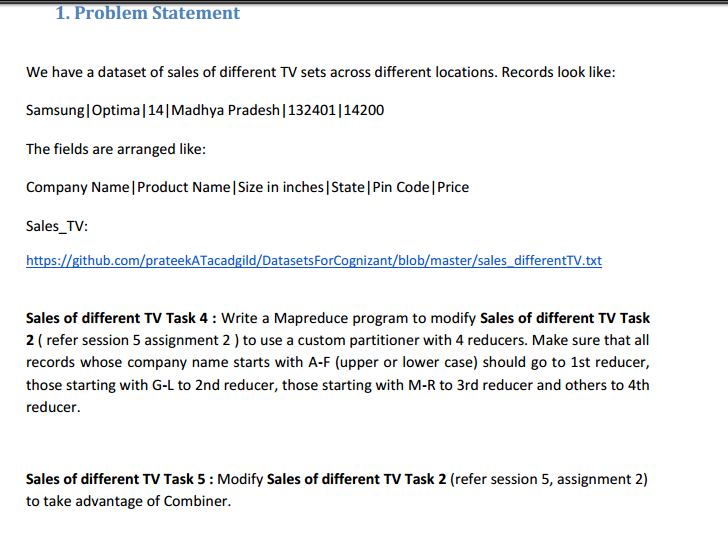
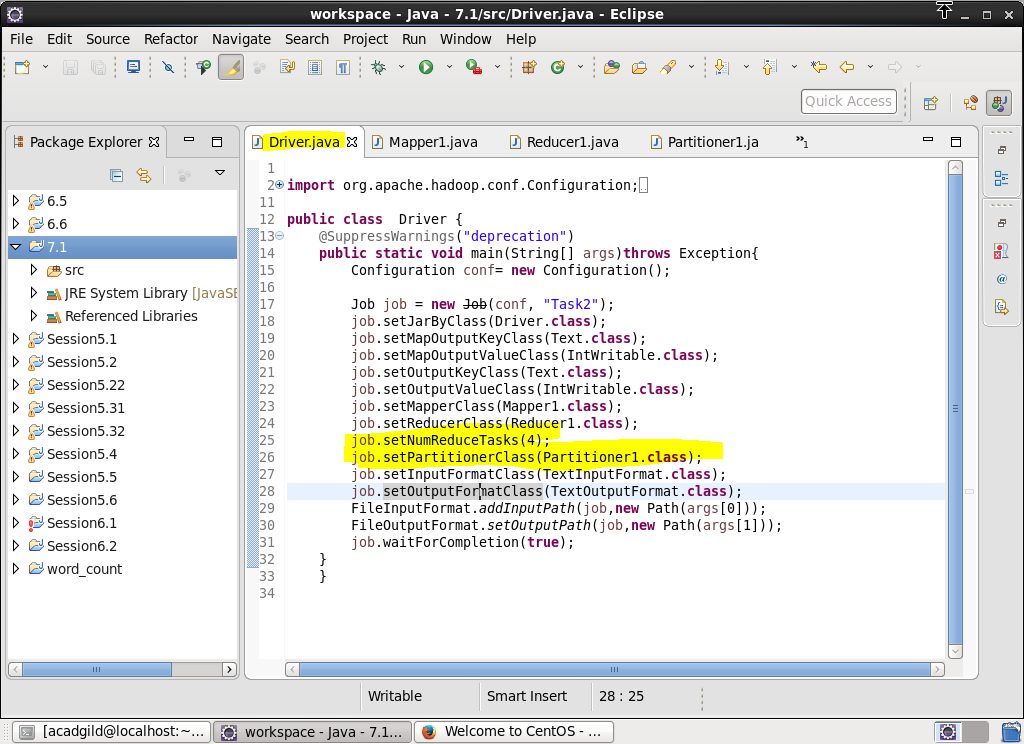
**Assignment 7.1**

