

Started on	Thursday, 23 October 2025, 8:23 AM
State	Finished
Completed on	Thursday, 23 October 2025, 8:30 AM
Time taken	6 mins 42 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 %)

```

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++)

```

```
13     for (int j=i+1; j<n; j++)
14     {
15         if(a[i]==a[j])
16         {
17             printf("%d",a[i]);
18         }
19     }
20 }
21 }
```

	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.