
Comparison of words

P90226_en

Write a program that reads two words and tells their lexicographic order.

Input

Input consists of two words a and b , made up of only lowercase letters.

Output

Print a line telling if $a < b$, $a > b$ or $a = b$, following the format of the examples exactly.

Observation

If you use a modern programming language, this exercise should be trivial.

Sample input 1

```
anna xavier
```

Sample input 2

```
xavier joan
```

Sample input 3

```
joan joan
```

Sample output 1

```
anna < xavier
```

Sample output 2

```
xavier > joan
```

Sample output 3

```
joan = joan
```

Problem information

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