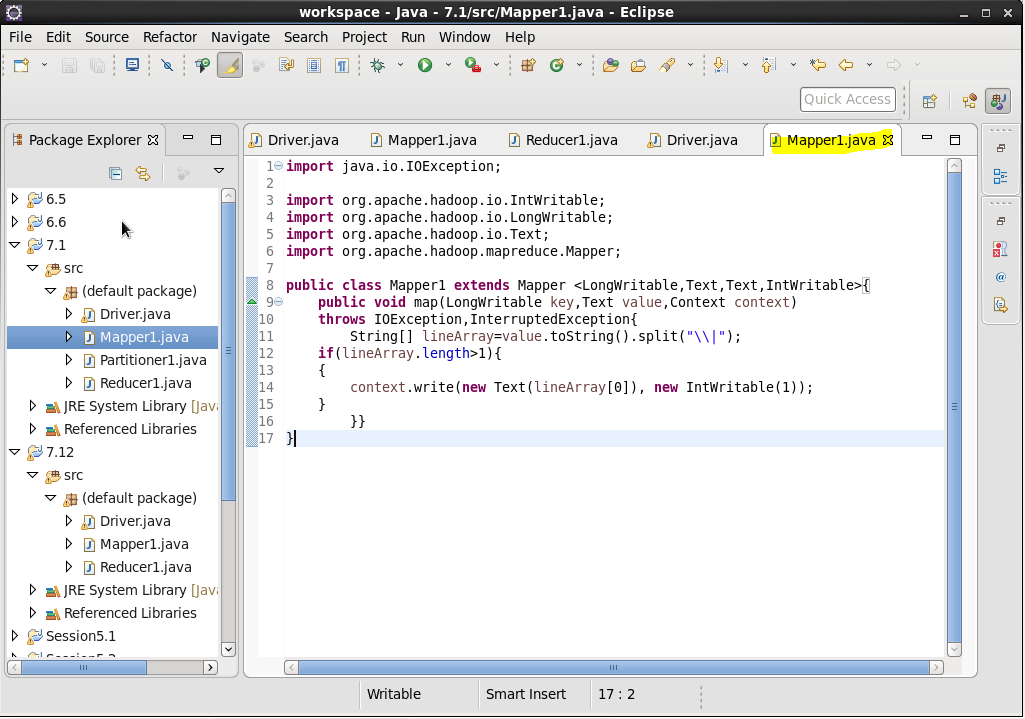
****

**DRIVER CLASS**



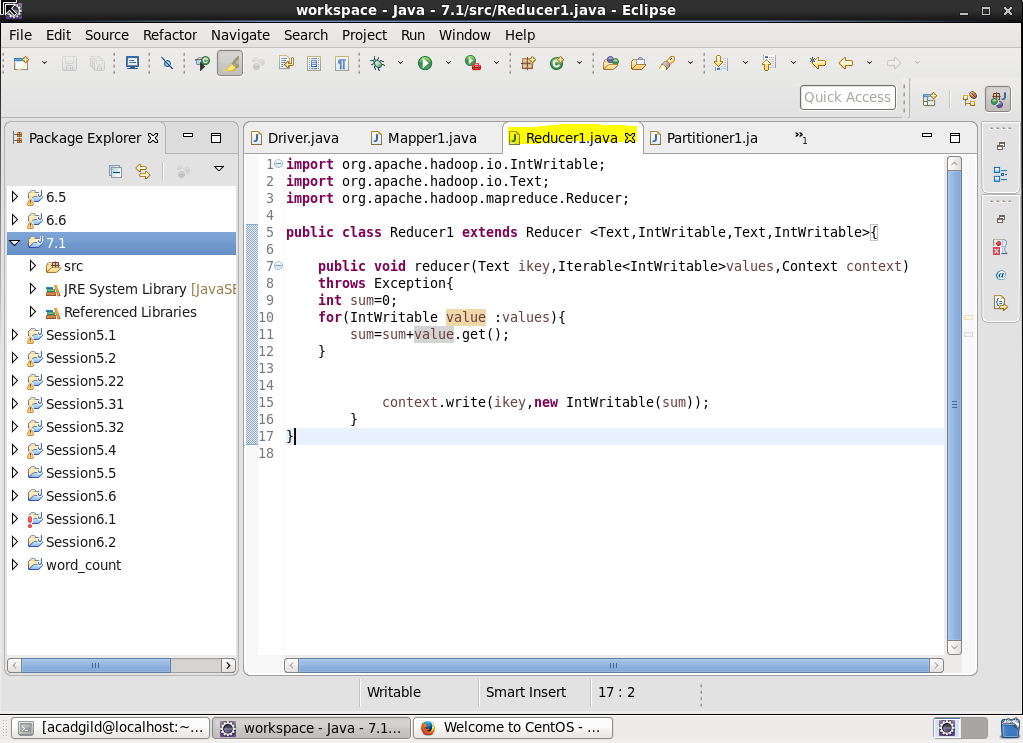
We will use one partitioner class and will set number of reduce task to 4.

