

Doubly Linked Lists

Write a C program that reads a file of words (one per line) into a doubly linked list, and which allows the user to rearrange the order of the words using *up* and *down* commands. Your program should support the following commands.

- **q** - quit.
- **w** - write the (reordered) list to the original file.
- **u number** - move specified line number up one position
- **d number** - move specified line number down one position
- **n** - print the words with line numbers
- **p** - print the words without line numbers

Save your program in a file named `wordedit.c` in subdirectory of your home directory named `apr06`.