

Assignment 4 Driver Pseudocode

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Create a wordLadderSolver object & instantiate graph/dictionary from  
command line or display error message for dictionary file not found  
Create Scanner to read in input file, or display error message for file not found  
While there is another line of input to the "pairs" input file  
    add the line of input to a list (Array list)  
for each line of input in array list  
    split input into two words  
    check if words are of correct length & in dictionary  
        if either condition is false  
            display error message and move to next input line  
        else words are in dictionary and are 5 letters each  
            compute the ladder for the words  
            validate the ladder for the words  
            if the ladder is empty (No such ladder)  
                display error and move to next one  
            if ladder is not valid (not an actual ladder)  
                display error and move to next input line  
            display word ladder by this point since it's valid  
end for  
close scanner
```