

Started on Friday, 17 October 2025, 7:53 PM

State Finished

Completed on Friday, 17 October 2025, 8:15 PM

Time taken 21 mins 56 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 %)

```
1 #include<stdio.h>
2 int main(){
3     int n,i,j,d=-1;
4     scanf("%d",&n);
5     int arr[n];
6     for (i=0;i<n;i++)
7     {
8         scanf("%d",&arr[i]);
9     }
10    for(i=0;i<n;i++)
11    {
12        for(j=i+1;j<n;j++)
13        {
14            if(arr[i]==arr[j])
15            {
16                d=arr[i];
17                break;
18            }
19            if(d!=-1)
20            {
21                break;
22            }
23        }
24    }
25 }
```

	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.