(int n1, int n2)
4  {
5      if (n2 != 0)
6          return gcd(n2, n1%n2);
7      else
8          return n1;
9  }
10 int main() {
11     int n1, n2;
12     float start, end;
13     printf("Enter two positive integers : \n");
14     scanf("%d%d", &n1, &n2);
15     start = clock();
16     int gcd1=gcd(n1, n2);
17     end = clock();
18     printf("G.C.D of %d and %d is %d.", n1, n2, gcd1);
19     float ti = ((double)(end - start)/CLOCKS_PER_SEC);
20     printf("\nTime taken: %f", ti);
21     int lcm;
22     lcm=(n1*n2)/gcd1;
23     printf("\nL.C.M of %d and %d is %d.", n1, n2, lcm);
24     return 0;
25 }
```







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Algorithms | Sorting | Question x +



Reading L



+ Invite



Console

Shell

```
> clang-7 -pthread -lm -o main main.c
```

```
> ./main
```

```
Enter two positive integers :
```

```
4
```

```
6
```

```
G.C.D of 4 and 6 is 2.
```

```
Time taken: 0.000002
```

```
L.C.M of 4 and 6 is 12.>
```



Show all

