Problem Link:

<https://codeforces.com/problemset/problem/466/C>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** n;
* cin >> n;
* **vector**<**long** **long**> v(n);
* **for**(**int** i = 0; i < n; ++i)
* cin >> v[i];
* **long** **long** s = accumulate(v.begin(), v.end(), 0LL);
* **if**(s % 3 != 0)
* {
* cout << 0 << **"\n"**;
* **return** 0;
* }
* **long** **long** p = s / 3, ps = 0, c = 0, w = 0;
* **for**(**int** i = 0; i < n - 1; ++i)
* {
* ps += v[i];
* **if**(ps == 2 \* p)
* w += c;
* **if**(ps == p)
* c++;
* }
* cout << w << **"\n"**;
* }