Program 7 Algorithm

* 1. Display options
     1. (1) Get sentiment for all words in a file
     2. (2) Quit
        1. If user enters input other than 1 or 2 warn user and return to step 1
        2. If user enters 1, skip to step 2
        3. If user enters 2, skip to step 3
  2. If 1 is chosen, ask for word list file name
     1. If file name not found, warn user and return to step 2
     2. If file name is found,
        1. Open moviereviews.txt
        2. Open word list file
        3. Search through lines of moviereviews.txt for words in word list
           1. Create a dictionary for each word with the word being the key, and the scores being the values
           2. Calculate the average score and standard deviation of each word and store in new dictionary which has the word as the key and average score and standard deviation as values
        4. Close moviereviews.txt
        5. Close word list file
        6. Display sort options menu
           1. (1) Sort by average ascending

Print out results by averages low to high

* + - * 1. (2) Sort by average descending

Print out results by averages high to low

* + - * 1. (3) Sort by standard deviation ascending

Print out results by standard deviations low to high

* + - * 1. (4) Sort by standard deviation descending

Print out results by standard deviations high to low

* + - 1. Return to step one
  1. Quit program