#include<iostream>

using namespace std;

int a = 0; int b = 1;

int c = 1;

void abc(int o)

{

if (o >= c)

{

cout << a << endl;

a = a + b;

cout << b << endl;

b = a + b;

c++;

abc(o);

}

}

///////////////////////////////////////

void main()

{

int l; //local variables

cout << "Enter length" << endl;

cin >> l;

abc(l);

system("pause");

}