

Learn how your code will be evaluated (https://helpcenter.mymapit.in/?ht_kb=things-to-know-before-attempting-the-test)Utility codes for quick start (https://helpcenter.mymapit.in/?page_id=871)

Section - 1

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0 0 1 0 0 0 2

Sample Output 1:

1

3

Sample Input 2:

2

5

1 1 2 3 6

4

2 2 3 5

Sample Output 2:

1

2

Sample Input

C (gcc 4.8.3) ▼



▶ Compile & Run

O/P »

```

1  #include<stdio.h>
2
3  // alternative approach - sort the array and if anywhere adj pair are found eq
4
5  // current approach - use array as a storage of frequency since all elements a
6
7  int findDupli(int arr[] ,int size){
8
9      int eleToFreq[100] = {0}; // to store freq of element Lets say ele form 0
10     int i;
11     for(i=0; i < size; i++){
12         eleToFreq[arr[i]]++;
13         if(eleToFreq[arr[i]] > 1) return arr[i];
14     }
15
16     return -1;
17 }
18
19 int main(){
20
21     int noOfInputs;
22     scanf("%d",&noOfInputs);
23     while(noOfInputs != 0){
24         int size;
25         scanf("%d",&size);
26         int arr[size];
27         int i;
28         for(i=0; i < size; i++) scanf("%d",&arr[i]); // input array elements
29         int dupli = findDupli(arr,size); // find duplicate element
30         printf("%d\n",dupli);
31
32         noOfInputs--;
33     }
34
35 }
36

```

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