Problem Link:

<https://codeforces.com/problemset/problem/2121/A>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** n, s;
* cin >> n >> s;
* **vector<int>** v(n);
* **for**(**int** i = 0; i < n; ++i)
* {
* cin >> v[i];
* }
* **int** l = abs(s - v[0]) + (v.back() - v[0]);
* **int** r = abs(s - v.back()) + (v.back() - v[0]);
* cout << min(l, r) << **"\n"**;
* }
* **return** 0;
* }