**MAPPER CLASS**

****

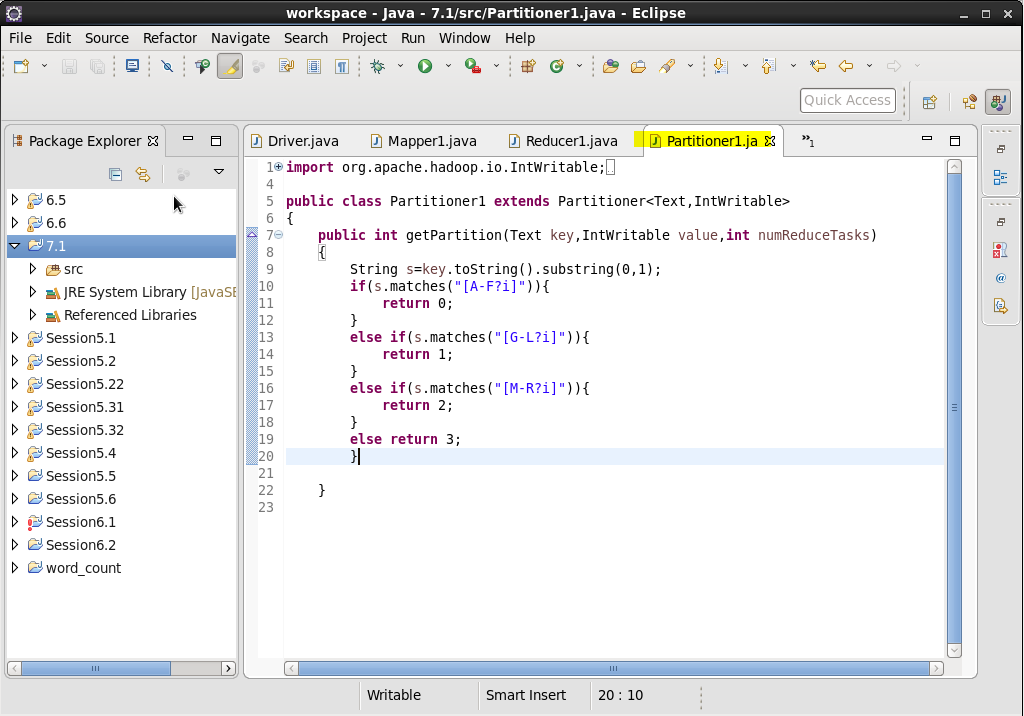
We used mapper splitting using “|” as delimiter and we will check if record is their or not and sent the company name as key and for each company we sent 1 as value usig context.write.

**REDUCER CLASS**



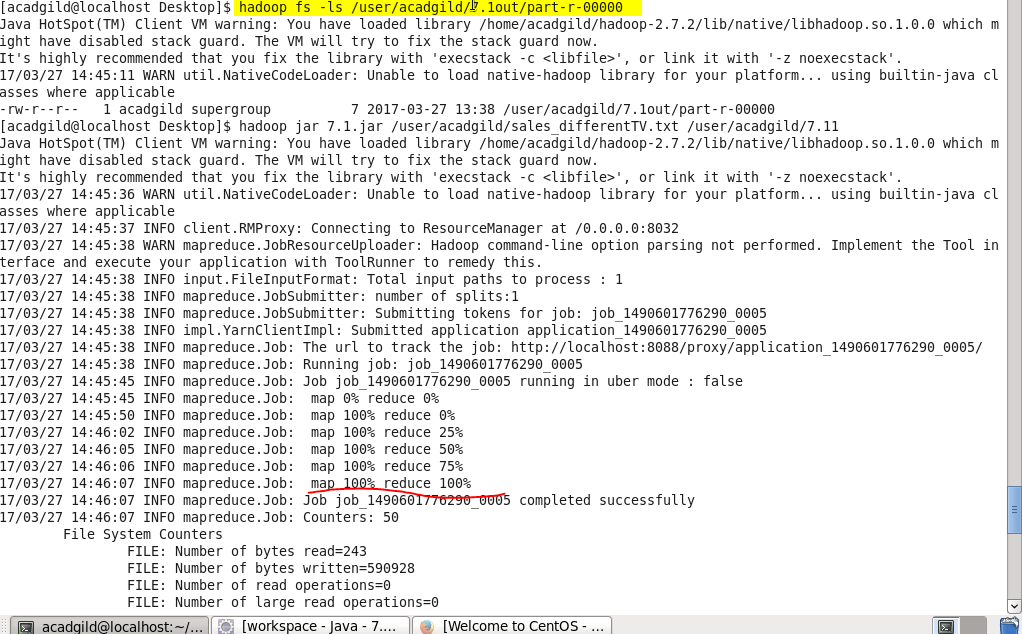
Using reducer class we will COUNT the no of units for each company by iterating .

