HW_Contains Duplicate?

Take an integer array **arr** as input and print **"true"** if any value appears at least twice in the array, else print **"false"** if every element is distinct.

NOTE :- After answering the question, attempt the related question in the linked resource to improve your understanding of the question . Question Link -> https://leetcode.com/problems/contains-duplicate/

Input Format

- An Integer N.

- N integers depicting elements of array.

Constraints

- 1 <= arr.length <= 10^5

- -10^9 <= arr[i] <= 10^9

Output Format

- "true" or "false"

Sample Input 0

```
5
1 2 3 4 5
```

Sample Output 0

```
false
```

Sample Input 1

```
5
1 2 2 3 1
```

Sample Output 1

```
true
```

Submitted Code

Language: Java 15

```java
import java.io.*;
import java.util.*;

public class Solution {

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int n = sc.nextInt();
        int [] arr = new int[n];
        for(int i =0;i<n;i++)arr[i]=sc.nextInt();

        Map<Integer , Integer> hm = new HashMap<>();

        for(int i=0;i<n;i++){
            hm.put(arr[i],hm.getOrDefault(arr[i],0)+1);
        }

        for(Integer key : hm.keySet()){
            if(hm.get(key)>1){System.out.print(true);return;}
        }
        System.out.print(false);
    }
}
```