Lab 7: File I/O and arguments

OBJECTIVES:

At the end of this lab students will be able to:

- Use File input correctly
- Use command line arguments correctly.

PROBLEM STATEMENT

Use GitHub and Cloud 9 to complete a review programming assignment. Complete the following tasks:

1. Copy and paste the starter code into a new file in your Cloud9 IDE workspace. Don't forget the unit test and header files.
2. (4 points each) Complete the following functions as described in the comments in the .h file
    a. processFile
    b. processArguments
3. (2 points) Update your makefile to compile the program and run the unit tests. You will have two test programs. Lab7test and lab8test
4. When you are finished, be sure to synchronize your Cloud9 workspace with GitHub. http://foobt.net/fall2015/csci21_2977/files/guide-github-cloud9.html
5. Post to the assignment in Blackboard, the following:
    a. Attach: Copy your code into separate text files and zip them together.
    b. Attach: Screenshot of your program running and showing that it works
    c. Comment: a link to your Cloud9 IDE workspace AND a link to GitHub repository

GRADING

10 points

Deductions to your score will be assessed for any of the following:

- code, such as output statements, not explicitly required by the challenge -- 10% deduction
- bad programming style (choice of variable names, source code formatting) -- 10% deduction
- submitting code that does not compile -- automatic zero (0) on the challenge
- warnings – 30% deduction
- not completing one of the instructions -1 point