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	Sample output 1
anna xavier	anna < xavier

Sample input 2	Sample output 2
xavier joan	xavier > joan

Sample input 3	Sample output 3
joan joan	joan = joan

Problem information

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