**PARTITIONRER CLASS**



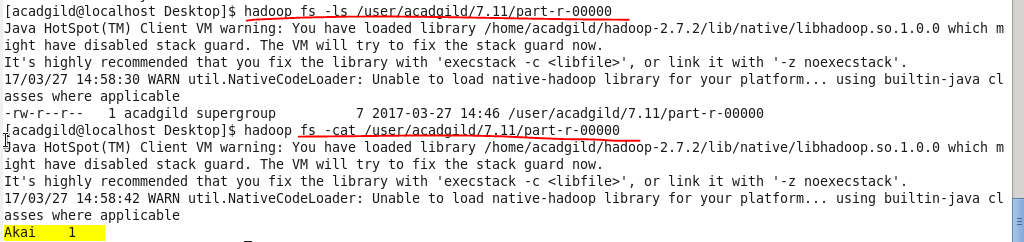
USED MATCHES FUNCTION AND COMPARE KEY NAME AND SEND IT TO CORRESPONDING REDUCER

**RUNNING JAR**



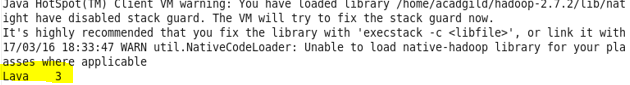
**output**

**Reducer 0 output :**



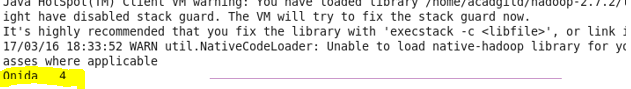
