

<https://course.acciojob.com/idle?question=00744049-8dcb-4429-8ae0-f3607545f1a5>

- EASY
- Max Score: 30 Points

## Contains Duplicate

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You are given an integer array `arr` of size `n`. Find if the array contains any duplicates.

### Input Format

The first line of input contains the integer `n` i.e. size of the array

The next line contains `n` spaced array integers.

### Output Format

For each test case , print `true` if duplicates are present or print `false` if duplicates are not present.

### Example 1

Input

4

1 2 3 1

Output

true

Explanation

1 is duplicate here.

## Example 2

Input

4

1 2 3 4

Output

false

Explanation

No duplicate present.

## Constraints

$1 \leq n \leq 10^4$

$0 \leq \text{arr}[i] \leq 10^5$

### Topic Tags

- Hashing
- Arrays

# My code

```
// in java
import java.util.*;
import java.lang.*;
import java.io.*;

public class Main
{
    public static void main (String[] args) throws
java.lang.Exception
    {
        //System.out.println("Hello World");
        Scanner s=new Scanner(System.in);
        int n=s.nextInt();
        int arr[]=new int [n];
        for(int i=0;i<n;i++)
            arr[i]=s.nextInt();
        for(int i=0;i<n-1;i++)
            for(int j=i+1;j<n;j++)
                if(arr[i]==arr[j]){System.out.print("true"); return;}
        System.out.print("false");
    }
}
```