#include <iostream>

using namespace std;

class SumOfNumbers {

private:

int sum;

public:

SumOfNumbers() {

sum = 0;

}

void calculateSum(int n) {

sum = (n \* (n + 1)) / 2;

}

void displaySum() {

cout << "The sum of the first " << sum << " natural numbers is: " << sum << endl;

}

};

int main() {

int n;

cout << "Enter the value of n: ";

cin >> n;

SumOfNumbers obj;

obj.calculateSum(n);

obj.displaySum();

return 0;

}