**Day 13 coding Statement:**  **Write a program to find Sum of N natural numbers**

Description

Get the input from the user for the value of n and then find the sum of first n natural numbers.

e.g. let the n value = 5

then first 5 natural numbers are 1,2,3,4,5 for which we need to find the sum

Therefore sum of first 5 natural numbers is 1+2+3+4+5 = 15

Input

4

Output

10

import java.util.Scanner;

public class RatanPrajapati\_day13 {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        int num = sc.nextInt();

        int sum = 0;

        while (num > 0) {

            sum += num;

            num--;

        }

        System.out.println(sum);

    }

}