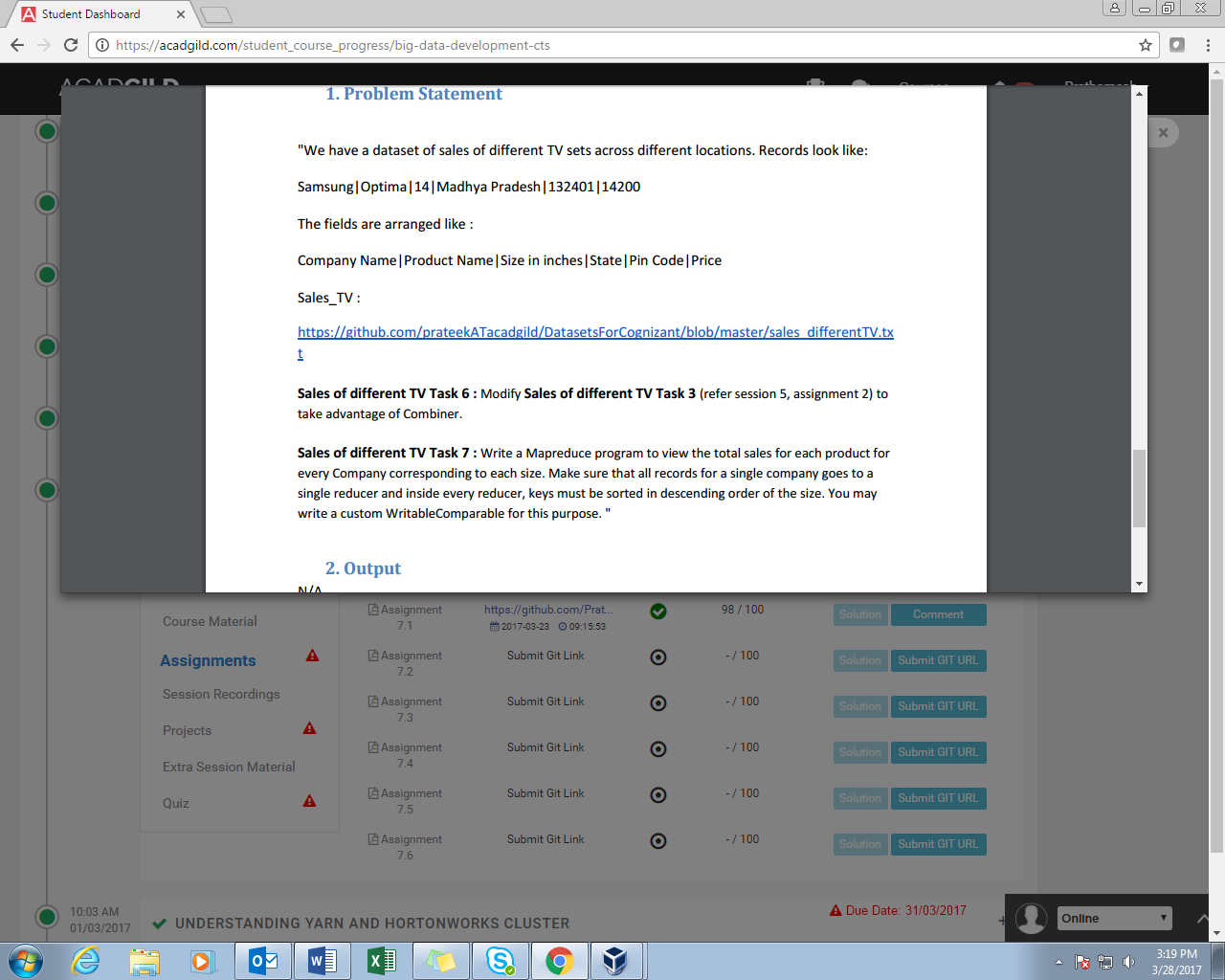
