Problem Link:

<https://codeforces.com/problemset/problem/1560/B>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** a, b, c;
* cin >> a >> b >> c;
* **int** dist = abs(a - b);
* **int** n = dist \* 2;
* **if**(max({a, b, c}) > n)
* {
* cout << **"-1\n"**;
* **continue**;
* }
* **int** d = c + dist;
* **if**(d > n)
* d -= n;
* cout << d << **"\n"**;
* }
* **return** 0;
* }