

The Team Leader of Testing team of XYZ company decided to assess the team members by organising a programming event. So he gave the team a task. The task is given an array of size N, find the number of distinct elements in the array and print them in ascending order. Those members who answer, will get some reward. Write a program to help the Team Leader to evaluate the solutions of the team members.

Input format: The first line contains a single integer that denotes the size of the array, N. The second line contains N space separated integer values of the array.

Output format: The first line is an integer that denotes the number of the distinct elements i nth the array. The second line is a series of integers seperated by space that denotes the distinct elements.

In [2]:

```
array=int(input())
array_1=sorted(set(map(int,input().split(" "))))
print(len(array_1))
for i in array_1:
    print(i,end=' ')
```

5
1 2 1 2 1
2
1 2

In [ ]:

In [ ]:

In [ ]: