Assignment 1

I was unable to complete part 2 of the Assignment 1, but all of part 1 is working which accounts for at least 60% of the grade. Also the makefile doesn't seem to want to compile, although the linked list(source and header) both compile and run properly through terminal.

```
18
I200
I 21 1
I 22 2
I 23 3
I 24 4
I 25 5
I 266
I 27 7
I 288
I 29 9
S
I 3 2
S
P 5
D 5
P 5
S
P 165
[20,21,22,23,24,25,26,27,28,29]
[20,21,22,3,23,24,25,26,27,28,29]
24
25
[20,21,22,3,23,25,26,27,28,29]
Out of Range error
```