**Reducer 1 output :**





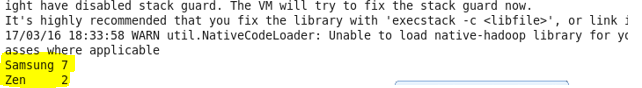
**Reducer 2 output :**

****

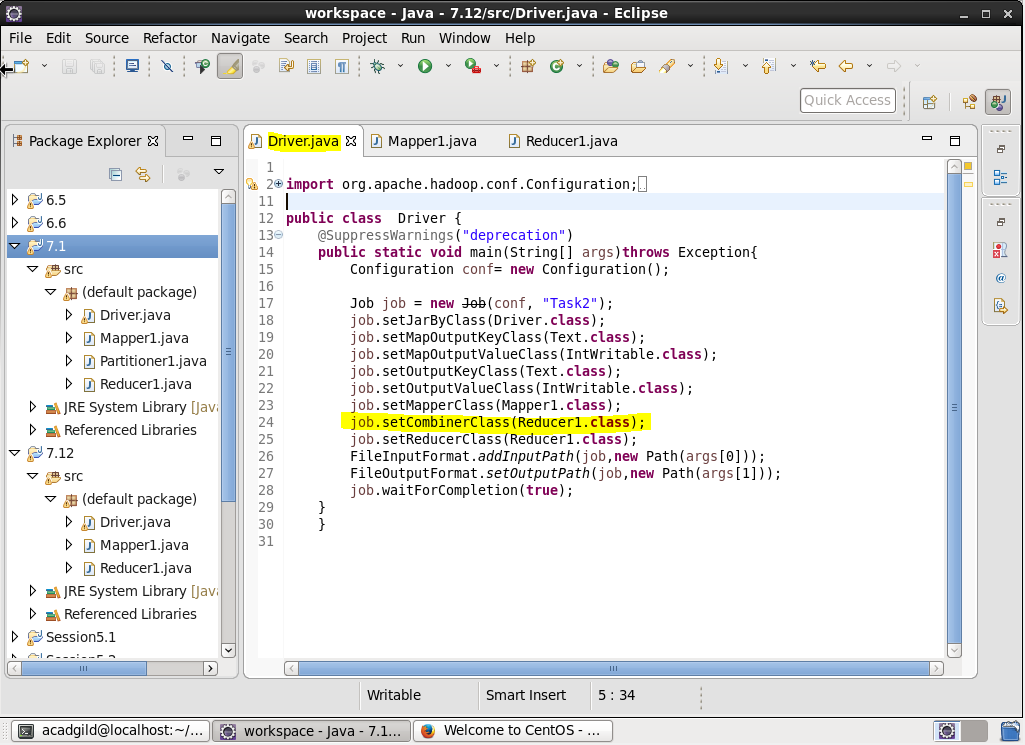


**Reducer 3 output :**

****

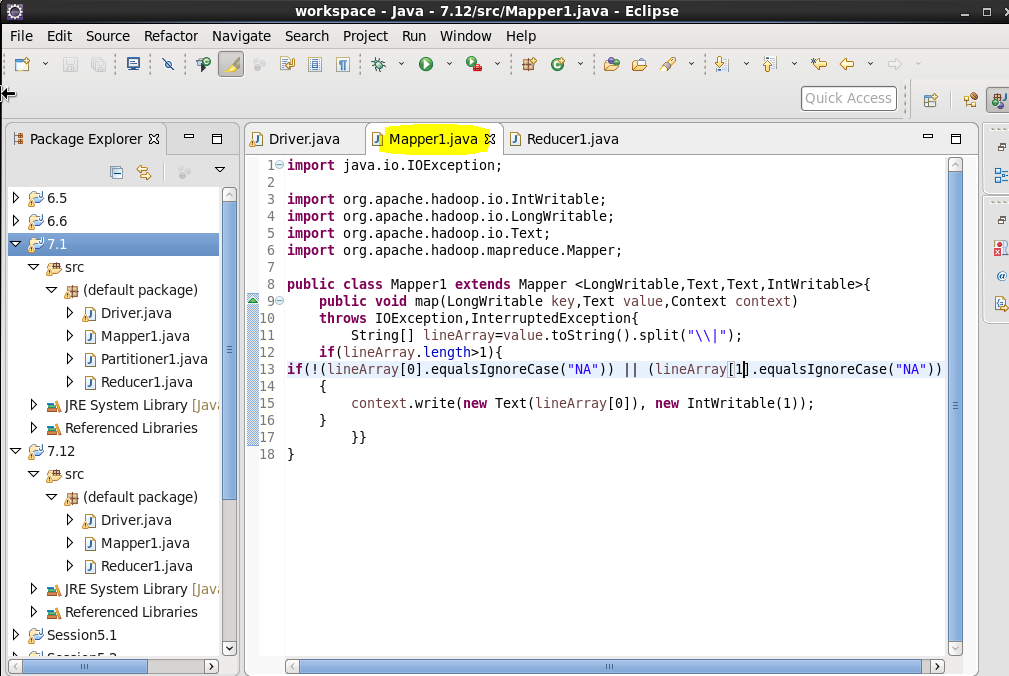


*Prb 2 : Modify Sales of different TV Task 2 (refer session 5, assignment 2) to take advantage of Combiner.*