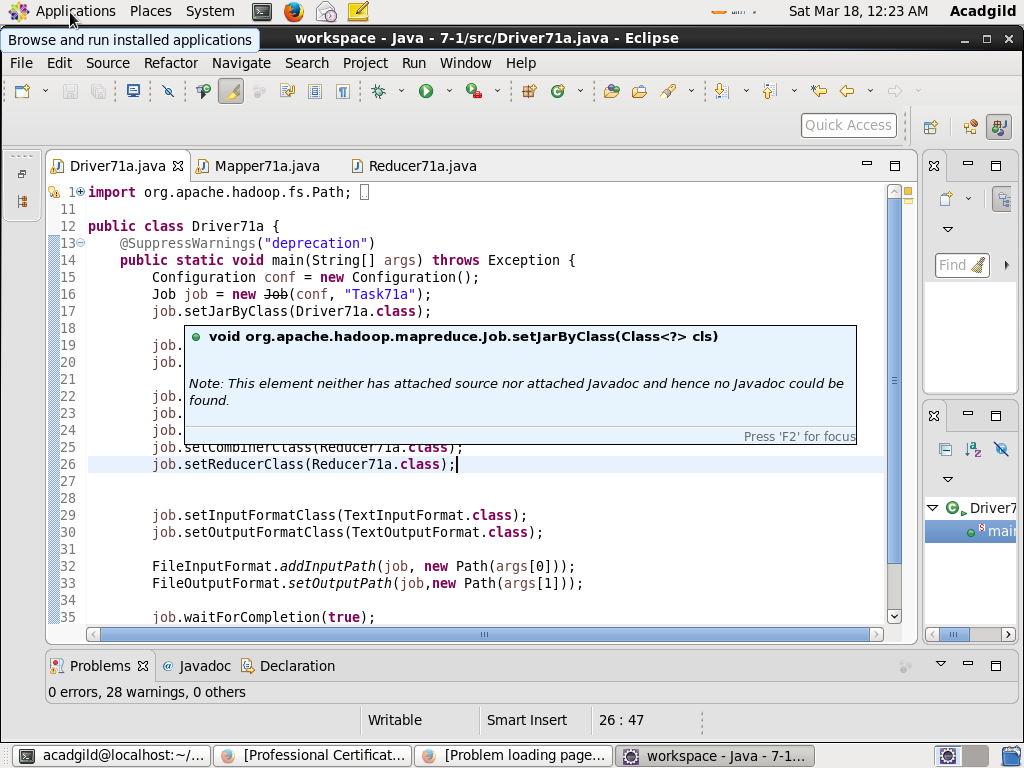
Problem Statement:

