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**Program 1 Write-Up**

This program will read from a file or string using the Client/Server model . It will send the information to a server via named pipes for processing. The server will detect if a given token is a file or string and print statistics to the command line it shall print a frequency per line, overall occurrence of a given token, and the line upon which the token has occurred. The program is able to exit via the command line by issuing the command Server-EOF the case of this particular token does not matter. In formation is only sent via named pipes. When the user enters text, the program checks to see if the text entered is a file by looking through the file system to determine if the file exists. If the file is not found the program shall assume that the entered text is a string and the appropriate statistics are outputted to the terminal. Issue the command ‘make’ to compile all necessary files and run the program.