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<b>Started on</b>	Monday, 19 August 2024, 10:20 AM
<b>State</b>	Finished
<b>Completed on</b>	Monday, 19 August 2024, 10:22 AM
<b>Time taken</b>	2 mins 4 secs
<b>Marks</b>	1.00/1.00
<b>Grade</b>	<b>4.00</b> out of 4.00 ( <b>100%</b> )

Question 1

Correct

Mark 1.00 out of 1.00

Find Duplicate in Array.

Given a read only array of n integers between 1 and n, find one number that repeats.

Input Format:

First Line - Number of elements

n Lines - n Elements

Output Format:

Element x - That is repeated

For example:

Input	Result
5 1 1 2 3 4	1

Answer: (penalty regime: 0 %)

```
1 #include <stdio.h>
2 int main(){
3     int n;
4     scanf("%d",&n);
5     int arr[n];
6     for(int i=0 ; i<n ; i++)
7         scanf("%d",&arr[i]);
8     for(int i=0 ; i<n-1 ; i++){
9         for(int j=i+1 ; j<n ; j++){
10             if(arr[i]==arr[j])
11                 printf("%d",arr[i]);
12         }
13     }
14 }
```

	Input	Expected	Got	
✓	11 10 9 7 6 5 1 2 3 8 4 7	7	7	✓
✓	5 1 2 3 4 4	4	4	✓
✓	5 1 1 2 3 4	1	1	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

◀ 4-DP-Longest non-decreasing Subsequence

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