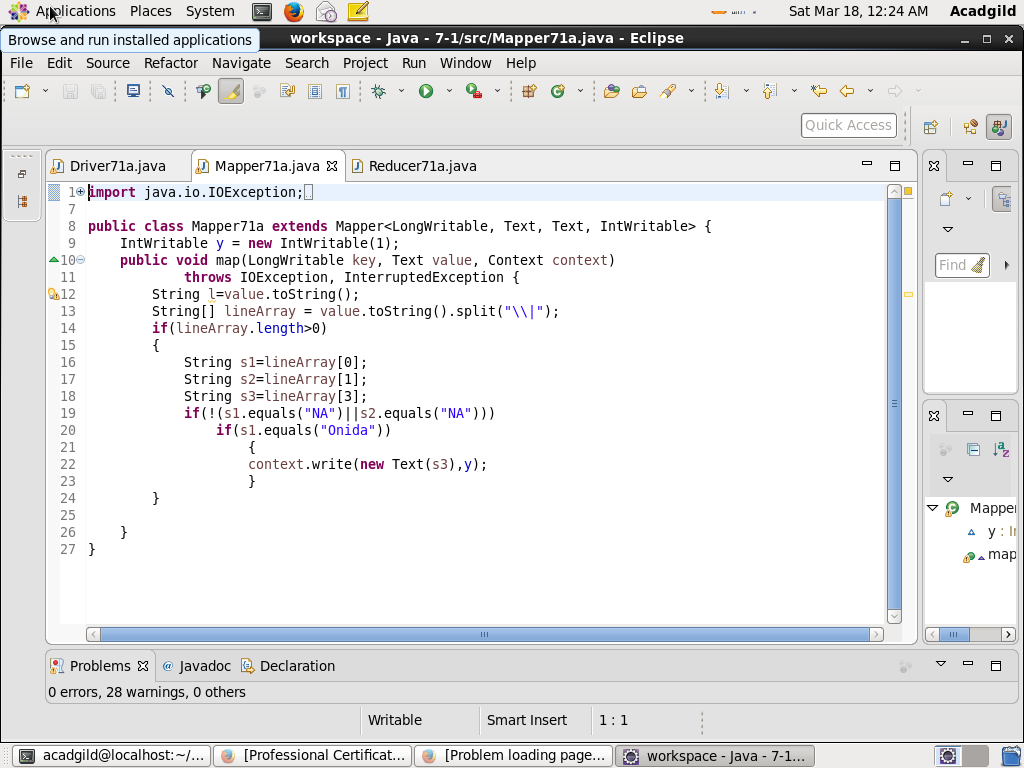


Task 6 Solution:

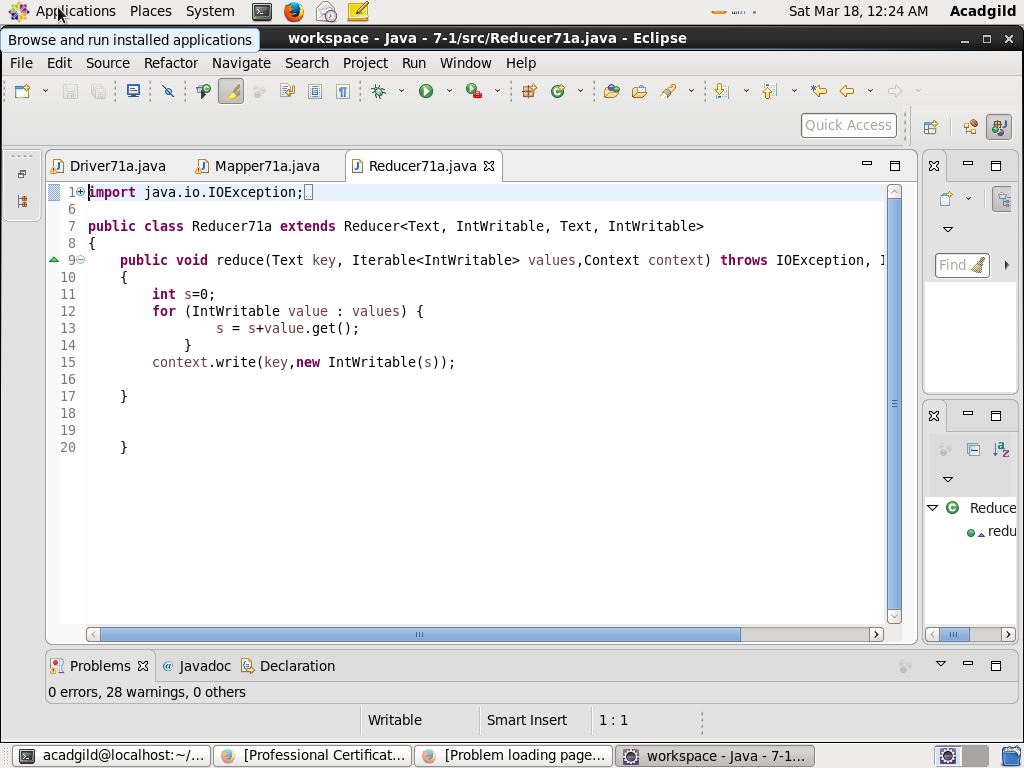
Driver class:



