Started on	Thursday, 23 October 2025, 8:10 AM
State	Finished
Completed on	Thursday, 23 October 2025, 8:18 AM
Time taken	7 mins 33 secs
Marks	1.00/1.00
Grade	**10.00** out of 10.00 (**100**%)

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 %)

```c
1   #include<stdio.h>
2   int main(){
3       int n;
4       scanf("%d",&n);
5       int a[n];
6       for (int i=0;i<n;i++){
7           scanf("%d",&a[i]);
8       }
9       for(int i =0;i<n;i++){
10          for(int j=i+1;j<n;j++){
11              if(a[i]==a[j]){
12                  printf("%d ",a[i]);
13
14              }
15          }
16      }
17  }
```

	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.