#include <iostream>

#include<Windows.h>

#include <conio.h>

#include <ctime>

using namespace std;

unsigned long long int fib(long long int n) {

if (n == 0) {

return 0;

}

if (n == 1 or n == 2) {

return 1;

}

else {

return fib(n - 1) + fib(n - 2);

}

}

void saytime(double& duration) {

int min = (int)duration / 60;

int sec = (int)duration - (min \* 60);

cout << "Расчетное время" << ' ';

if (min < 10) {

cout << 0 << min << " минут" << ' ';

}

else {

cout << min << " минут" << ' ';

}

if (sec < 10) {

cout << 0 << sec << " секунд\n";

}

else {

cout << sec << " секунд\n";

}

}

int main()

{

SetConsoleCP(1251);

SetConsoleOutputCP(1251);

unsigned long long int n;

cin >> n;

unsigned long long int a = 1, b = 1, c = 0;

clock\_t start = clock();

if (n == 0) {

cout << 0 << '\n';

}

else if (n == 1 or n == 2) {

cout << a << '\n';

}

else {

for (int i = 2; i < n; i++) {

c = a + b;

a = b;

b = c;

}

cout << c << '\n';

}

clock\_t end = clock();

double duration = (float)(end - start) / CLOCKS\_PER\_SEC;

printf("%.5f \n", duration);

saytime(duration);

start = clock();

c = fib(n);

cout << c << '\n';

end = clock();

duration = (float)(end - start) / CLOCKS\_PER\_SEC;

printf("%.5f \n", duration);

saytime(duration);

}