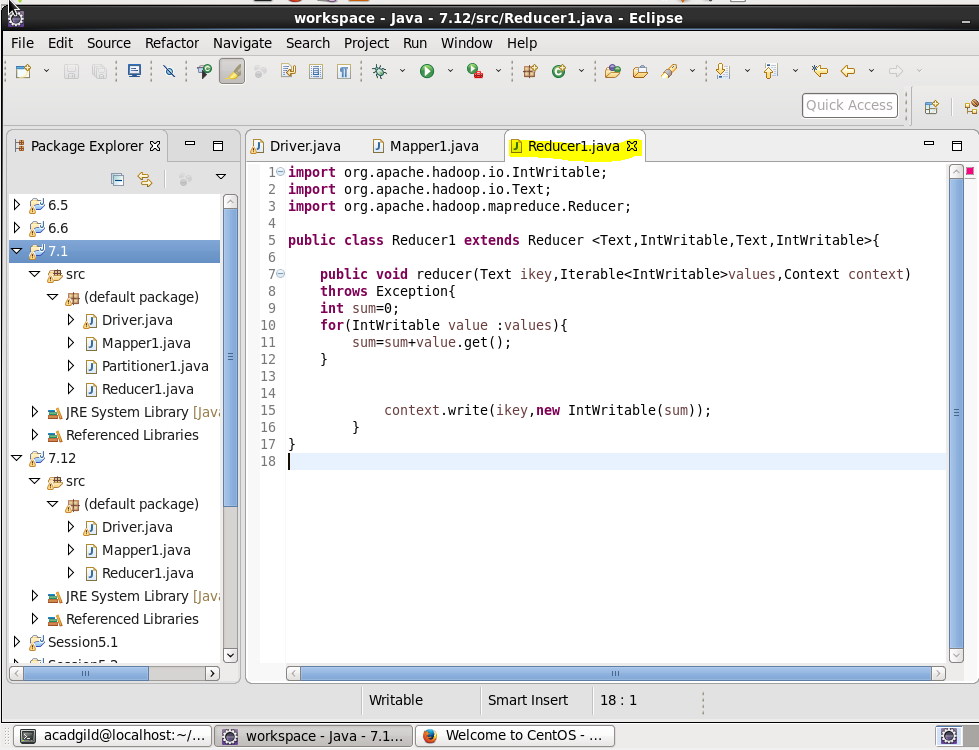
Set combiner class and give the reducer class as combiner as the logic for combiner and reducer is the same

**Mapper class**

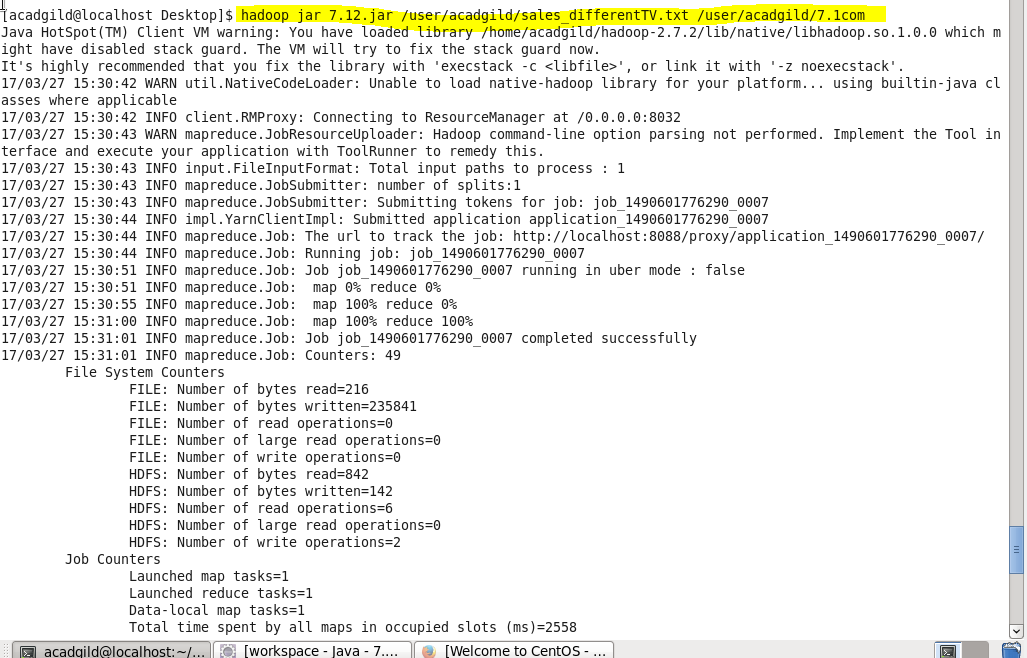


**REDUCER**

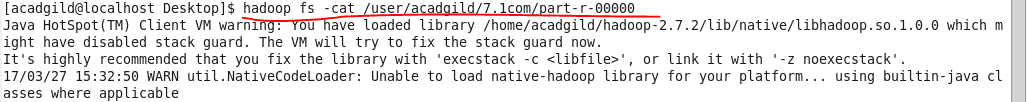
COUNT the no of units for each company by iterating



**RUNNING JAR**

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**Output**

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