Data Structures HW1

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Instructions to run the program:

In order to run the program, you must have already downloaded the text files – "MobyDick.txt" and "PeterPan.txt" into the same directory as where your program is placed that has all the information and text you would like. You then debug the program and enter the name of the text file when asked. When asked what file you would like to run the program on make sure to include .txt. For example, if the name of the text file is MobyDick, enter MobyDick.txt.

Contributions:

Rohan worked on creating a function that was able to determine and display the frequency of the letter in the text file, while Shashwat worked on reading the text from the text file and created a function that was able to determine the desired values such as the word count and line count.

We then worked on the other parts of the program together such as outputting an error message if file was not found or if it didn't exist and asking the user if they wish to process another text file in the end.

The team worked together to find a way to refine the program to a point where it was able to consistently output the correct values and then upload it to or create and upload the data to the catalog text file as mentioned in the requirements. We used the append mode to access the catalog file so that if the file did not exist, would be created and if it already existed then the data would be added.

 Each member contributed evenly on this homework. So each member should receive equal portions of the grade (50/50)