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LIVE  
What others are solving.

LIST  
List all your submissions.

TRIED  
Problems not solved yet.

FAQS  
Need help using the tool?

ANSWERS  
What does this mean?

# SOURCE CODE

EDIT & SUBMIT

VISUALIZE THE SOURCE CODE OF YOUR SUBMISSION, PLUS SOME EXTRA DETAILS.

## SUBMISSION # 25459886

PROBLEM: 2792 - Golnaldinho  
ANSWER: Accepted  
LANGUAGE: C++ (g++ 4.8.5, -std=c++11 -O2 -lm) [+0s]  
RUNTIME: 1.982s  
FILE SIZE: 632 Bytes  
MEMORY: -  
SUBMISSION: 11/28/21, 8:24:09 AM

## SOURCE CODE

```
1 #include <bits/stdc++.h>
2 #define INF 999999
3 using namespace std;
4
5 int auxF(int a, vector<int>& vec){
6     int sum = 0;
7     while(a > 0){
8         sum += vec[a];
9         a -= (a & (-a));
10    }
11    return sum;
12 }
13
14 void actualizar(int a, int v,vector<int>& vec ){
15     while(a < INF){
16         vec[a] += v;
17         a += (a & (-a));
18    }
19 }
20
```

## FORUM

Get help to solve problems.

```
23     int n;  
24     cin>>n;  
25     vector<int> vec(INF,0);  
26     int aux;  
27     int res;  
28     for(int i = 1; i <= n; i++){  
29         cin>>aux;  
30         res = aux-auxF(aux,vec);  
31         cout<<res<< (i == n ? "\n" : " ");  
32         actualizar(aux, 1, vec);  
33     }  
34  
35     return 0;  
36 }  
37
```