

# 13

## A night at the karaoke

8 points

### Introduction

Friends that like singing meet together at someone's home to do a karaoke session. Anyone asks at the beginning for the songs they want to sing. As they sing for hours and hours, they do not want to repeat any song.

Your friend Sing-Chang has asked you to write a program for this Saturday's big party at his home. This program must detect repeated songs and how many times they appear.

### Input

The first line of the input contains a number  $N$  with the total number of songs ( $N < 50$ ).

Each line contains the name of a song in lowercase letters a-z. Each song has a maximum length of 80 letters including blanks.

### Example 1

```
5
born in the usa
destiny
roxanne
message in a bottle
born in the usa
```

### Example 2

```
6
yesterday
hey jude
like a rolling stone
yesterday
hey jude
yesterday
```

### Output

The output of the program must be the list of songs, in order of request, without any repetition and the amount of times each of them is requested.

### Example 1

```
2 born in the usa
1 destiny
1 roxanne
1 message in a bottle
```

### Example 2

```
3 yesterday
2 hey jude
1 like a rolling stone
```