



School of Computer Science and Engineering

LAB - 6 and 7 Exercises

Course Code	:	CSE3025 - Large Scale Data Processing	Date	:	02/04/2021
Lab Experiment	:	MapReduce Programming Exercise on Word Count Problems	Slots	:	L11+L12
Instructors	:	Dr. Ramesh Ragala			

Objective:

1. To understand the detailed processing of MapReduce Framework

Problem- 1:

Develop a Java MapReduce Application to produce unique <key-value> pairs from given text file, where the key consists of a single word and value consists of the word which has all the characters of the corresponding key in reverse order.



Problem — 2:

Develop a Java MapReduce Application to produce unique <key-value> pairs from given text file, where the key consists of a single word and value contains length of the corresponding key.

Problem — 3:

Develop a Java MapReduce Application to produce the following results for any one of the attribute in a given CSV file. [Choose your CSV file and Assume that the CSV has more than two attributes and all these attributes have numerical values.]

1. Sum
2. Average
3. Median
4. Mode
5. Standard Deviation