| CODEFORCES β
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HOME   TOP   CONTESTS   GYM   **PROBLEMSET**   GROUPS   RATING   API   MS Q# CONTEST 🏆   VK CUP 🏆   CALENDAR   **8 YEARS!** 🎁

PROBLEMS   SUBMIT   STATUS   STANDINGS   CUSTOM TEST

A. Petya and Strings

time limit per test: 2 seconds

memory limit per test: 256 megabytes

input: standard input

output: standard output

Little Petya loves presents. His mum bought him two strings of the same size for his birthday. The strings consist of uppercase and lowercase Latin letters. Now Petya wants to compare those two strings <u>lexicographically</u>. The letters' case does not matter, that is an uppercase letter is considered equivalent to the corresponding lowercase letter. Help Petya perform the comparison.

Input

Each of the first two lines contains a bought string. The strings' lengths range from 1 to 100 inclusive. It is guaranteed that the strings are of the same length and also consist of uppercase and lowercase Latin letters.

Output

If the first string is less than the second one, print "-1". If the second string is less than the first one, print "1". If the strings are equal, print "0". Note that the letters' case is not taken into consideration when the strings are compared.

Examples

input	Copy
aaaa
aaaA	

output	Copy
0	

input	Copy
abs
Abz	

output	Copy
-1	

input	Copy
abcdefg
AbCdEfF	

output	Copy
1	

Note

If you want more formal information about the lexicographical order (also known as the "<u>dictionary order</u>" or "<u>alphabetical order</u>"), you can visit the following site:

- http://en.wikipedia.org/wiki/Lexicographical_order

→ Attention

Package for this problem was not updated by the problem writer or Codeforces administration after we've upgraded the judging servers. To adjust the time limit constraint, solution execution time will be multiplied by 2. For example, if your solution works for 400 ms on judging servers, then value 800 ms will be displayed and used to determine the verdict.

Codeforces Beta Round #85 (Div. 2 Only)

Finished

Practice

⭐

→ Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ACM-ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

Start virtual contest

→ Clone Contest to Mashup

You can clone this contest to a mashup.

Clone Contest

→ Submit?

Language: GNU G++11 5.1.0   ▼

Choose file: Choose File   No file chosen

Be careful: there is 50 points penalty for submission which fails the pretests or resubmission (except failure on the first test, denial of judgement or similar verdicts). "Passed pretests" submission verdict doesn't guarantee that the solution is absolutely correct and it will pass system tests.

Submit