

 ninjassolutions.s3.amazonaws.com/0000000000000156.h

```
#include <iostream>
using namespace std;

int fib(int n) {
    if (n == 0) {
        return 0;
    }

    if (n == 1) {
        return 1;
    }

    int smallOutput1 = fib(n - 1);
    int smallOutput2 = fib(n - 2);
    return smallOutput1 + smallOutput2;
}

int main() {
    cout << fib(3) << endl;
}
```