

```

import java.util.Scanner;
class Main
{
    static int removeDup(int arr[],int n)
    {
        if(n==0||n==1)
        {
            return n;
        }
        int j=0;
        for(int i=0;i<n-1;i++)
            if(arr[i]!=arr[i+1])
                arr[j++]=arr[i];
        arr[j++]=arr[n-1];
        return j;
    }
    public static void main(String[] args)
    {
        Scanner input=new Scanner(System.in);
        System.out.println("Enter the size of array:");
        int n=input.nextInt();
        int[] arr=new int[n];
        System.out.println("Enter the Elements:");
        for(int i=0;i<n;i++)
        {
            arr[i]=input.nextInt();
        }
        int r=removeDup(arr,n);
        for(int i=0;i<r;i++)
        {
            System.out.print(arr[i]+" ");
        }
    }
}

```