NAME

     fileSort.c

     This program is meant to either alphabetically or numerically sort a file chosen by the user.

SYNOPSIS

     This program accepts 3 commands, the name of the file, the type of sorting algorithm, and the text file that needs to be sorted. An example is below:

     ./fileSort -i test.txt

     The first command should be the name of the executable file which should be fileSort. The second command can be either -i or -q for the use to choose between insertion sort (-i) or quick sort (-q). The last command is the name of the file the user wants to sort. In the case above this is test.txt.

DESCRIPTION

     This program sorts the chosen file of the user. The user can sort the file using insertion sort with -i or quicksort with -q. The text file can contain all chars of all letters separated by commas or all digits separated by commas. The whitespace is ignored, while repeated commas and files that begin with an initial comma are stored as empty tokens. These empty tokens are displayed as blanks for a file containing letters and as 0 for a file containing digits. If the file contains chars it's output is displayed in alphabetical order, with the blanks(empty tokens at the start), while the file of ints is displayed in ascending numerical order.