

Bibi's Array

Bibi also has an array containing N elements. Like Lili, Bibi wants to know the highest frequency (most occurrences) and all elements which have that frequency.

Format Input

The first line contains an integer T stating the number of test cases.

For each test case, the first line contains a single integer N which indicate the number of element in the array. The next line contains N integers X_i $(1 \le i \le N)$ which indicate i^{th} element in the array.

Format Output

Consists of T lines where each line has the format "Case #X: Y", where X is the test case number starting at 1 and Y is the highest frequency. Next line contains all elements which have that frequency sorted in ascending order.

Constraints

- $1 \le T \le 20$
- $2 \le N \le 20.000$
- $1 \le X_i \le 2 \times 10^5$

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Sample Input (standard input)

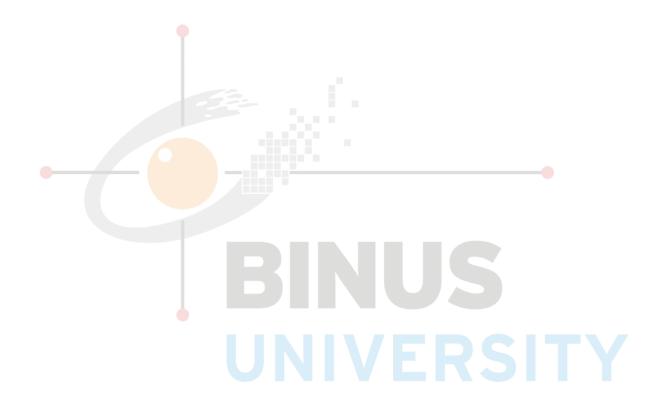
```
3
8
1 1 2 2 3 4 5 5
8
5 5 4 3 2 2 1 1
4
1 1 1 3
```

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Sample Output (standard output)

```
Case #1: 2
1 2 5
Case #2: 2
1 2 5
Case #3: 3
```



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Bibi's Array

Bibi mempunyai sebuah array yang berisi N buah elemen. Seperti Lili, Bibi ingin tahu elemen dengan frekuensi(banyak kemunculan) tertinggi dan semua elemen yang memiliki frekuensi tersebut.

Format Input

Baris pertama berisi sebuah bilangan bulat T yang menyatakan banyaknya kasus uji. Untuk setiap kasus uji, baris pertama berisi sebuah bilangan bulat N yang menyatakan banyak elemen pada array. Pada baris selanjutnya, terdapat N bilangan bulat X_i ($1 \le i \le N$) yang menyatakan nilai elemen ke-i pada array.

Format Output

Terdiri dari T baris yang setiap barisnya memiliki format "Case #X: Y", dimana X adalah nomor kasus uji mulai dari 1 dan Y adalah frekuensi tertinggi. Baris selanjutnya berisi semua elemen dengan frekuensi tertinggi terurut menaik.

Constraints

- $1 \le T \le 20$
- $2 \le N \le 20.000$

$\bullet \ 1 \le X_i \le 2 \times 10^5$

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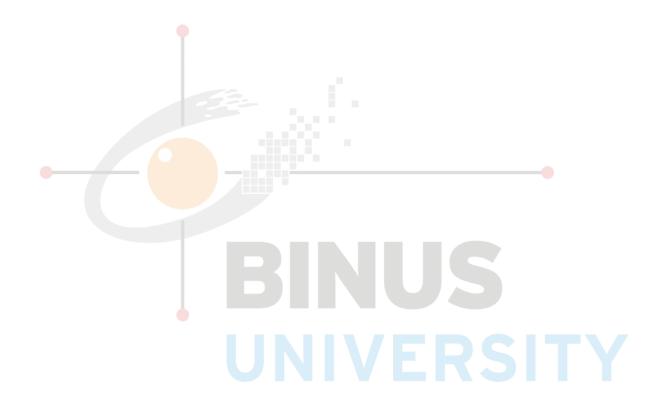
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5 5 4 3 2 2 1 1
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Sample Output (standard output)

```
Case #1: 2
1 2 5
Case #2: 2
1 2 5
Case #3: 3
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