

Contest Code/Name (e.g. JULY15/PRACTICE)

Problem Code/Name (e.g. TEST)

Select

C (gcc 6.3)



Code gets autosaved every second



```
1 #include<stdio.h>
2
3 int main()
4 {
5     int i,arr[20],j,no;
6     printf("Enter size of array: ");
7     scanf("%d",&no);
8     printf("Enter any %d elements in array: ",no);
9     for(i=0;i<no;i++)
10    {
11        scanf("%d",&arr[i]);
12    }
13    printf("Duplicate elements are: ");
14    for(i=0; i<no; i++)
15    {
16        for(j=i+1;j<no;j++)
17        {
18            if(arr[i]==arr[j])
19            {
20                printf("%d\n",arr[i]);
21            }
22        }
23    }
24 }
```

0:17



Open File

✓ Custom Input

Run

Custom Input

```
5
1 1 2 3
|
```

Status Successfully executed **Date** 2020-06-09 14:12:03 **Time** 0 sec **Mem** 9.424 kB



Input

```
5
1 1 2 3
```

Output

Enter size of array: Enter any 5 elements in array: Duplicate elements are: 1

c Program to find repeated element in array

Algorithm:

Step 1: start

Step 2: read input for no

Step 3: read array element
 $arr[i]$

Step 4: print "duplicated elements are"

```
Step 5: for (i=0; i < no; i++) // if false go to step 6
{
    for (j=i+1; j < no; j++)
        if (arr[i] == arr[j])
        {
            Print arr[i]
        }
}
```

Step 6: stop

Flowchart:

