README

Assignment #3: Dynamic Data structures (linked lists)

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I compile my program using a make file and the e -Wall -std=c99 flags. To run the program initial type “make” to crate the output then use the command “./output” to run it. A limitation of this program are the defined sizes for tweets and usernames being 141 and 51 respectively. Furthermore, the max size of a file name is 150. Future improvement to the program will be done using Valgrind to ensure no memory leaks.

**Creating a Tweet:** User inputs username and tweet. ID calculated based on ascii values of username plus the length of the tweet.

**Displaying Tweets:** Displays all tweets to the user in the formation ID : USERNAME : TEXT

**Searching Tweets:** User enters a keywords and tweets are scanned. Those that contain it are printed to the user

**Counting Stop Words:** Counts stop words across all tweets. Stop words defined as:

"a","an","and","are","as","at","be","by","for","from","has","he","in","is","it","its", "of","on","that","the","to","was","were","will","with"

**Deleting a Tweet:** User is told the number of tweets and selects which tweet they wants to delete

**Save Tweets to File:** Prompts user for filename creating that file if it doesn’t exist

**Load Tweets from File:** Takes in filename and loads data from a CSV file

**Token Compare:** Used in Counting Stop Words, takes in token if it is a stopping word returns one