Streams-Assignments

1. Create a java application that creates class called SortedDirList with a constructor that takes a File object and builds a sorted directory list from the files at that File. Add to this class two overloaded list () methods: the first produces the whole list, and the second produces the subset of the list that matches its argument (which is a regular expression).--partial
2. Create java application that open a text file so that you can read the file one line at a time. Read each line as a String and place that String object into a Linked List. Print all of the lines in the Linked List in reverse order. Force all the lines in the Linked List to uppercase and send the results to System. Out. --done
3. Write a Java application to find the longest word in a text file.---done
4. Write a java application that read the input file, line by line, and count the occurrences of the word “the” in each line. ---partially
5. Write MyClassToBePersisted.java, which contains the following properties Profile field, which has the following fields String name , int age ,String hobby ,School field, which has the following fields String nameOfSchool int yearStarted (this is transient field) Write SerializeMyClassToBePersisted.java which creates an instance of MyClassToBePersisted class and serialize it into a file in its main method. Write DeserializeMyClassToBePersisted.java which read the serialized file and deserialize it into instance of MyClassToBePersisted class in its main method.-----done
6. A Bank keeps a file of customers in which each record has the format:
   * + - customerID: long
       - customerName: String
       - customerAddress: String
       - customerAge:int
       - customerDate: Date format(dd-mm-yyyy)

Write a program to read the file and print a list of all customers whose age is below 25 and address Hyderabad.---done