**Squares in N\*N Chessboard**

Submissions: [4822](https://practice.geeksforgeeks.org/problem_submissions.php?pid=149)  Accuracy:

67.93%

   Difficulty: [Easy](https://practice.geeksforgeeks.org/Easy/0/0/)   Marks: 2

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Find total number of Squares in a **N\*N** cheesboard.

**Input:**  
The first line contains an integer **T**, depicting total number of test cases. Then following T lines contains an integer N that is the side of the chessboard.

**Output:**  
Each seperate line showing the maximum number of squares possible.

**Constraints:**  
1 ≤ T ≤ 100  
1 ≤ N ≤ 100

**Example:**  
**Input:**  
2  
1  
2

**Output:**  
1  
5

\*\* For More Input/Output Examples Use ['Expected Output'](https://practice.geeksforgeeks.org/problems/squares-in-nn-chessboard/0#ExpectOP) option \*\*

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<https://practice.geeksforgeeks.org/problems/squares-in-nn-chessboard/0>

#include<iostream>

using namespace std;

int main()

{

//code

int t;

scanf("%d", &t);

while(t--) {

int n;

scanf("%d", &n);

int sum = 0;

for(int i = 1; i<=n; i++) {

sum += (i\*i);

}

cout << sum << endl;

}

return 0;

}