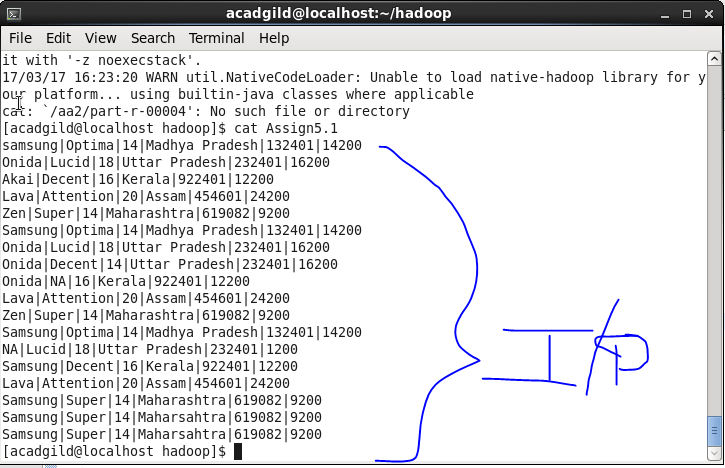
**Problem Statement**

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:

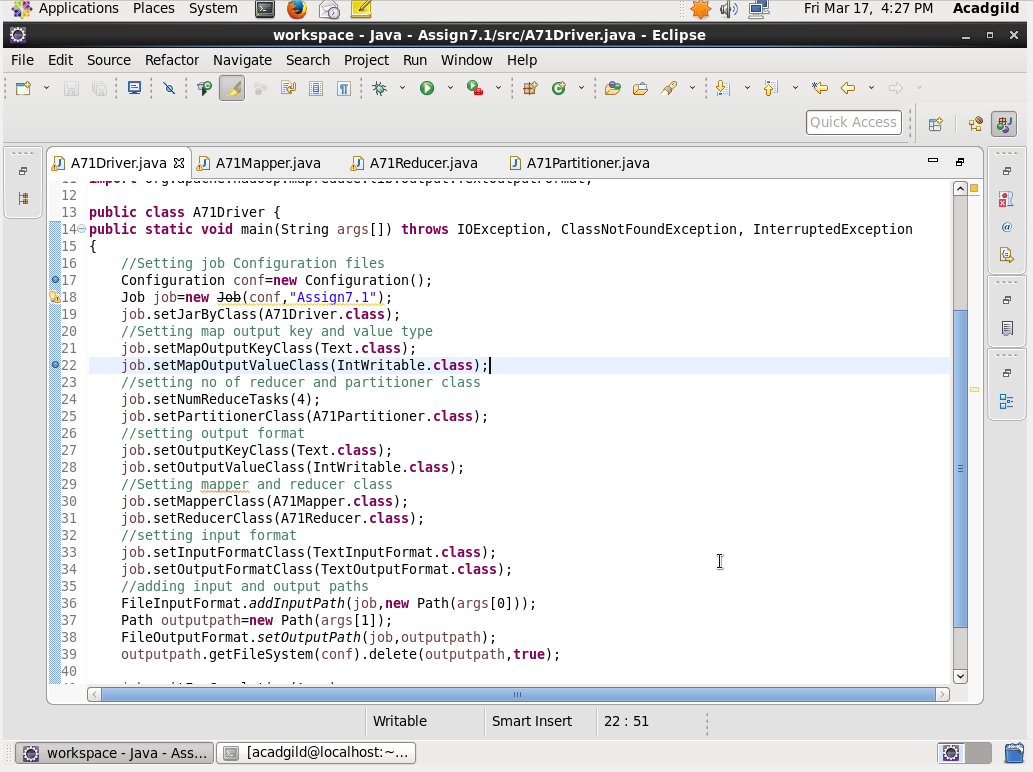
Company Name|Product Name|Size in inches|State|Pin Code|Price Sales\_TV:

**Sales of different TV 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.

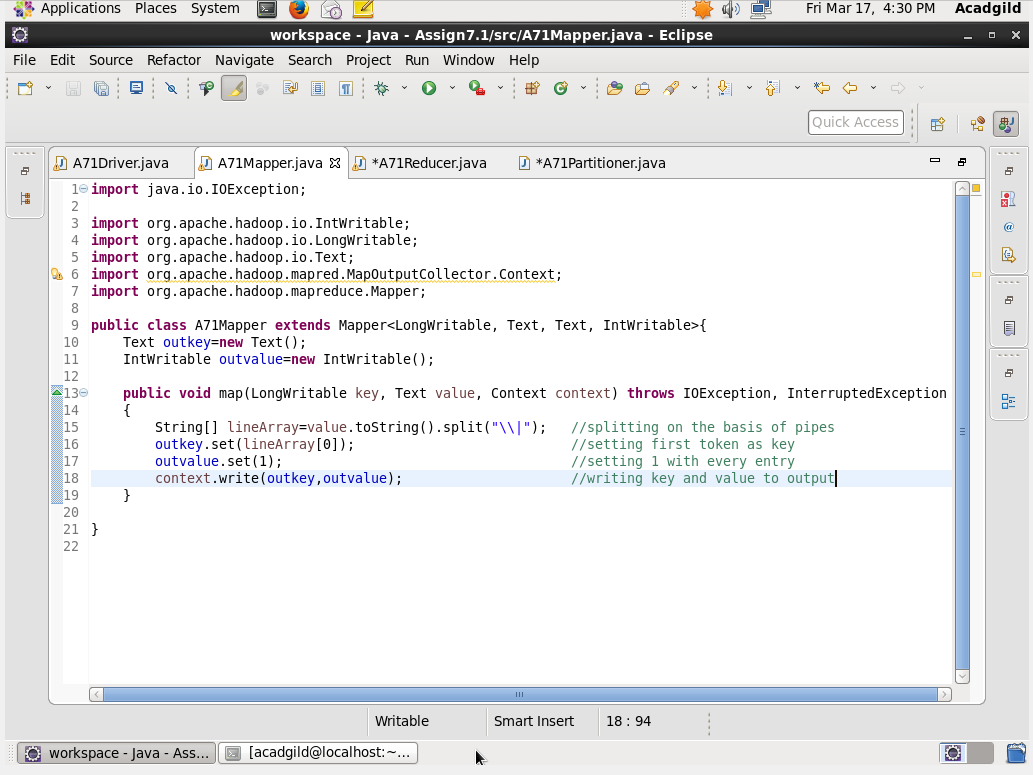
**Input File-**



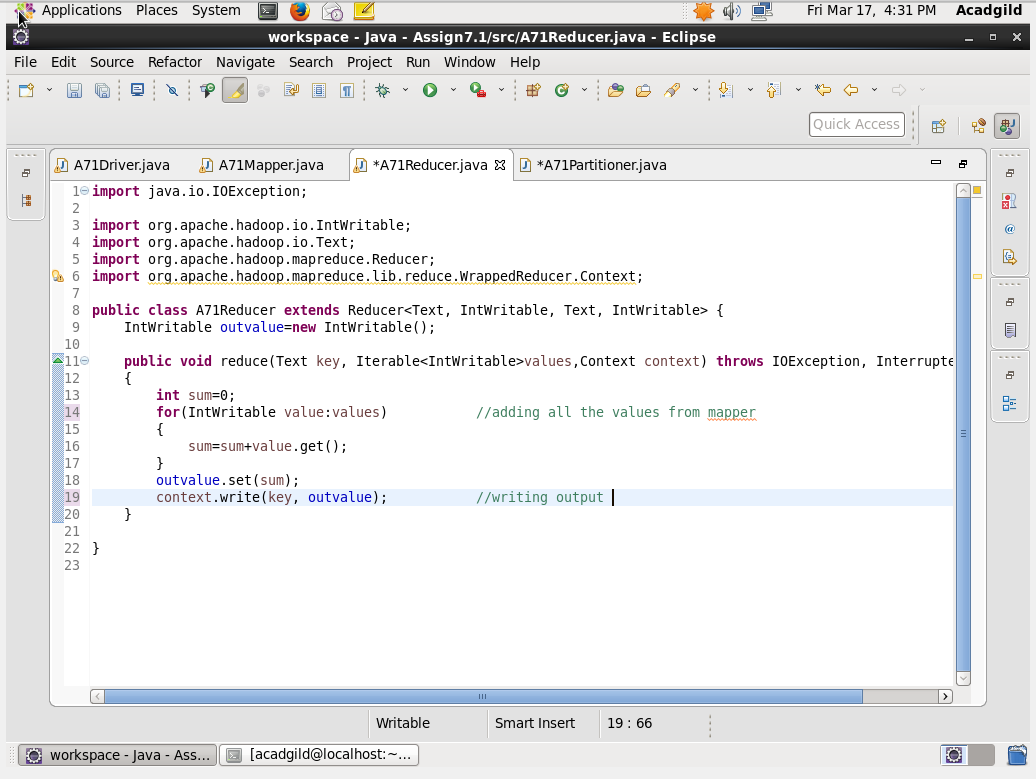
**Driver Code-**

****

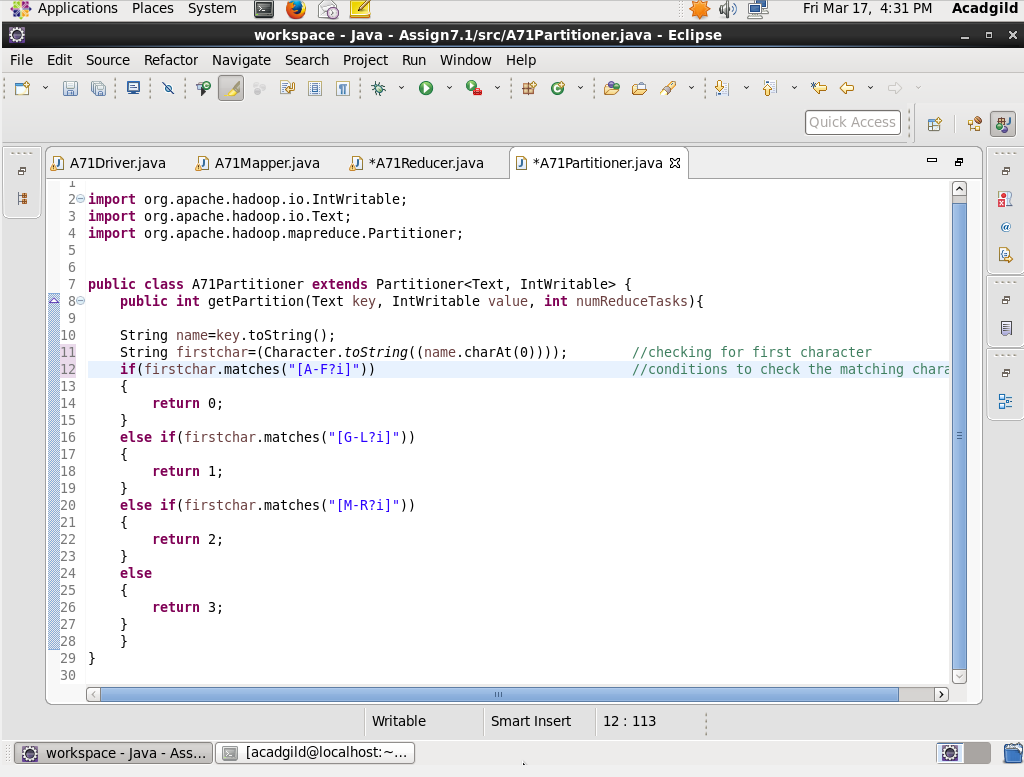
**Mapper Code-**

****

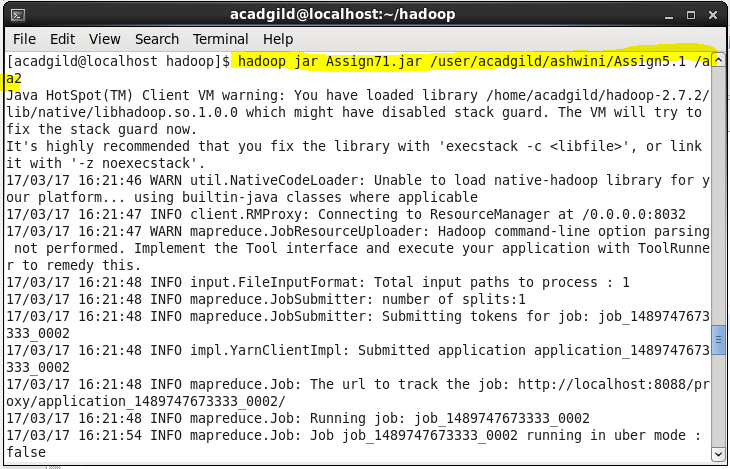
**Reducer Code-**

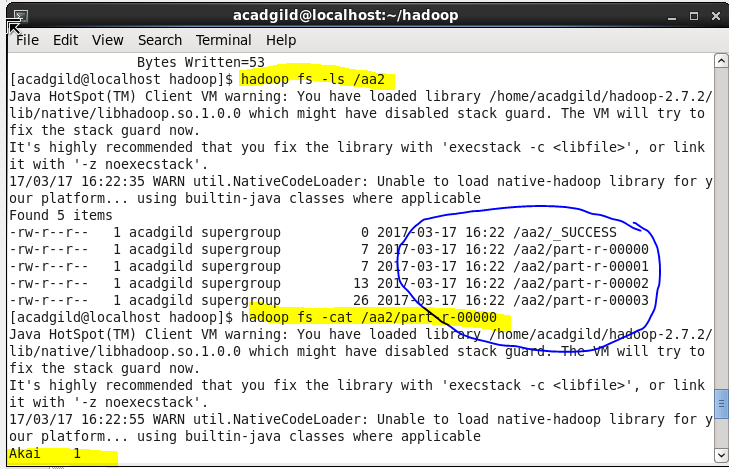
****

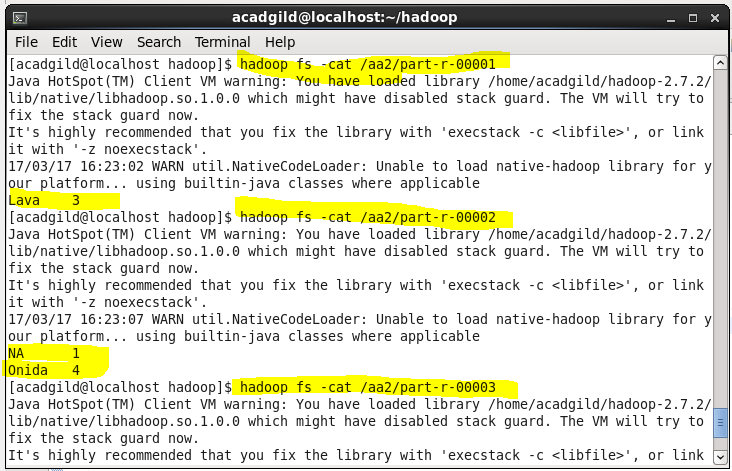
**Partitioner Code-**

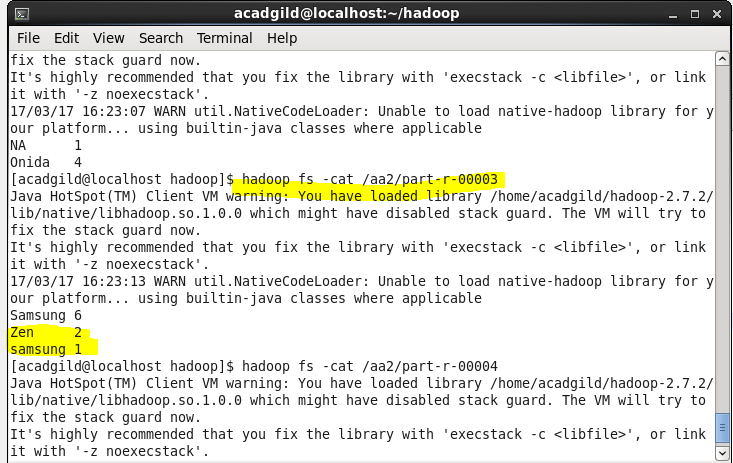
