Lab 3 – Map reduce algorithm

Algorithm changes :

Word Count example map reduce algorithm searches for all the keys and adds a value of 1 to it, irrespective of previous occurrence.

Current algorithm removes the need to reducer and computes the value dynamically by adding the value to the existing map key and sorts the map based on most number of occurrences.

Output is a sorted map with word and number of occurrences without the need of reducer.

Above algorithm is not suitable for hdfs. This is just an implementation of Mapreduce in java.