

Maintaining a Sequence

Time Limit: 2.0s **Memory Limit:** 64M

Welcome to the contest! This task will prepare you for the other tasks in this contest. For this task, please print out whether there are duplicate elements in the array a .

Input Specification

The first line will contain the integer N ($1 \leq N \leq 10^5$).

The second line will contain N integers, a_i ($0 \leq a_i \leq 10^9$), the elements of the array.

Output Specification

Print , if there are duplicate elements, and otherwise.

Sample Input 1

```
5
1 3 9 2 0
```

Sample Output 1

```
NO
```

Sample Input 2

```
4
1 2 3 2
```

Sample Output 2

```
YES
```