

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

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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

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