

For this assignment only, I will allow you to work in groups. Please take advantage of this opportunity. You are encouraged to share ideas with each other. When you are done, you will upload the files to Canvas as an attachment.

This program focuses on implementing a single linked list. Turn in at least 2 files (classes). You are welcome to add additional classes as you see fit. I prefer three; a List Node, PhonebookManager, and a TestClass (with the main() method).

Note that you will not be using Java's LinkedList class but making your own.

The phone book node should contain at least first name, last name, address, city, and phone number fields in the phonebook node.

The phonebook manager will allow you to either add an entry at the beginning, at the end of the node, or at a particular index, as well as delete, and modify the fields (name, address, city, or phone #). Finally, you should be able to print out your list in a nice format.

Feel free to run any extra credit ideas by me that you may have. I love giving out extra credit.

```
1 - Add
2 - Delete
3 - View Contacts
4 - Name Search
5 - Address Search
6 - Phone Number Search
7 - Edit Name
8 - Edit Address
9 - Edit Phone Number
0 - Quit
```

```
Enter a command:
```