**Lab 4**

Lab 4 has two parts.    
  
1. Lab 6-1.pdf  
Answer only the two questions on page 2.  No need to write code.  Just type the answers in a text file.  You are of course welcome to verify your answers using code.  
  
2. Lab 6-2 is described below:  
(i)  Given the English wordlist read all the words into an ArrayList of appropriate type.  
(ii) Count the number of words using Arraylist methods. Print the number of words  
(iii) Count the number of duplicate words in the array list, and print the count.  
(iv) Time the code for steps (ii) and (iii).  using System.currentTimeMillis()  
(v) Do steps (i) through (iv) using LinkedList.  The code shouldn't require too many changes.  Make a separate file for this data structure.    
(vi) Comment on the time taken by both data structures.