Fibonacci

● Graded

Student

SRUTHI SUBRAMANIAN

Total Points

80 / 80 pts

Autograder Score

80.0 / 80.0

Passed Tests

Test 1 (20/20)

Test 2 (20/20)

Autograder Results

Test 1 (20/20)

Test 2 (20/20)

Submitted Files

▾ **fib.c**   ⬇ Download

```c
1   #include <stdio.h>
2
3   int main() {
4       // Write C code here
5       int n;
6       scanf("%d",&n);
7       unsigned long long int a,b,c;
8       a=1;
9       b=1;
10      c=1;
11      int i;
12      for(i=3;i<n+1;i++){
13          //let c be the ith fibonacci number
14          //b will be the (i-1)th, and c the (i-2)th
15          c=a+b;
16          a=b;
17          b=c;
18      }
19      printf("%llu",c);
20
21      return 0;
22  }
```