



Started on	Tuesday, 14 October 2025, 7:05 PM
State	Finished
Completed on	Tuesday, 14 October 2025, 7:14 PM
Time taken	8 mins 40 secs
Marks	1.00/1.00
Grade	<b>4.00</b> out of 4.00 ( <b>100%</b> )

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
3  int main() {
4      int n, i, j;
5      scanf("%d", &n);
6      int a[n];
7      for(i=0; i<n; i++) {
8          scanf("%d", &a[i]);
9      }
10     for(i=0; i<n; i++) {
11         for(j=i+1; j<n; j++) {
12             if(a[i] == a[j]) {
13                 printf("%d\n", a[i]);
14                 return 0;
15             }
16         }
17     }
18     return 0;
19 }
20

```

	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.