**PLACEMENT AND TRAINING**

**1.Remove the duplicate elements  from the array**

#include <stdio.h>

#include <conio.h>

int main ()

{

int arr[50],i,j,k,size;

printf ("Define the no. of elements in an array: ");

scanf ("%d",&size);

printf (" \nEnter %d elements of an array:",size);

for (i = 0;i<size;i++)

{

scanf("%d",&arr[i]);

}

for (i=0;i<size;i ++)

{

for (j=i+1;j<size;j++)

{

if (arr[i]==arr[j])

{

for(k=j;k<size-1;k++)

{

arr[k]=arr[k + 1];

}

size--;

j--;

}

}

}

printf("\n Array elements after deletion : ");

for (i=0;i<size;i++)

{

printf("%d ",arr[i]);

}

return 0;

}

**OUTPUT**

Define the no. of elements in an array: 5

Enter 5 elements of an array:6

5

4

6

9

Array elements after deletion : 6 5 4 9

2.  **create two array, Compare two arrays to ensure each array is having unique set of  values**

def arr(arr1, arr2, n, m):

if (n != m):

return False

arr1.sort()

arr2.sort()

for i in range(0, n):

if (arr1[i] != arr2[i]):

return False

return True

arr1 = [1,2,3,4,5]

arr2 = [5,4,2,3,1]

n = len(arr1)

m = len(arr2)

if (arr(arr1, arr2, n, m)):

print("Yes")

else:

print("No")

**OUTPUT**

Yes