24 July

**C Program to remove Duplicate Element in an Array.**

#include<stdio.h>

#include<conio.h>

void main()

{

int a[20], i, j, k, n;

clrscr();

printf("\nEnter array size: ");

scanf("%d", &n);

printf("\nEnter %d array element: ", n);

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

{

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

}

printf("\nOriginal array is: ");

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

{

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

}

printf("\nNew array is: ");

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

{

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

{

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

{

for(k = j; k < n; k++)

{

a[k] = a[k+1];

}

n--;

}

else

{

j++;

}

}

}

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

{

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

}

getch();

}

**Output:**

Enter array size: 5

Enter 5 array element: 11 13 11 12 13

Original array is: 11 13 11 12 13

New array is: 11 13 12