

Yet Another Inequalities!

Several weeks before, Jojo asked you to help him solve some inequalities problem. This time, he asked you one more time. He wants to ask you to determine the appropriate inequality sign. Every problems always in $a^b \dots e^c$ model (e is euler number and a, b, c always integer).

Help Jojo to solve his problem by answer < or >. It is guaranteed that the result never produce = sign.

Format Input

Input consists of 1 integer T, number of test case and followed by T lines of a_i, b_i, c_i , describing a, b, c for i^{th} test case.

Format Output

Output should be expressed in format "Case #X: Y" - X is number of test case and Y is the appropriate inequality symbol to make the statement true.

Constraints

- $1 \le T \le 100$
- $0 \le a_i, b_i, c_i \le 1.000.000$

Sample Input 1 (standard input)

```
3
2 8 5
3 1 9
8 2 6
```

Sample Output 1 (standard output)

```
Case #1: >
Case #2: <
Case #3: <
```

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Sample Input 2 (standard input)

```
2
7 1 3
2 25 10
```

Sample Output 2 (standard output)

```
Case #1: <
Case #2: >
```

Explanation

For Sample Test Case 2, 7^1 is equal to 7, and e^3 is equal to 20.0855369232. Thus, $7^1 < e^3$.



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Pada beberapa minggu sebelumnya, Jojo sempat meminta bantuan anda untuk menyelesaikan masalah pertidaksamaan pada kuliah Kalkulus I nya. Kali ini, ia sekali lagi meminta bantuan anda menentukan tanda pertidaksamaan yang sesuai dengan soal yang diminta. Dijamin, bentuk soal akan selalu berupa $a^b...e^c$, dimana a,b,c merupakan angka integer dan e merupakan $euler\ number$.

Bantulah Jojo menyelesaikan masalahnya dengan menjawab < atau >. Dipastikan pula tidak ada inputan yang menghasilkan tanda =.

Format Input

Input terdiri dari 1 buah angka bulat T dan diikuti oleh T baris a_i, b_i, c_i yang merupakan a, b, c untuk $test\ case$ ke i.

Format Output

Output yang dikel<mark>uarkan da</mark>lam format "Case #X: Y" - X merupakan nomor *test case* dan Y merupakan simbol pertidaksamaan agar pernyataan tersebut bernilai benar.

Constraints

- 1 < T < 100
- $0 \le a_i, b_i, c_i \le 1.000.000$

Sample Input 1 (standard input)

```
3
2 8 5
3 1 9
8 2 6
```

Sample Output 1 (standard output)

```
Case #1: >
Case #2: <
Case #3: <
```

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Sample Input 2 (standard input)

```
2
7 1 3
2 25 10
```

Sample Output 2 (standard output)

```
Case #1: <
Case #2: >
```

Explanation

Pada Sample Test Case 2, 7¹ akan bernilai 7, sedangkan e^3 akan bernilai 20.0855369232 sehingga $7^1 < e^3.$

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