#include <iostream>

#include <string>

int main() {

int test\_case, n;

int i, j, l, m, k, count = 0, sum = 0;

std::cin >> test\_case;

for (i = 0; i < test\_case; i++) {

std::cin >> n;

int arr[n];

for (j = 0; j < n; j++) {

std::cin >> arr[j];

}

for (l = 0; l < n; l++) {

for (m = l + 1; m < n; m++) {

sum = arr[l] + arr[m];

for (k = 0; k < n; k++) {

if (sum == arr[k]) {

count = count + 1;

}

}

sum = 0;

}

}

if (count == 0) {

std::cout << -1 << "\n";

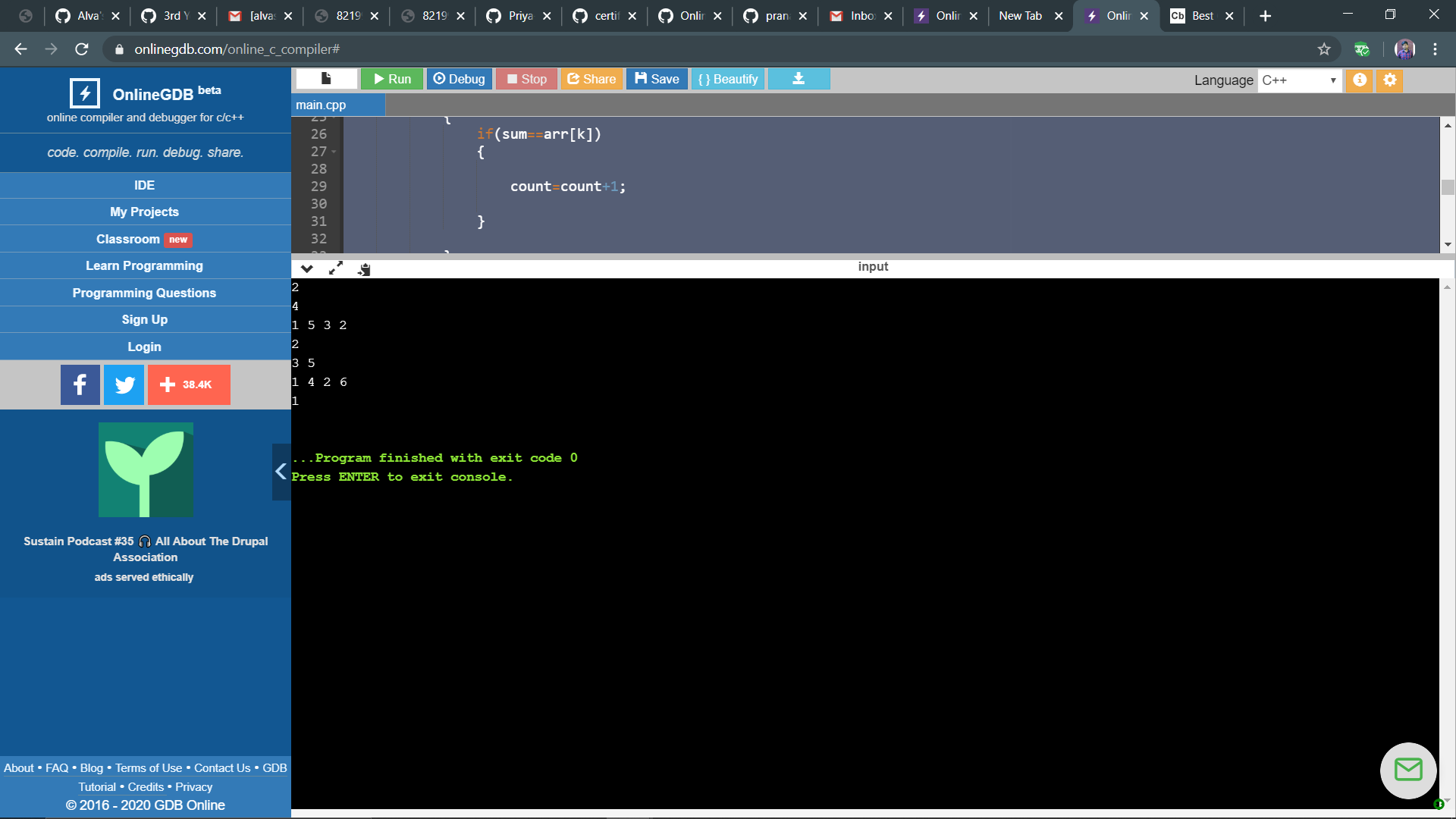
} else {

std::cout << count << "\n";

count = 0;

}

}

}