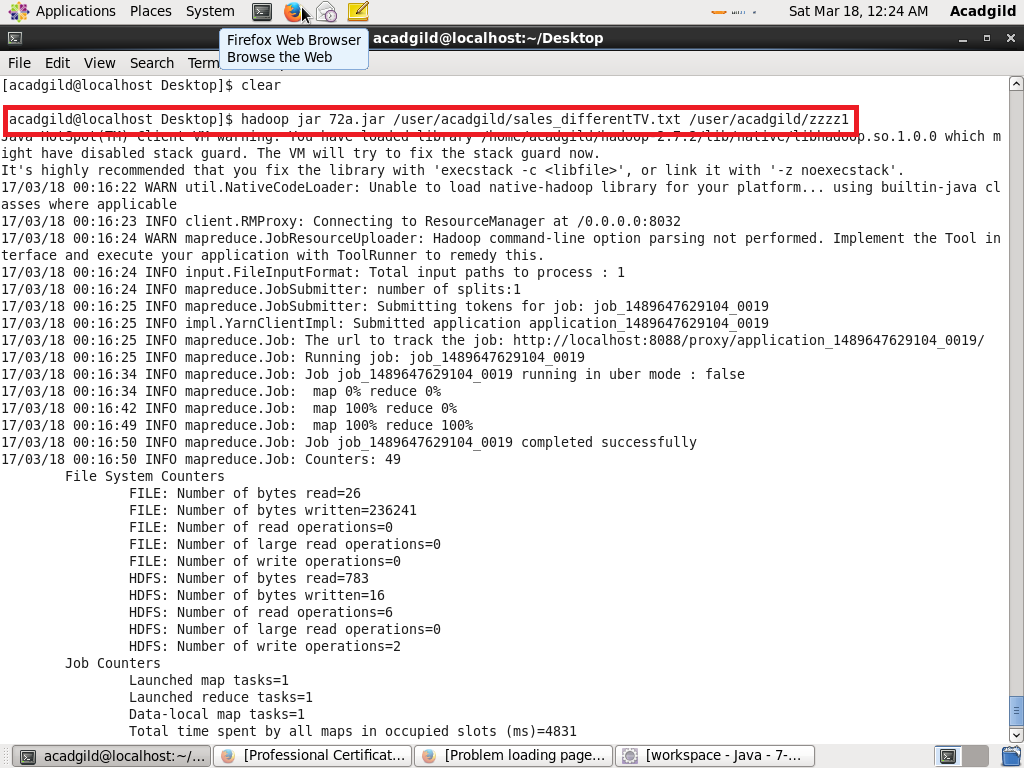
Mapper Class:

