Started on	Thursday, 23 October 2025, 8:10 AM
State	Finished
Completed on	Thursday, 23 October 2025, 8:18 AM
Time taken	7 mins 20 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 1 2 3 4	

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   {
8       scanf("%d",&a[i]);
9   }
10  for(int i=0;i<n;i++)
11  {
12      for(int j=i+1;j<n;j++)
13      {
```

```
13            {
14            if(a[i]==a[j])
15            {
16                printf("%d",a[i]);
17                return 0;
18            }
19        }
20     }
21     return 0;
22   }
```

	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.