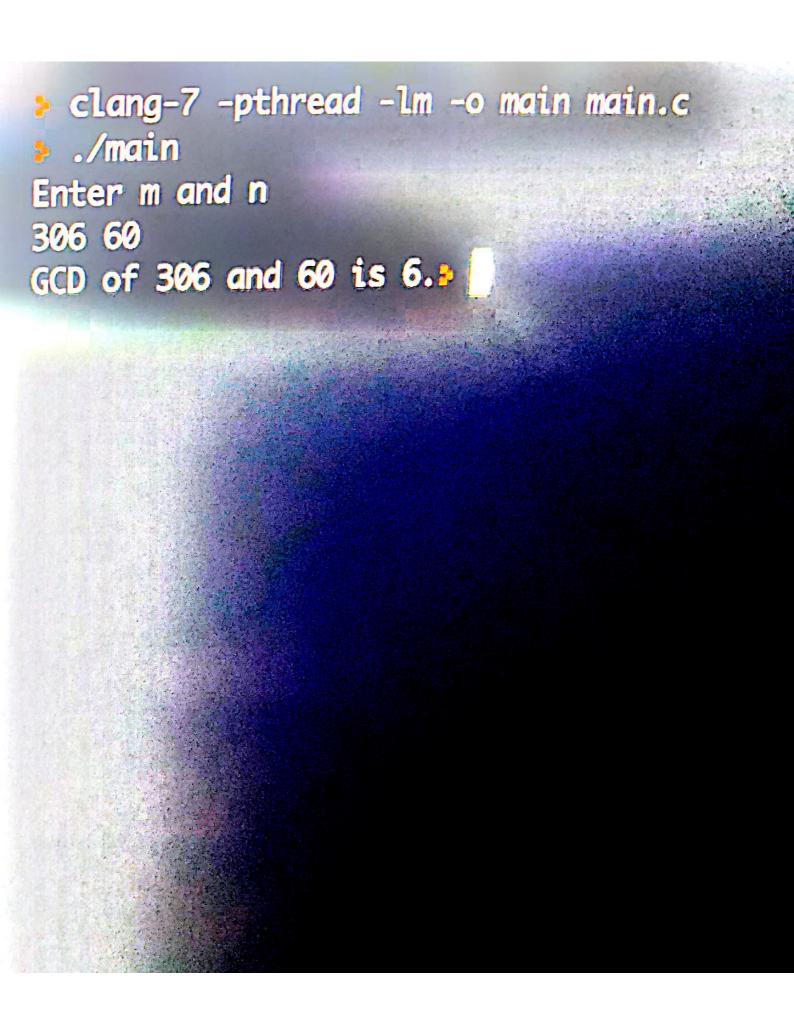
```
main.c
 1
     #include <stdio.h>
 2
      int gcd(int m, int n)
 3
          if(n==0) return m;
 4
          if(m<n) return gcd(n,m);</pre>
 5
          return gcd(n,m%n);
 6
 7
      int main()
 8
      {
 9
10
          int m,n,res;
          printf("Enter m and n\n"
11
12
          scanf("%d%d",&m,&n);
13
          res=gcd(m,n);
          printf("GCD of %d and %d is %d.",m,n,res);
14
15
16
```



```
#include <stdio.h>
1
     int gcd(int m, int n)
2
3
     {
          int r;
4
          do{
5
 6
            r=m%n;
 7
            m=n;
 8
            n=r;
 9
            return r;
10
           } while(n!=0);
 11
 12
      int main()
 13
 14
           int m,n,res;
  15
           printf("Enter m and n\n");
  16
           scanf("%d%d",&m,&n);
  17
            res=gcd(m,n);
  18
            printf("The GCD is %d", res);
  19
   20
```

- clang-7 -pthread -lm -o main main.e
  ./main
- Enter m and n 123 45 The GCD is 33