

CS3006 Parallel and Distributed Computing
Fall 2022
Week 15

Write an OpenMP/MPI program to implement MapReduce to find out the frequent itemsets from the following data. For an item/itemset to be frequent MinCount is ≥ 2 .

TransactionID	Item(s)
10	Eggs, Apple
20	Diaper, Milk
30	Soap, Toothpaste
40	Toothpaste, Mask
50	Eggs, Milk
60	Mask, Toothpaste
70	Diaper, Beer
80	Apple, Mask
90	Eggs, Apple
100	Banana, Honey