Sum of 2 Numbers

Given an array, check if there exists 2 elements of the array such that their sum is equal to the sum of the remaining elements of the array.

Input Format

First line of input contains T - number of test cases. Its followed by 2T lines, the first line contains N - the size of the array. The second line contains a N integers - elements of the array.

Constraints

30 points
1 <= T <= 100
1 <= N <= 1000
-10^6 <= A[i] <= 10^6

70 points
1 <= T <= 500
1 <= N <= 10000
-10^6 <= A[i] <= 10^6

Output Format

For each test case, print "Yes" if such elements exists, "No" otherwise, separated by new line.

Sample Input 0

```
2
5
-3 5 8 2 -4
6
5 -10 8 4 2 -3
```

Sample Output 0

```
Yes
No
```

Explanation 0

Test Case 1
Possible values: 8+(-4) = (-3)+5+2.

Test Case 2
No 2 elements exists whose sum is equal to the sum of the remaining array elements.