Assignment 7.1

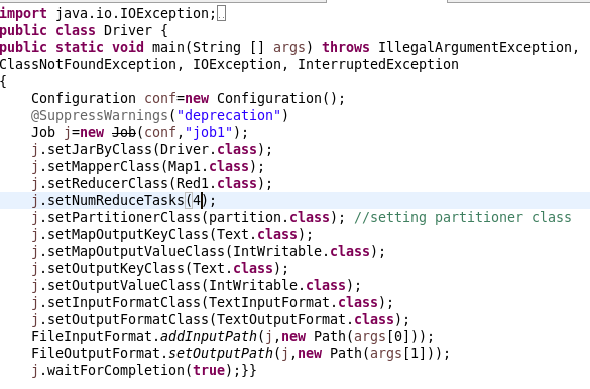
Problem Statement

We have a dataset of sales of different TV sets across different locations. Records look like: Samsung|Optima|14|Madhya Pradesh|132401|14200 The fields are arranged like: Company Name|Product Name|Size in inches|State|Pin Code|Price Sales\_TV: https://github.com/prateekATacadgild/DatasetsForCognizant/blob/master/sales\_differentTV.txt

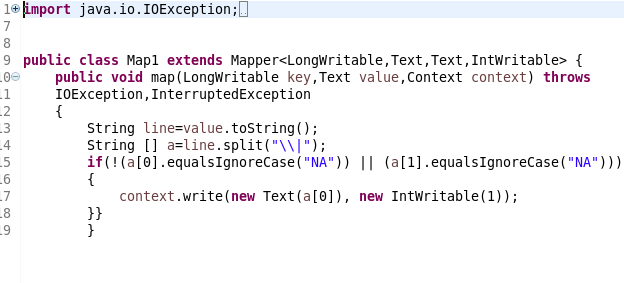
**Task 4**

Write a Mapreduce program to modify Sales of different TV Task 2 ( refer session 5 assignment 2 ) to use a custom partitioner with 4 reducers. Make sure that all records whose company name starts with A-F (upper or lower case) should go to 1st reducer, those starting with G-L to 2nd reducer, those starting with M-R to 3rd reducer and others to 4th reducer.

