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| **N Boy and Sum**    Problem code: NBSUM | * [SUBMIT](https://www.codechef.com/submit/NBSUM) * [MY SUBMISSIONS](https://www.codechef.com/status/NBSUM,nacho0monllor) * [ALL SUBMISSIONS](https://www.codechef.com/status/NBSUM) |

**All submissions for this problem are available.**

**For Turbo C++ Users : Read the following document before attempting the question :**[**Switching from Turbo to GNU**](http://foobar.iiitd.edu.in/turbo.pdf)

**Problem Description**

First question is easy to set you up with the online judge. You are given a number 'N'. You need to find the sum of first N terms of the series: 1 - 2 + 3 - 4 + 5 - 6 ...

**Input**

First line contains T, the number of test cases. Each test case contains the number N on a new line,which denotes the number of events

**Output**

For each test case, print the total number of registrations on a new line for every test case.

**Constraints**

Subtask 1 (30 points):

* **1** ≤ **T** ≤ **105**
* **1** ≤ **N** ≤ **100**

Subtask 2 (70 points):

* **1** ≤ **T** ≤ **105**
* **1** ≤ **N** ≤ **105**

**Example**

**Input:**

3

3

1

2

**Output:**

2

1

-1

<https://www.codechef.com/problems/NBSUM>

#include <iostream>

#include <stdio.h>

#define ll long long int

using namespace std;

int main() {

  int t;

  scanf("%d", &t);

    while (t--) {

        ll n;

        scanf("%lld", &n);

        ll sum = 0;

        for (ll i = 1; i <= n; i++){

            if (i % 2 == 0){

                sum -= i;

            }

            else{

                sum += i;

            }

        }

        printf("%lld**\n**", sum);

    }

  //system("pause");

 return 0;

}