**Sum of Series**

[array](http://practice.geeksforgeeks.org/tag-page.php?tag=array&isCmp=0)[maths](http://practice.geeksforgeeks.org/tag-page.php?tag=maths&isCmp=0)

Write a program to find the sum of the given series 1+2+3+ . . . . . .(N terms)

**Input:**  
First line contains an integer, the number of test cases 'T' Each test case should contain a positive integer N.

**Output:**  
Print the sum in a seperate line.

**Constraints:**  
1<=T<=30  
1<=N<=100

**Example:**  
Input:  
1  
1

Output:  
1

\*\*For More Examples Use Expected Output\*\*

<http://practice.geeksforgeeks.org/problem-page.php?level=-1&pid=231>

#include <iostream>

#include <stdio.h>

using namespace std;

int main() {

   int t;

   scanf("%d", &t);

   while(t--) {

        int N;

        scanf("%d",&N);

        int sum = 0;

        for(int i = 1; i <= N; i++) {

           sum += i;

        }

        printf("%d**\n**", sum);

  }

 return 0;

}