```
ajwhitney@ajwhitney-laptop:~/wpi/b19/github/CS2223/hw2$ ./p3 50
0: 2
time: 0.000149

1: 1
time: 0.000281

2: 3
time: 0.00034

3: 4
time: 0.00038

4: 7
time: 0.000393

5: 11
time: 0.000409

6: 18
time: 0.000426

7: 29
time: 0.00044

8: 47
time: 0.000456

9: 76
time: 0.00047

10: 123
time: 0.000485

11: 199
time: 0.000501

12: 322
time: 0.000519

13: 521
time: 0.000539
```

14: 843
time: 0.00056

15: 1364
time: 0.000585

16: 2207
time: 0.000616

17: 3571
time: 0.000659

18: 5778
time: 0.000725

19: 9349
time: 0.000808

20: 15127
time: 0.000934

21: 24476
time: 0.001128

22: 39603
time: 0.001435

23: 64079
time: 0.001922

24: 103682
time: 0.002683

25: 167761
time: 0.003856

26: 271443
time: 0.005691

27: 439204
time: 0.008495

28: 710647

time: 0.012595

29: 1149851
time: 0.018858

30: 1860498
time: 0.028634

31: 3010349
time: 0.042975

32: 4870847
time: 0.06209

33: 7881196
time: 0.09146

34: 12752043
time: 0.134007

35: 20633239
time: 0.200277

36: 33385282
time: 0.307416

37: 54018521
time: 0.4808

38: 87403803
time: 0.761371

39: 141422324
time: 1.21537

40: 228826127
time: 1.94989

41: 370248451
time: 3.13791

42: 599074578
time: 5.06144

43: 969323029
time: 8.17341

44: 1568397607
time: 13.2613

45: 2537720636
time: 21.7881

46: 4106118243
time: 35.7892

47: 6643838879
time: 59.6635

48: 10749957122
time: 99.988

49: -1921017949
time: 99.988