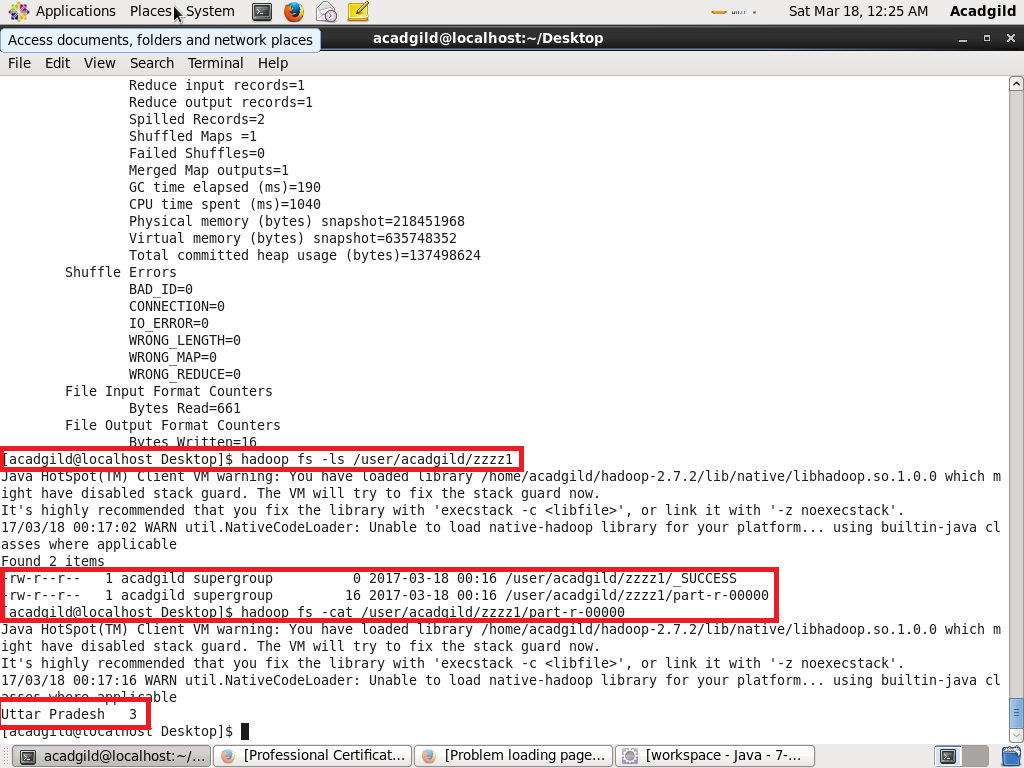


Reducer Class:



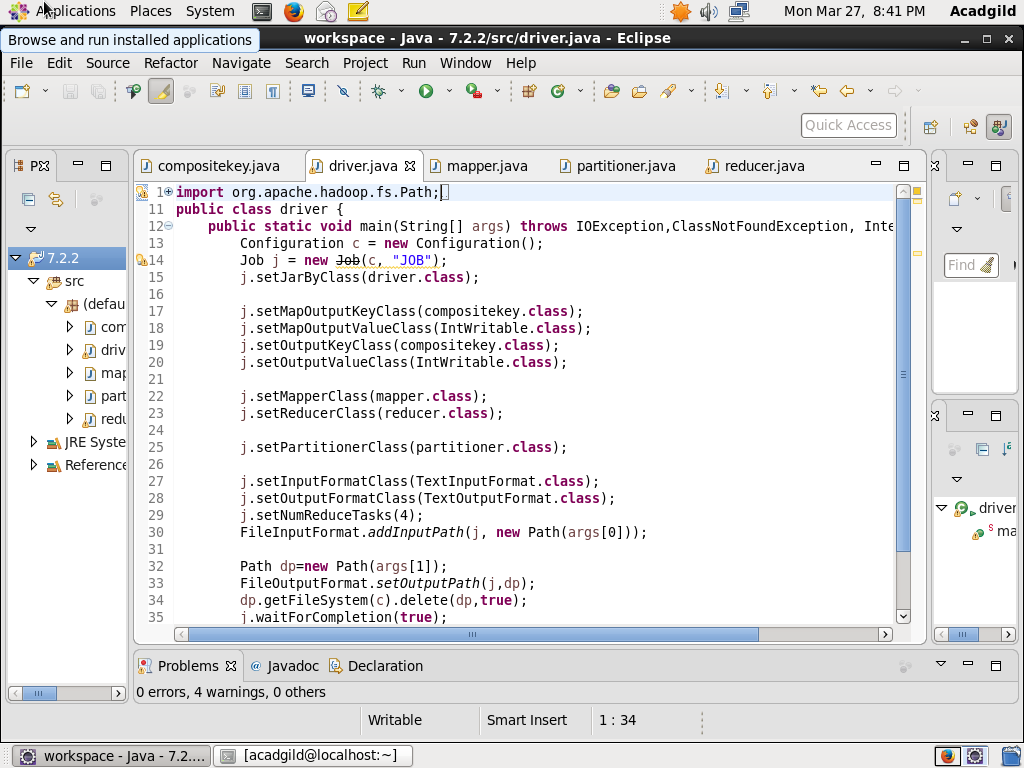
Output:



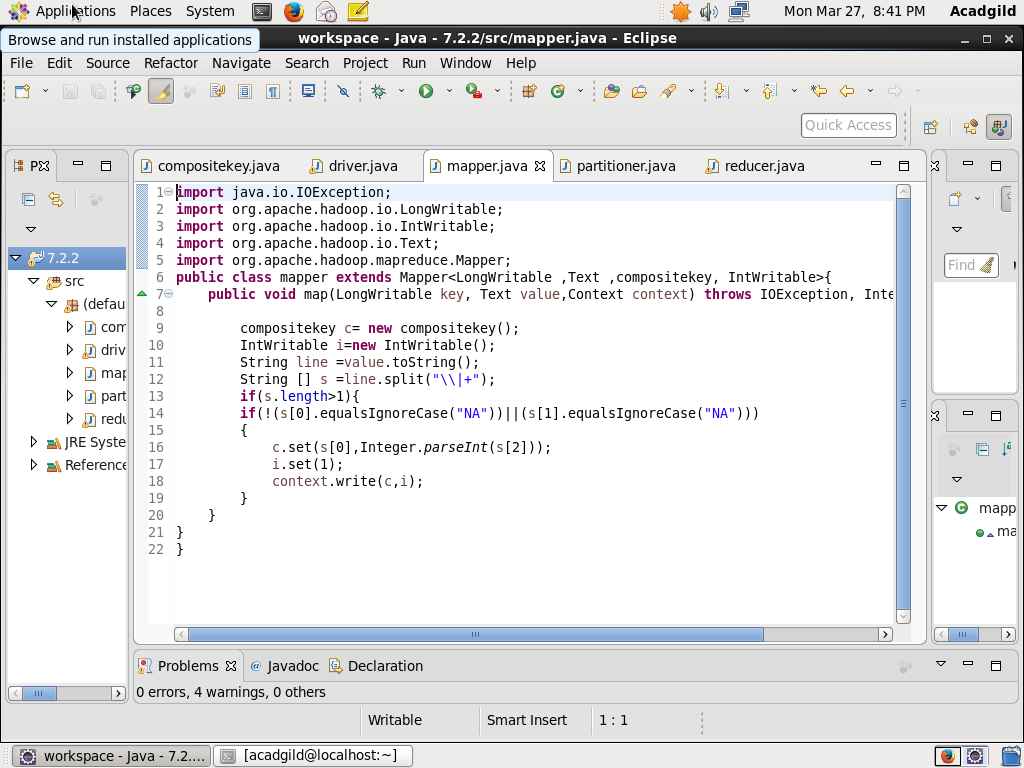


Task 7 Solution:

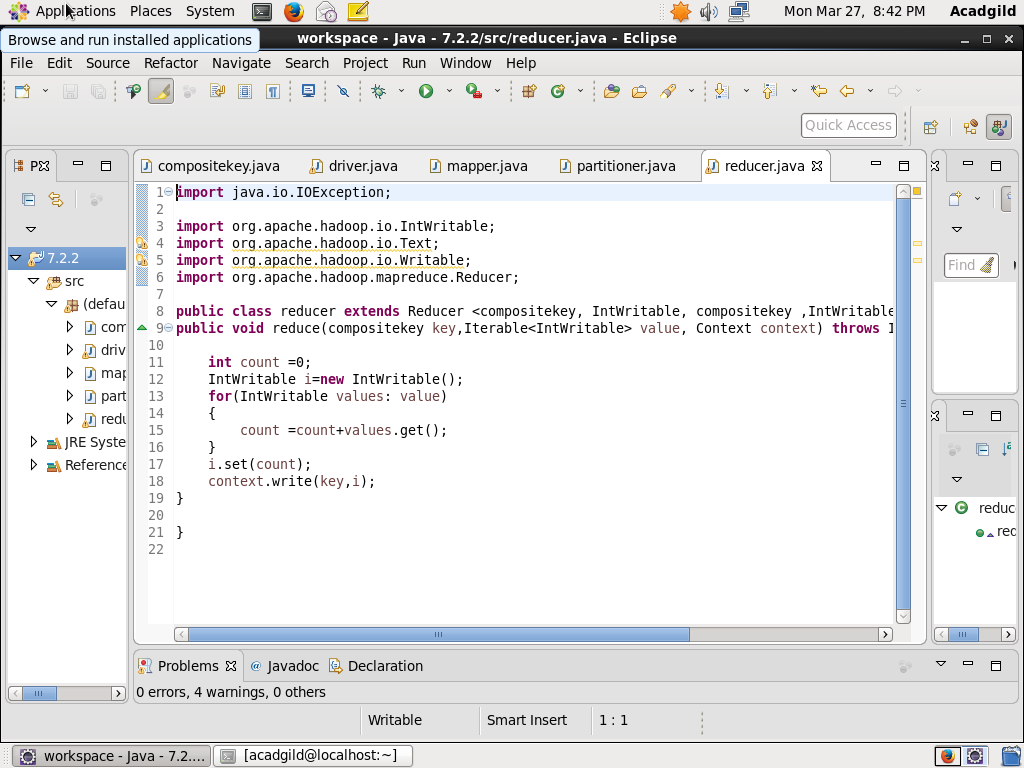
Driver class:



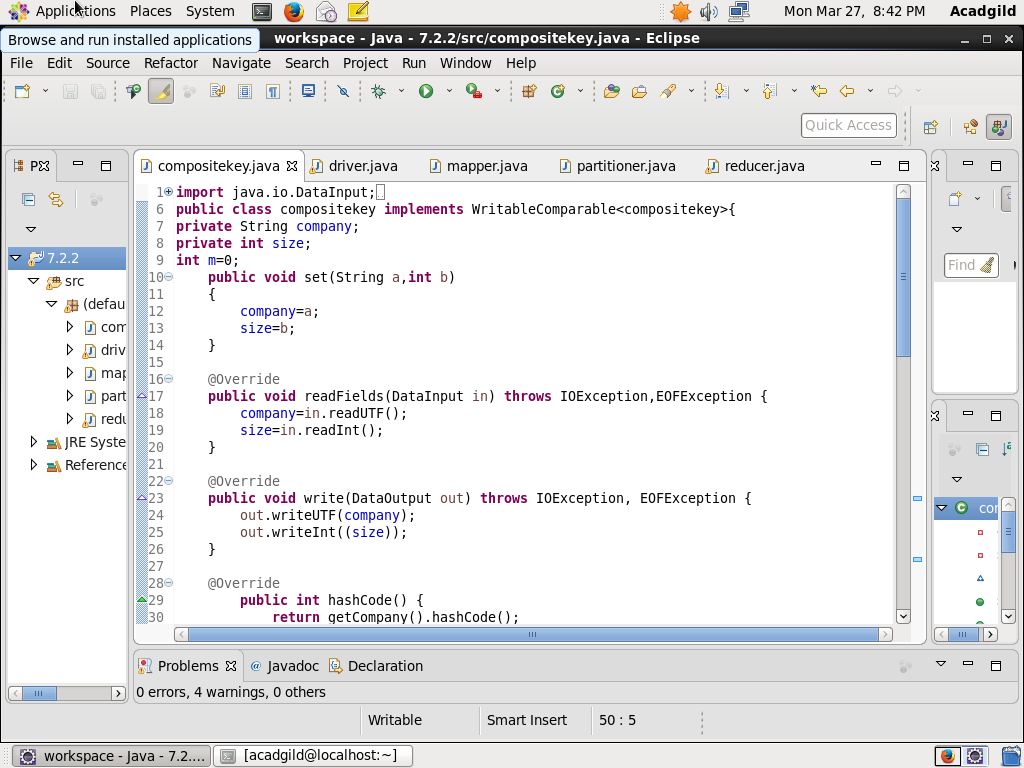
Mapper Class:

