IT5512- WEB TECHNOLOGY LAB-SESSION-8

DATE: 12/10/22 FN

INPUT AND OUTPUT MANIPULATION ON FILES, SERIALIZATION

1. Write a java program using byte streams to read a text file and makes an alphabetical list of all the words in that file. Those list of words is written to another file. Improve the program so that it also keeps track of the number of times that each word occurs in the file. Two lists should be displayed in the output file. The first list contains the words in alphabetical order. The number of times that the word occurred in the file should be listed along with the word. Then write a second list to the output file in which the words are sorted according to the number of times that they occurred in the files. The word that occurred most often should be listed first.

2. Write a java program to have country class and serialize country name and continent name to which the country belongs to. You don't want to serialize population attribute as it will change with time, so declare population as transient. Perform deserialization, Print country name, continent name and population of the country.

3. Write a Java program using character stream classes that copies one file content to another, replacing all lower characters by their upper case equivalents.