YOU AND OPERATOR

You has just started Programming, he is in first year of Engineering. you is reading

about Relational Operators.

Relational Operators are operators which check relatioship between two values. Given two

numerical values A and B you need to help you 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 testcases. Each of the T lines contain two integers A and B.

Constraints

$1 \leq T \leq 10000$ $1 \leq A, B \leq 1000000001$ **Output**

Format

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

Example

Input:

3

10 20

20 10

10 10

Output:

<

>

=

Sample Input 0

```
3

10 20

20 10

10 10
```

Sample Output 0

```
<

>

=
```

SOLUTION:-

```c
#include <stdio.h>

#include <string.h>

#include <math.h>

#include <stdlib.h>


int main() {

    int n,a,b;
    scanf("%d",&n);
    while(n>0)
    {
        scanf("%d %d",&a,&b);
        if(a==b)
        {printf("=\n\n");}
        else if(a>b)
        {printf(">\n\n");}
        else
        {printf("<\n\n");}
        n--;
    }
    return 0;
}
```