**LINK:**

[**https://app.codility.com/demo/results/training2U75NK-ZNE/**](https://app.codility.com/demo/results/training2U75NK-ZNE/)

**CODE:**

// you can use includes, for example:

// #include <algorithm>

// you can write to stdout for debugging purposes, e.g.

// cout << "this is a debug message" << endl;

int solution(vector<int> &A) {

// Implement your solution here

int N = A.size() + 1;

int exsum = (N\*(N+1))/2;

int acsum=0;

for(auto num : A){

acsum += num;

}

return exsum - acsum;

}