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Assignment 2: Ordered Word Ladder

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Specification

Make Submission

Check Submission

Collect Submission

Changes to the Specification

24 Jul	words that are duplicates should be ignored (words may appear just once in any owl)
31 Jul	if there is more than one maximum owl, the list of owls must also be in alphabetic order

Assignment 2: Ordered Word Ladders

An *ordered word ladder* ('owl') is an alphabetically-ordered sequence of words where each word in the sequence differs from its predecessor by one action:

- 1. changing one letter, e.g. $barn \rightarrow born$
- 2. adding or removing one letter, e.g. band \rightarrow brand and bran \rightarrow ran

The following are examples of word ladders of different length:

- $ban \rightarrow bar \rightarrow boar \rightarrow boat \rightarrow goat$, length 5
- $an \rightarrow can \rightarrow cane \rightarrow dane \rightarrow date \rightarrow mate \rightarrow mite \rightarrow site \rightarrow size$, length 9

Phase 1

At the heart of the assignment is a function that compares 2 arbitrary null-terminated Resource created 2 months ago (Friday 12 July 2019, 09:42:14 PM), last modified 19 days ago (Saturday 10 August 2019, 10:50:16 AM).

website: https://wiki.cse.unsw.edu.au/cs9024cgi/19T2/Assignment2 (https://wiki.cse.unsw.edu.au/cs9024cgi/19T2/Assignment2)

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