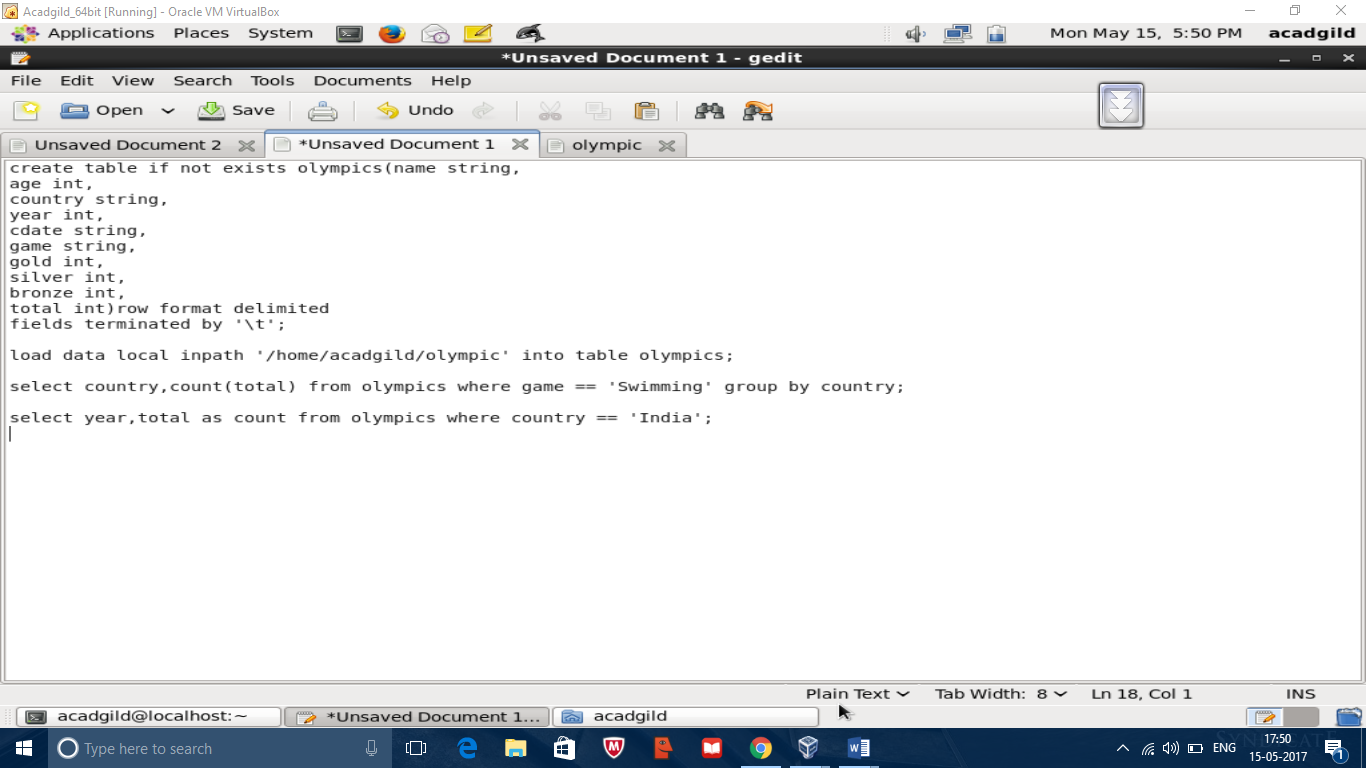
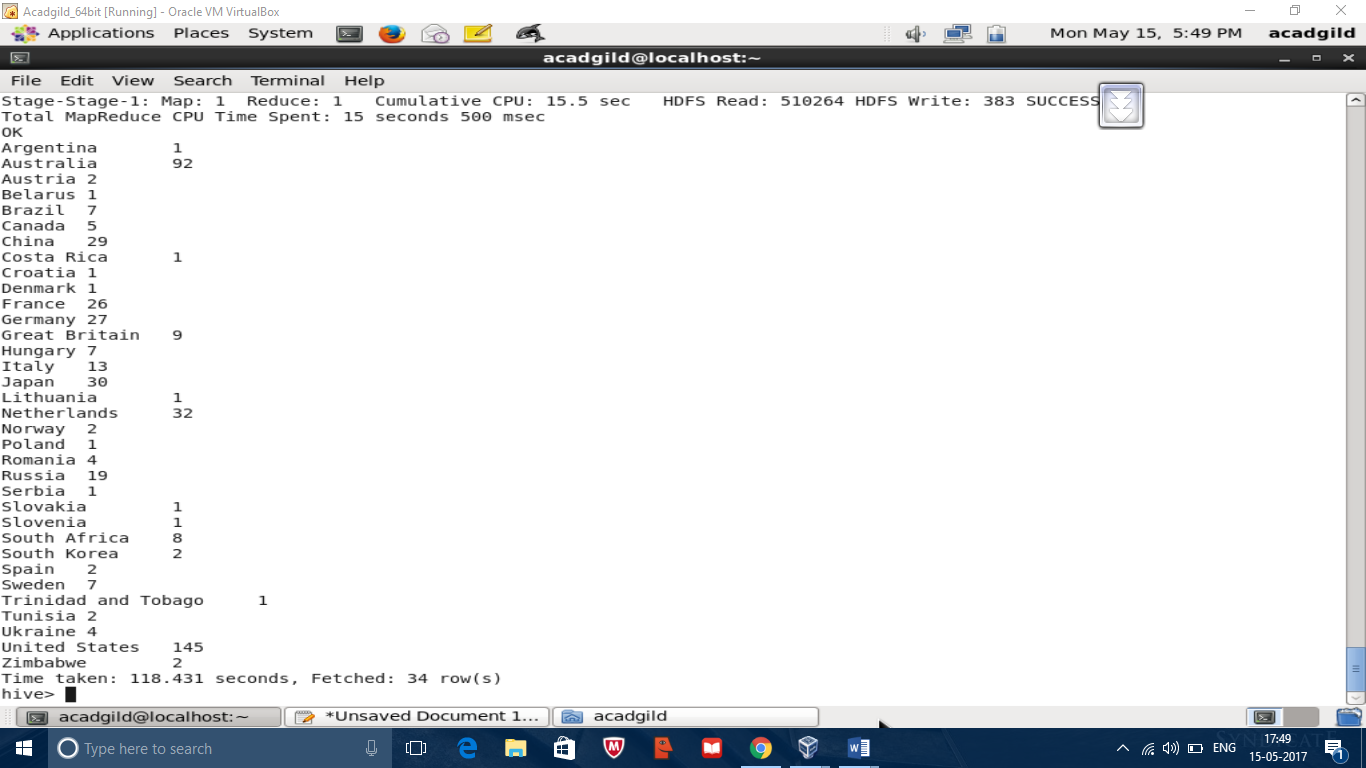
Code



Problem 1 output



Problem 2 output

