

Comparing Numbers

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

Comparisons in a shell script may either be accomplished using regular operators (such as `<` or `>`) or using (`-lt`, `-gt`, `-eq`, i.e. less than, greater than, equal to) for POSIX shells. This [discussion on stack overflow](#) contains useful information on this topic.

Input Format

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

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 1

```
5
2
```

Sample Output 1

```
X is greater than Y
```

Sample Input 2

```
2
2
```

Sample Output 2

```
X is equal to Y
```

Sample Input 3

```
2
3
```

Sample Output 3

```
X is less than Y
```

Reference Resources

A [relevant and interesting discussion](#) on Stack-Exchange for those getting started with handling numbers and arithmetic operations in Bash.

These discussions on [stack overflow](#) and [geeksforgeeks](#) contains useful information on this topic.