11 June

**C program to remove duplicate element in a sorted array**.

#include<stdio.h>

int remove\_duplicate\_elements(int arr[], int n)

{

if (n==0 || n==1)

return n;

int temp[n];

int j = 0;

int i;

for (i=0; i<n-1; i++)

if (arr[i] != arr[i+1])

temp[j++] = arr[i];

temp[j++] = arr[n-1];

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

arr[i] = temp[i];

return j;

}

int main()

{

int n;

scanf("%d",&n);

int arr[n];

int i;

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

{

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

}

n = remove\_duplicate\_elements(arr, n);

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

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

return 0;

}