

Comparing Numbers



Given two integers, X and Y , identify whether $X < Y$ or $X > Y$ or $X = Y$.

Exactly one of the following lines:

- X is less than Y
- X is greater than Y
- X is equal to Y

Input Format

Two lines containing one integer each (X and Y , respectively).

Constraints

-

Output Format

Exactly one of the following lines:

- X is less than Y
- X is greater than Y
- X is equal to Y

Sample Input

Sample Input 1

```
5
2
```

Sample Input 2

```
2
2
```

Sample Input 3

```
2
3
```

Sample Output

Sample Output 1

X is greater than Y

Sample Output 2

X is equal to Y

Sample Output 3

X is less than Y

Explanation

