

```
import java.util.Scanner;
class ArrayRemoveDuplicates
{
    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)
    {
        int n;
        Scanner input = new Scanner(System.in);
        System.out.println("Enter the size of the array: ");
        n =input.nextInt();
        int[]arr = new int[n];
        System.out.println("Enter the array elements: ");
        for(int i = 0; i < n; i++)
        {
            arr[i] = input.nextInt();
        }
        int s = removeDup(arr, n);
        for (int i=0; i<s; i++)
        {
            System.out.print(arr[i]+" ");
        }
    }
}
```