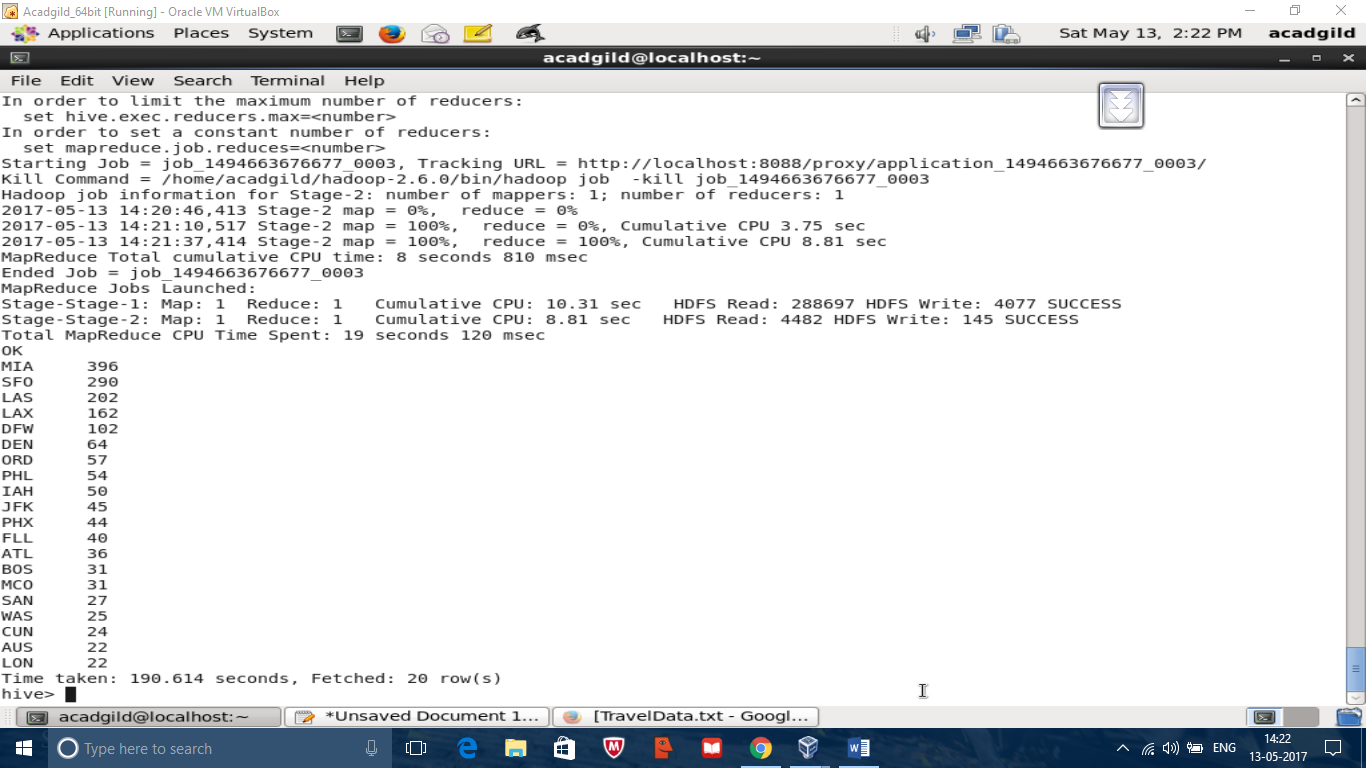
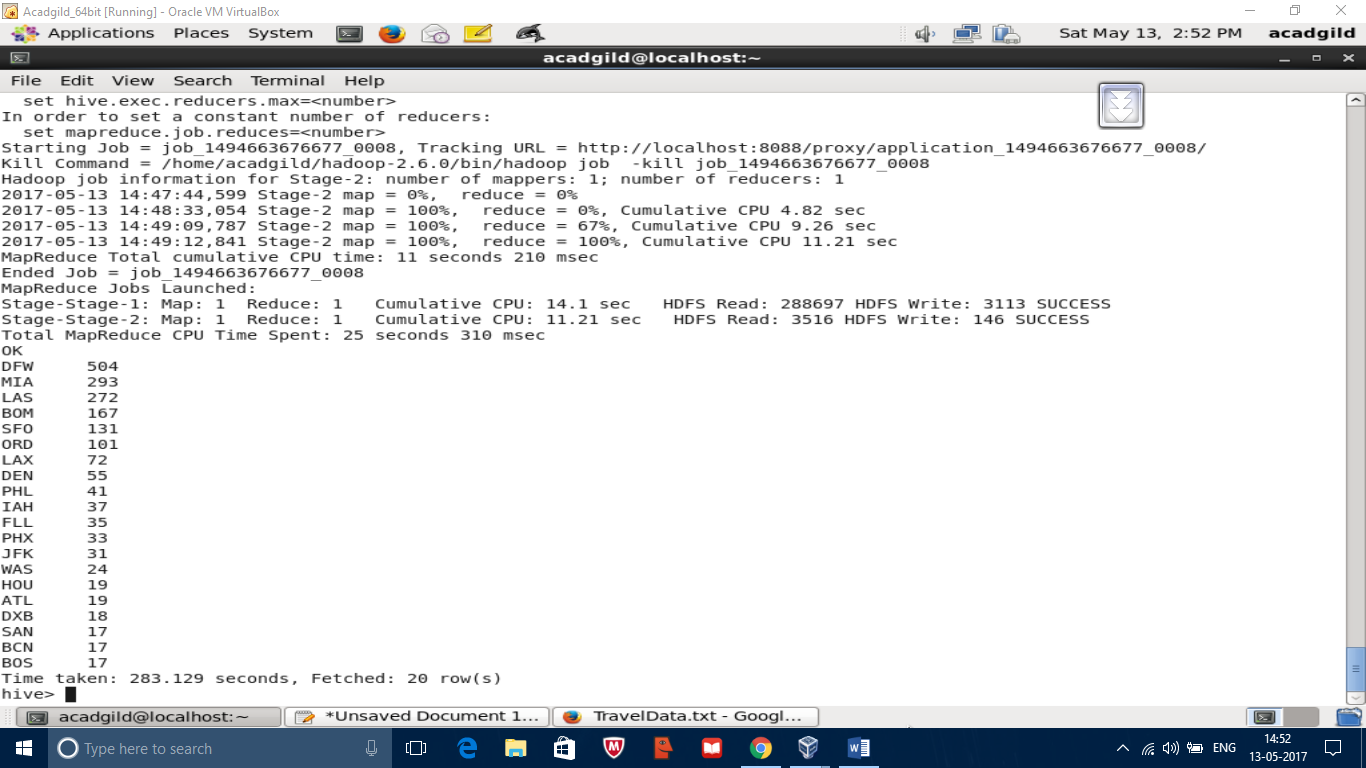
Problem 1

Output



Problem 2

Output



Code

