

```
1 //
2 // Created by hfwei on 2023/11/9.
3 //
4
5 #include <stdio.h>
6
7 // Fib(92) = 7 540 113 804 746 346 429
8 // long long: 9 223 372 036 854 775 807
9 // Fib(93) = 12 200 160 415 121 876 738
10 int main() {
11     int n;
12     scanf("%d", &n);
13
14     long long fib0 = 0;
15     long long fib1 = 1;
16
17     long long fib2 = 0;
18     for (int i = 2; i <= n; i++) {
19         fib2 = fib0 + fib1;
20
21         fib0 = fib1;
22         fib1 = fib2;
23     }
24
25     printf("Fib(%d) = %lld ", n, fib2);
26
27     return 0;
28 }
```