Started on	Friday, 24 October 2025, 8:48 PM
State	Finished
Completed on	Friday, 24 October 2025, 8:51 PM
Time taken	3 mins 34 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  {
4      int n;
5      scanf("%d",&n);
6      int a[n];
7      for (int i=0;i<n;i++)
8      {
9          scanf("%d",&a[i]);
10     }
11     for (int i=0;i<n;i++)
12     {
13         for(int j=i+1;j<n;j++)
14         {
15             if(a[i]==a[j])
16             printf("%d",a[i]);
17         }
18     }
19 }
```

	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.