1 2 3
4
1 2 3 3

Sample Output 0

NO
YES

Explanation 0

For the first test case, no such index exists.
For the second test case, ***arr[0] + arr[1] = arr[3]***, therefore index ***2*** satisfies the given conditions.

Sample Input 1

3
5
1 1 4 1 1
4
2 0 0 0
4
0 0 2 0

Sample Output 1

YES
YES
YES

Explanation 1

In the first test case, ***arr[2] = 4*** is between two subarrays summing to ***2***.
In the second case, ***arr[0] = 2*** is between two subarrays summing to ***0***.
In the third case, ***arr[2] = 2*** is between two subarrays summing to ***0***.

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
int main()
```