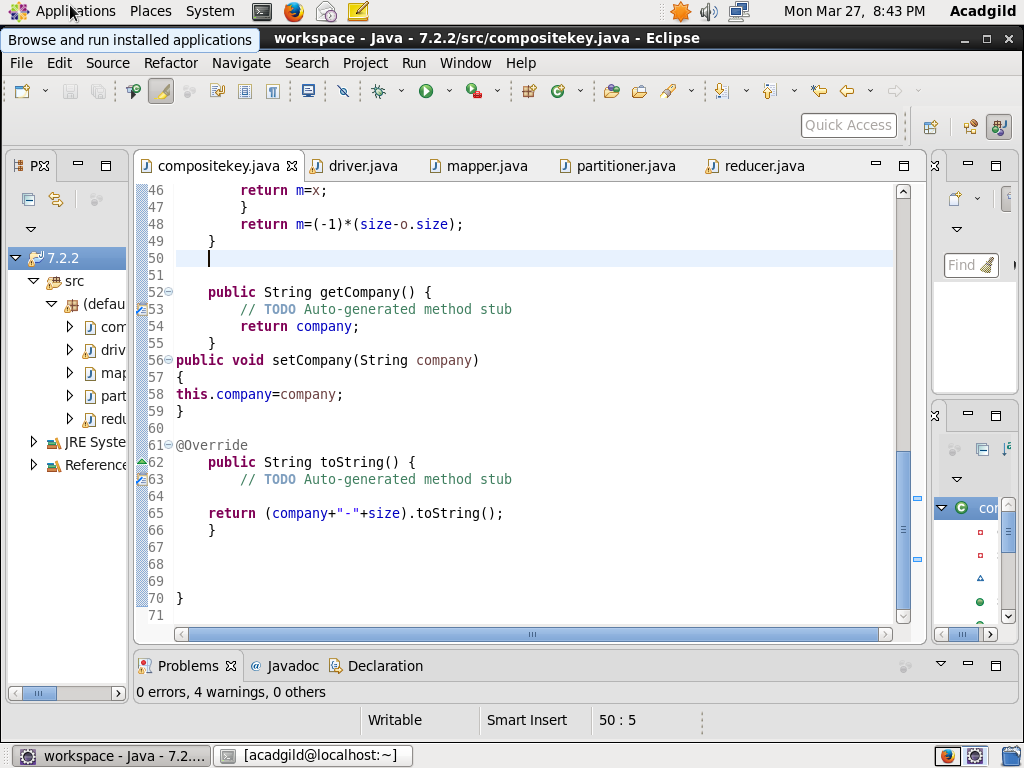
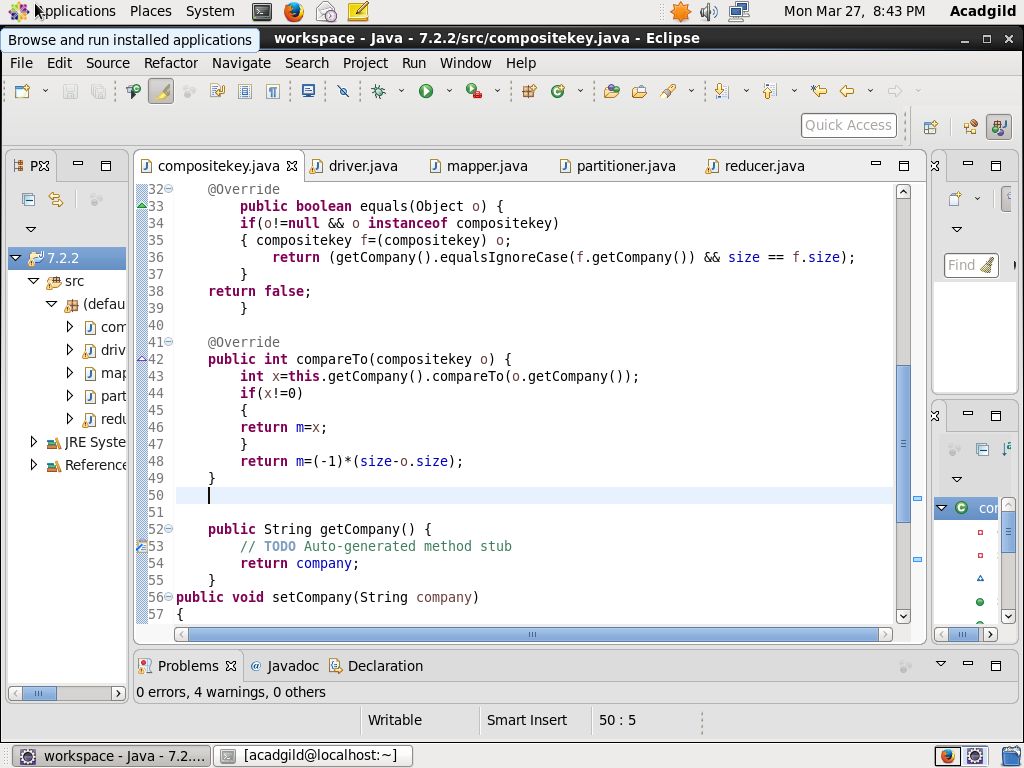


Reducer class:



Custom key class:





Output:

