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| --- | --- | --- |
| **Input** | **Process** | **Output** |
| **When instantiating a wordLadderSolver**: 5-letter word dictionary text file | Populates an ArrayList of strings (words) to use as a reference to check against and generate words from. | -none- |
| **When calling computeLadder:** Starting word, ending word, and starting letter position of a possible word ladder | Determines if there exists a word ladder between the two words. Also checks for valid input – the words need to be legal 5-letter words. | * Word ladder, if there is one * “No word ladder exists”, if there is no word ladder * Message detailing the error, if the input was invalid. |