**ReadFile**

Create a linked list from an input file (input.txt) that contains an even number of first names. The number of items in the file is unknown.

**Split**

Create a split function that divides the newly created linked list into two equal sublists: myList1 and myList2. For example, originally you would point to (John, Jack, Jill, Jim). After the split, **myList1** would point to john and jack and **myList2** would point to jill and Jim.

**Traverse**

Displays the contents of the list

**Merge**

Merges then split list into a single lit

**Hint:**

You need to define 3 classes for this assignment

Class Node{

//Instance variables and methods only. Nothing should be static.

//Need getter and setter methods

}

Class LinkedList{

//Instance variables and methods only. Nothing should be static.

//Need getter and setter methods

}

Class Driver{

Public static void main (String[] args){ }

}

The call to the split method should look something like this

LinkedList myList1=new LinkedList();

LinkedList myList2= myList1.split();

The call to the merge method should look like this

myList1.merge(myList2); //myList1 will be the only list