Problem Link:

<https://codeforces.com/problemset/problem/2060/A>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** fibo\_count(**int** a1, **int** a2, **int** a3, **int** a4, **int** a5) {
* **int** c = 0;
* **if**(a3 == a1 + a2)
* c++;
* **if**(a4 == a2 + a3)
* c++;
* **if**(a5 == a3 + a4)
* c++;
* **return** c;
* }
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** a1, a2, a4, a5;
* cin >> a1 >> a2 >> a4 >> a5;
* **int** x1 = a1 + a2;
* **int** x2 = a4 - a2;
* **int** x3 = a5 - a4;
* **int** ans = 0;
* ans = max(ans, fibo\_count(a1, a2, x1, a4, a5));
* ans = max(ans, fibo\_count(a1, a2, x2, a4, a5));
* ans = max(ans, fibo\_count(a1, a2, x3, a4, a5));
* cout << ans << **"\n"**;
* }
* **return** 0;
* }