

```

import java.util.*;
public class Main{
public static int removeDuplicateElements(int arr[], int n){
    if (n==0 || n==1){
        return n;
    }
    int[] temp = new int[n];
    int j = 0;
    for (int i=0; i<n-1; i++){
        if (arr[i] != arr[i+1]){
            temp[j++] = arr[i];
        }
    }
    temp[j++] = arr[n-1];

    for (int i=0; i<j; i++){
        arr[i] = temp[i];
    }
    return j;
}
}

```

```

public static void main (String[] args) {
    Scanner sc=new Scanner(System.in);
    int n;
    System.out.println("Enter size of array");
    n=sc.nextInt();
    int arr[] = new int[n];
    System.out.println("Enter Array elements");
    for(int i=0;i<n;i++){
        arr[i]=sc.nextInt();
    }

    n= removeDuplicateElements(arr, n);

    for (int i=0; i<n; i++)
        System.out.print(arr[i]+" ");
    }
}

```