Writeup - Assignment 0

Derrick DeBose

   The difference between handling files and standard input is the file descriptor used in the first argument of the read() function. When a file is opened, the open function will return the file descriptor for that specific file which is passed into the read() function. For this Assignment 0, all the files opened will have the file descriptor 3 because before the next file is opened, the open file will be closed. When we are reading standard input the file descriptor used is predefined name, STDIN_FILENO which is just the number 0. There are 3 predefined file descriptors: 0-STDIN, 1-STDOUT, 2-STDERR. This standard input use is the concept of a macro, using a predefined process in the library.