

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 Program {

    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        int num=sc.nextInt();
        int sum=0;
        for(int i=1;i<=num;i++) {
            sum+=i;
        }
        System.out.println(sum);
    }
}
```