BINUS **UNIVERSITY**
SCHOOL OF COMPUTER SCIENCE

Distinct Numbers

Bibi has multiple positive integers. Help Bibi in counting the number of different positive integers received by Bibi.

Format Input

Input consists of integers T which is the number of test cases. The next line is the integer N which is the number of positive integers received by Bibi. The next line contains N integers of M.

Format Output

Output contains "Case #X: Y" where X is the test case number and Y is the number of different integers received by Bibi.

Constraints

- $1 \leq T \leq 10$
- $1 \leq N, M \leq 10^6$

Sample Input 1 (standard input)

```
2
5
1 2 3 3 3
10
1 2 3 4 5 4 3 2 1 6
```

Sample Output 1 (standard output)

```
Case #1: 3
Case #2: 6
```

Sample Input 2 (standard input)

```
1
7
10 5 2 3 4 9 1
```

Sample Output 2 (standard output)

```
Case #1: 7
```

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Bibi mendapatkan beberapa bilangan bulat positif. Bantulah Bibi dalam menghitung banyaknya bilangan bulat positif berbeda yang diterima oleh Bibi.

Format Input

Input terdiri dari bilangan bulat T yang merupakan banyaknya kasus uji. Baris berikutnya merupakan bilangan bulat N yang merupakan banyaknya bilangan bulat positif yang diterima oleh Bibi. Baris selanjutnya berisi N buah bilangan bulat M.

Format Output

Output berisi "Case #X: Y" dimana X adalah nomor kasus uji dan Y adalah banyaknya bilangan bulat berbeda yang diterima oleh Bibi.

Constraints

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Sample Input 2 (standard input)

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10 5 2 3 4 9 1
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Sample Output 2 (standard output)

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Case #1: 7
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