Java → Implementation of basic algorithms → Topological sort

Topological sort → **Alphabet**

Hard (9 2 minutes ?

10 users solved this problem. Latest completion was **3 days ago**.

Code Challenge — Write a program

There is a made-up language. Determine the alphabetic order of its letters using lexicographically ordered words from the language. It is guaranteed that such order exists and is unambiguous.

Input: number n in the first line is the number of words from the language, ordered lexicographically. Next n lines contain those words. The length of each word is no greater than 20 characters.

Output: print the alphabet of the language without spaces. There's only one correct output.

Sample Input 1:

bac db

5

dbc

dba caab

Sample Output 1:

bdca

Code Editor IDE

- ✓ IDE is responding IntelliJ IDEA 2019.3.3
- ✓ EduTools plugin is responding 3.5-2019.3-4422



Wrong, but keep on trying and never give up! Tough problem! You can postpone it now and return to it later with a fresh perspective. You'll get another problem now and will still be able to complete the topic. **Install an IDE** to get access to powerful debugging tools which let you examine your solution step by step. **1 code style error**

Failed test #3 of 5. Wrong answer

What is a test and why don't we always show it?

Download the failed test #3 again One test is free or

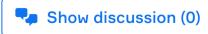
One test is free once a day, more tests for hypercoins.

The failed test has been downloaded.

- Code snippets from theory

Postpone problem

Time limit: 8 seconds Memory limit: 256 MB



https://hyperskill.org/learn/step/6453