

VARSHINI S 2024-CSE ▾

V2

Started on Wednesday, 29 October 2025, 9:03 AM**State** Finished**Completed on** Wednesday, 29 October 2025, 9:07 AM**Time taken** 4 mins 26 secs**Marks** 1.00/1.00**Grade** **4.00** out of 4.00 (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;
4     scanf("%d",&n);
5     int arr[n];
6     for(int i=0;i<n;i++){
7         scanf("%d",&arr[i]);
8     }
9     for(int i=0;i<n;i++){
10        int count=0;
11        for(int j=i+1;j<n;j++){
12            if(arr[i]==arr[j]){
13                count++;
14                printf("%d",arr[i]);
15                break;
16            }
17        }
18        if(count>1)
19            break;
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.

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