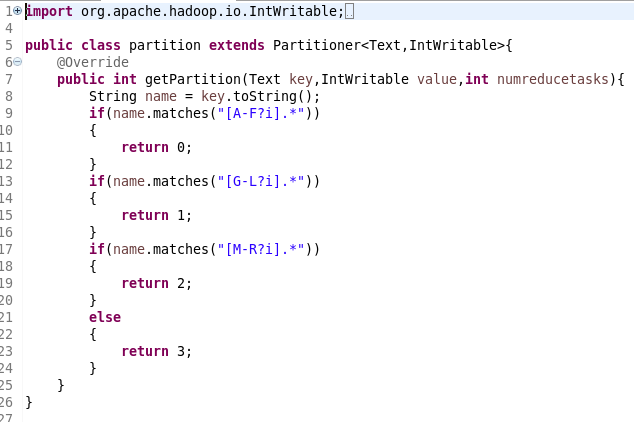
**Driver Class**



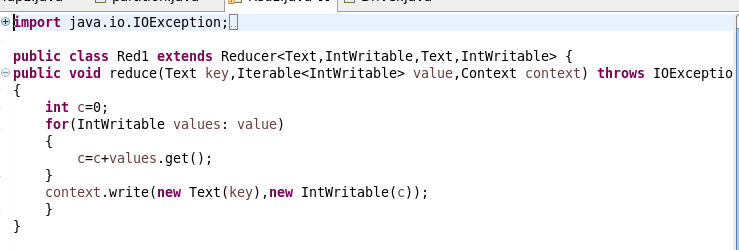
**Mapper class**



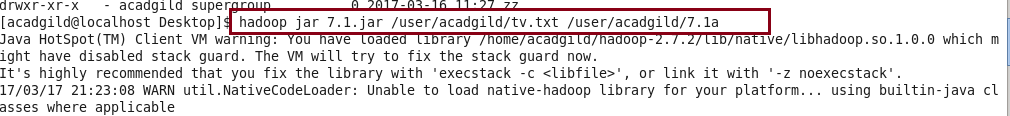
Partition Class



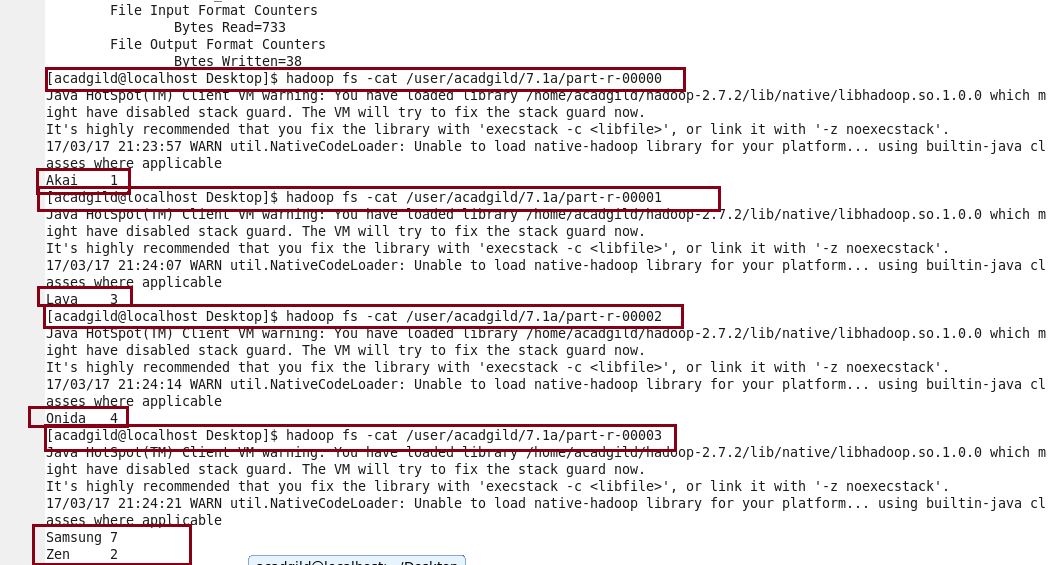
Reducer class



**Jar command**



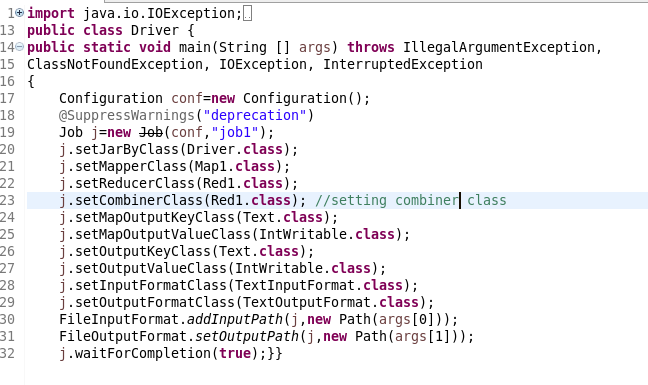
**Output 1**



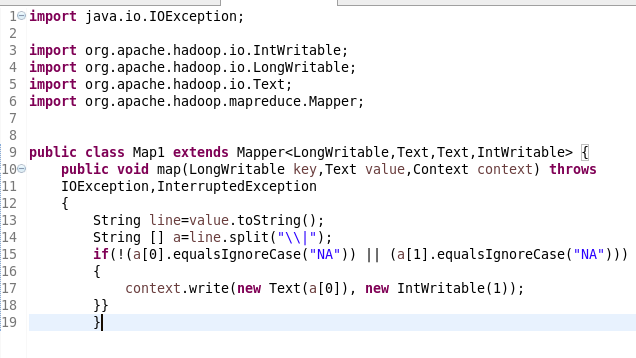
**Task 5**

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

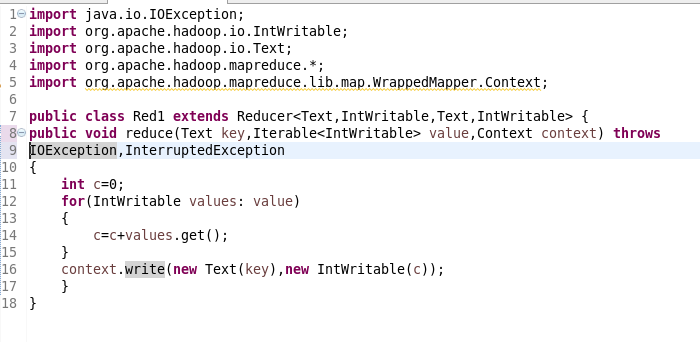
**Driver Class**



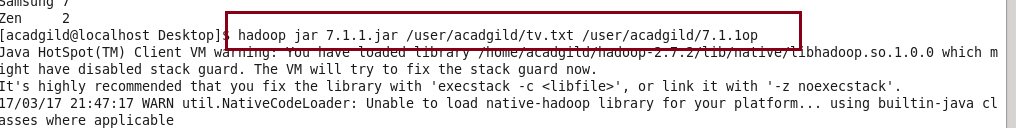
**Mapper**



**Reducer**



**Jar Command**

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**Output 2**

