Problem F – Game of Operators

Night King has just started Programming, he is in first year of CSE. Chef is reading about Relational Operators.
Relational Operators are operators which check relationship between two values.

Given two numerical values **A** and **B** you need to help Night King in finding the relationship between them that is,
First one is greater than second or,
First one is less than second or,
First and second one are equal.

Input Format

First line contains an integer **T**, which denotes the number of test cases. Each of the **T** lines contain two integers **A** and **B**.

Constraints

1 ≤ **T** ≤ 10000
1 ≤ **A**, **B** ≤ 1000000001

Output Format

For each line of input produce one line of output. This line contains any one of the relational operators
'<' , '>' , '='.

Sample Input:

```
3
10 20
20 10
10 10
```

Sample Output:

<

>

=

Explanation

Case 1. In this example 1 as 10 is lesser than 20.