CSC3202 Data Structures and Algorithms

ASSIGNMENT 4

Searching and Sorting

DATE: 29 December 2022

INSTRUCTIONS:

1. Submit the program listing with sample input and output via PutraBlast.
2. Submission dateline is 13 January 2023.
3. Copying or other forms of cheating is forbidden. The faculty has very strong rules about this and the standard penalty of first offence is to award 0 marks to all parties concerned.
4. Use Java to implement your solution.

QUESTION:

Write a program that reads a Java program from text file and performs the following tasks:

a. Display a list in alphabetical order of the unique Java keywords used in the program.
b. Repeat Part a, but add the number of times each keyword occurs in the program.
c. Repeat either Part a or Part b, but add the line number of each line that contains the keyword.