Hash Phone Assignment

- **Create a HashTable of PhoneEntry objects. A PhoneEntry consists of 2 String fields: name and number.**
- **Use an ordered <u>linkedList</u> of PhoneEntry objects for elements in your table**
- **Use data from phone.txt.**

Class PhoneBook

Constructor Summary

PhoneBook()	
PhoneBook(int numSlots)	

Method Summary

void	**add**(java.lang.Object obj) Inserts Object into HashTable
void	**display**() Displays contents of HashTable
int	**getCapacity**() Returns # of buckets in table
int	**getSize**() Returns # of Objects in PhoneBook
void	**load**() Reads data from text file. Builds the Hash Table
int	getNumberOfNulls() Returns the number of null buckets
int	getLongestList() Returns the size of the longest list
java.lang.String	**lookup**(String lookfor) Look up a phone number of an inputted name as a String (lookfor) return phone number as a string.
boolean	changeNumber(String lookfor, String newNumb) change the phone number of an inputted name. Return true if found else return false.