CSE2ALG / CSE5ALG Semester 1, 2020
Assignment Part 1 – Marking Sheet

Student Name: _____   Marking Date: _____

Student No.: _____   Total Mark: _____/100

The tutor is supposed to move **sample1.txt** and **sample2.txt** to the folder where program files are, and use the commands shown in **bold** below for marking.

If the student has any doubt the mark, he or she needs to contact the tutor for review **before the lab class ends**. If a dispute occurs, the tutor is to forward the case to the subject coordinator, who is to review the mark and make a decision.

The tutor **WILL NOT** accept any request of mark review **after the lab class ends**. The subject coordinator **WILL NOT** accept any request of mark review directly from a student.

The patterns shown in the table below are for **EXAMPLE ONLY**. They will **NOT** appear on the actual marking sheet.

Any use of the classes in the Java Collections Framework (except for ArrayList) will result in a **ZERO (0)** mark for the corresponding task.

	Task 1: LexiconTester.java	Mark	Max
		Mark	Max
1	The file contains a reasonable program.		5
2	The program is in good coding style and with adequate comments.		5
3	`javac LexiconTester.java` No error occurs when the program compiles.		5
4	`java LexiconTester` No error occurs when the program runs.		5
5	If the program runs, a text file named **sample3.txt** is generated.		5
6	Words are saved in the format requested in the instruction, i.e. `<word> <frequency> [<neighbour_1>, <neighbour_2>, …]`		5
7	Words and neighbours are ascendingly sorted. Each exception results in deduction of 1 mark, until 0 mark for this criterion.		5
8	Frequencies of word are calculated correctly. Each exception results in deduction of 1 mark, until 0 mark for this criterion.		5
9	Neighbours are selected correctly. Each exception results in deduction of 1 mark, until 0 mark for this criterion.		5
	Task 2: WordMatchTester.java		
10	The file contains a reasonable program.		5
11	The program is in good coding style and with adequate comments.		5
12	`javac WordMatchTester.java` No error occurs when the program compiles.		5
13	`java WordMatchTester <pattern>` Words matching `<pattern>` are shown in the format requested in the instruction, i.e. `<word> <frequency>`, while being ascendingly sorted and with correct frequencies. Each exception results in deduction of 1 mark, until 0 mark for this criterion. `<pattern>` here refers to a pattern with only ONE ?, e.g. `ma?`.		10
14	Similar to 13, but `<pattern>` here refers to a pattern with only ONE *, e.g. `ma*`.		10
15	Similar to 13, but `<pattern>` here refers to a pattern with ONE ? and ONE *, e.g. `?a*`.		10
16	Similar to 13, but `<pattern>` here refers to a pattern with multiple ? and/or *, e.g. `?a*t?`.		10
	Total		100