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**Started on** Friday, 24 October 2025, 9:00 PM

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**State** Finished

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**Completed on** Friday, 24 October 2025, 9:06 PM

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**Time taken** 6 mins 3 secs

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**Marks** 1.00/1.00

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**Grade** **10.00** out of 10.00 (**100%**)

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**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 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 }
```

	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.