//Sums the numbers from 1 to an entered number
#include <iostream>
using namespace std;

int main() {
    int i, n, sum;
    cout << "Enter a number\n";
    cin >> n;
    sum = 0;
    for (i=1; i<=n; i++)
    {
        sum = sum + i;
    }
    cout << "The sum of numbers to " << n;
    cout << " is " << sum << "\n";
    return 0;
}