Sheet 4 -Exercise on Linked Lists

1. ***(Concatenating Lists)*** Write a program that concatenates two linked list objects of characters. Class ListConcatenate should include a static method concatenate that takes references to both list objects as arguments and concatenates the second list to the first list.
2. ***(Inserting into an Ordered List)*** Write a program that inserts 25 random integers from 0 to 100 in order into an ordered linked-list.
3. ***(Merging Ordered Lists)*** A merge method that receives two Sorted List objects as arguments, merge them into one SortedList. Write a java application to test method merge.
4. ***(Copying a List Backward)*** Write a static method reverseCopy that receives a Linked List T as an argument and returns a copy of that with its elements reversed. Test this method in an application program.
5. ***(Printing a Sentence in Reverse Using a Stack)*** Using linked lists, Write a program that inputs a line of text and uses a stack to display the words of the line in reverse order.