#include"stdafx.h"

#include <iostream>

#include <math.h>

using namespace std;

int main() {

int year;

cout << "请输入年数：";

cin >> year;

int summ = 2;

int sumx = 0;

int p;

int q;

int x;

int chengzhang[3] = { 2,0,0 };

for (int i = 1; i <= year; i++) {

x = chengzhang[0];

p = chengzhang[1];

chengzhang[1] = x;

q = chengzhang[2];

chengzhang[2] = p;

sumx = sumx + q;

chengzhang[0] = sumx;

summ = sumx;

}

int sum = sumx+chengzhang[0]+ chengzhang[1]+ chengzhang[2];

cout << sum << endl;

system("PAUSE");

return 0;

}

#include"stdafx.h"

#include <iostream>

#include <math.h>

using namespace std;

int main() {

float long1 = 100;

float sum = 0;

for (int i = 1; i <= 1; i++) {

sum = sum + long1;

long1 = long1 / 2;

sum = sum + long1;

}

cout << "一共经过：" << sum << "米" << endl;

cout << "第十次反弹：" << long1 << "米" << endl;

system("PAUSE");

return 0;

}