

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);
    }
}
```