Rehearsal

Problems

A. Mirror image of the Genomes
B. Counting s-car
C. Prefix and Suffix
D. Distance

Do not open before the contest has started.

Advice, hints, and general information

- The problems are **not** sorted by difficulty.
- Your solution programs must read input from *standard input* (e.g. System.in in Java or cin in C++) and write output to *standard output* (e.g. System.out in Java or cout in C++). For further details and examples, please refer to your administrator guide and Domjudge documentation.
- For information about which compiler flags and versions are used, please refer to your administrator guide. (Python 2.7.17, Oracle Java 1.8.0_144, gcc 7.5.0 (C, C++ std14)).
- Your submissions will be run multiple times, on several different inputs. If your submission is incorrect, the error message you get will be the error exhibited on the first input on which you failed.
    - E.g., if your instance is prone to crash but also incorrect, your submission may be judged as either "Wrong Answer" or "Run Time Error", depending on which is discovered first. The inputs for a problem will always be tested in the same order.
- If you think some problem is ambiguous or underspecified, you may ask the judges for a clarification request through the Domjudge system. The most likely response is "No comment, read problem statement", indicating that the answer can be deduced by carefully reading the problem statement or by checking the sample test cases given in the problem, or that the answer to the question is simply irrelevant to solving the problem.
- In general we are lenient with small formatting errors in the output, in particular whitespace errors within reason, and upper/lower case errors are often (but not always) ignored. But not printing any spaces at all (e.g. missing the space in the string "1 2" so that it becomes "12") is typically not accepted. The safest way to get accepted is to follow the output format exactly.
- For problems with floating point output, we only require that your output is correct up to some error tolerance. For example, if the problem requires the output to be within either absolute or relative error of 10^{-4}, this means that
    - If the correct answer is 0.05, any answer between 0.0499 and .0501 will be accepted.
    - If the correct answer is 500, any answer between 499.95 and 500.05 will be accepted.

  Any reasonable format for floating point numbers is acceptable. For instance, "17.000000", "0.17e2", and "17" are all acceptable ways of formatting the number 17. For the definition of reasonable, please use your common sense.

Problem A
Mirror image of the Genomes

Time Limit: 3 seconds
Memory Limit: 1024 Megabytes

Problem description

The software, which is used to extract the genome strings from checked sample in Nam's Center, is developed in the northern of Mexico. On the other hand, the comparison and analysis software in the center of Bac is created by developers in southern of Mongolia. When Bac received the genomes data from Nam and decrypted successfully, he put the data into the anlysis software but he got wrong result. He had spent hours to investigate the reason, then he found that the problem come from the wrong direction of the input data string. It must be in the opposite direction with the one Nam sent. Bac needs your support to create a program to convert his data to the correct order string before inputing it to the analysis software. Help him!

Input:

N – number of genome strings in the received data ($0 < N < 1000$)

Next N lines are genome strings which is required to mirroring ($0 <$ size of genome string ≤ 255).

Output:

N lines are mirrored genome strings from the input.

Example 1:

Input
2 ahsdfhakhdfjkasdfShskdfasdfahkjasdfksEdhfkasfajshjkdfashdkfMhdakdsfafahskdfksaNjfls ahsdfhakhdfjkasdfShskdfasdfahkjasdfksEdhfkasfajshjkdfashdkfMhdakdsfafahskdfksaNjfls
Output
slfjNaskfdkshafafsdkadhMfkdhsafdkjhsjafsakfhdEskfdsajkhafdsafdkshSfdsakjfdhkahfdsha slfjNaskfdkshafafsdkadhMfkdhsafdkjhsjafsakfhdEskfdsajkhafdsafdkshSfdsakjfdhkahfdsha

Example 2:

Input
2 djalfjsldjafsdfjlajsdfljaslkdfjlajdflkjalsdfjlasjdflkxzvzxcvzxcvdrqrwetqwsda djalfjsldjafsdfjlajsdfljaslkdfjlajdflkjalsdfjlasjdflkxzvzxcvzxcvdrqrwetqwsda
Output
adswqtewrqrdvcxzvcxzvzxklfdjsaljfdslajklfdjaljfdklsajlfdsjaljfdsfajdlsjflajd adswqtewrqrdvcxzvcxzvzxklfdjsaljfdslajklfdjaljfdklsajlfdsjaljfdsfajdlsjflajd