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NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » **Problem Solving Through Programming In C (course)**



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Course outline

**How does an
NPTEL
online
course
work? ()**

Week 0 : ()

Week 1 ()

Week 2 ()

Week 3 ()

Week 4 ()

Week 5 ()

Week 6 : Programming Assignment 4

Due on 2023-09-07, 23:59 IST

Write a C Program to delete duplicate elements from an array of integers.

Your last recorded submission was on 2023-08-30, 07:27 IST

Select the Language for this assignment. C ▾

```

1 #include<stdio.h>
2
3 int main()
4 {
5     int array[50], i, size;
6
7     scanf("%d", &size); /*Accepts the size of array from test case data */
8
9     for (i = 0; i < size; i++)
10        scanf("%d", &array[i]); /* Read the array elements from the test case
11
12 int a[50],j=0;
13 for(i=0;i<size;i++)
14 {
15     int flag=0;
16     for(int k=0;k<=j;k++)
17     {
18         if(a[k]==array[i])
19         {
20             flag=1;
21             break;
22         }
23     }
24     if(flag==0)
25         a[j++]=array[i];
26 }
27 for(int k=0;k<j;k++)
28     array[k]=a[k];
29 size=j;
30
31 for (i = 0; i < size; i++) {
32     printf("%d\n", array[i]);
33 }
```

Week 6 ()

- ☐ Lecture 26: Introduction to Arrays (unit? unit=61&lesson=62)
- ☐ Lecture 27: Arrays (Contd.) (unit? unit=61&lesson=63)
- ☐ Lecture 28: Arrays (Contd.) (unit? unit=61&lesson=64)
- ☐ Lecture 29: Program using Arrays (unit? unit=61&lesson=65)
- ☐ Lecture 30: Array Problem (unit? unit=61&lesson=66)
- ☐ Quiz: Week 6 : Assignment 6 (assessment? name=242)
- ☒ Week 6 : Programming Assignment 1 (/noc23_cs121/progassignment? name=243)
- ☒ Week 6 : Programming Assignment 2 (/noc23_cs121/progassignment? name=244)
- ☒ Week 6 : Programming Assignment 3

```
3 |  
4 }
```

You may submit any number of times before the due date. The final submission will be considered for grading.

This assignment has Public Test cases. Please click on "Compile & Run" button to see the status of Public test cases. Assignment will be evaluated only after submitting using Submit button below. If you only save as or compile and run the Program , your assignment will not be graded and you will not see your score after the deadline.

Save as Draft

Compile & Run

Submit

Reset

Sample Test Cases

	Input	Output
Test Case 1	5 50 60 30 20 30	50 60 30 20
Test Case 2	6 40 20 50 30 20 10	40 20 50 30 10

(/noc23_cs121
/progassignment?
ent?
name=245)

☒ **Week 6 :**
Programmin
g Assignment
4
(/noc23_cs12
1/progassign
ment?
name=246)

☐ Feedback
Form of Week
6 (unit?
unit=61&lesso
n=247)

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