****

**Output File-**

****

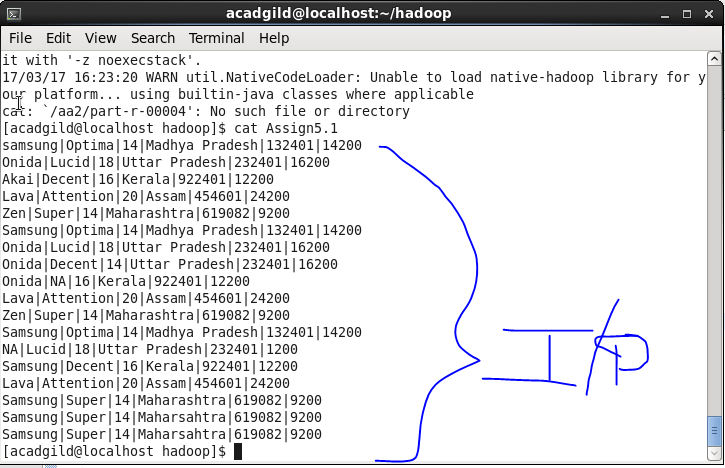
****

****

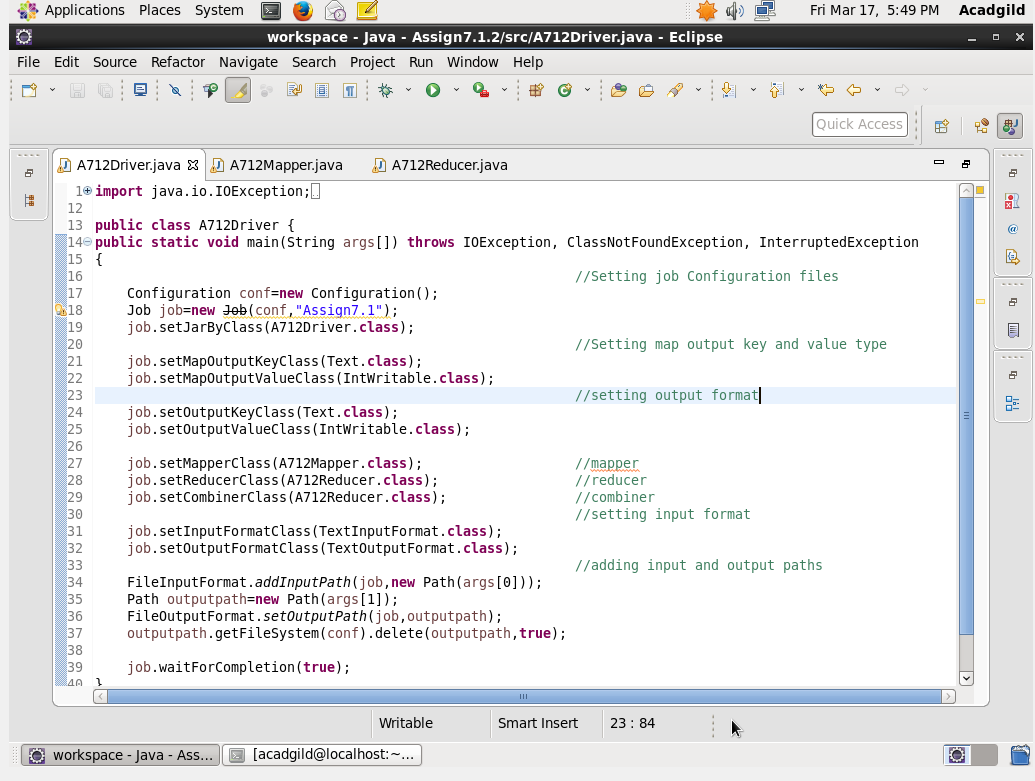
****

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

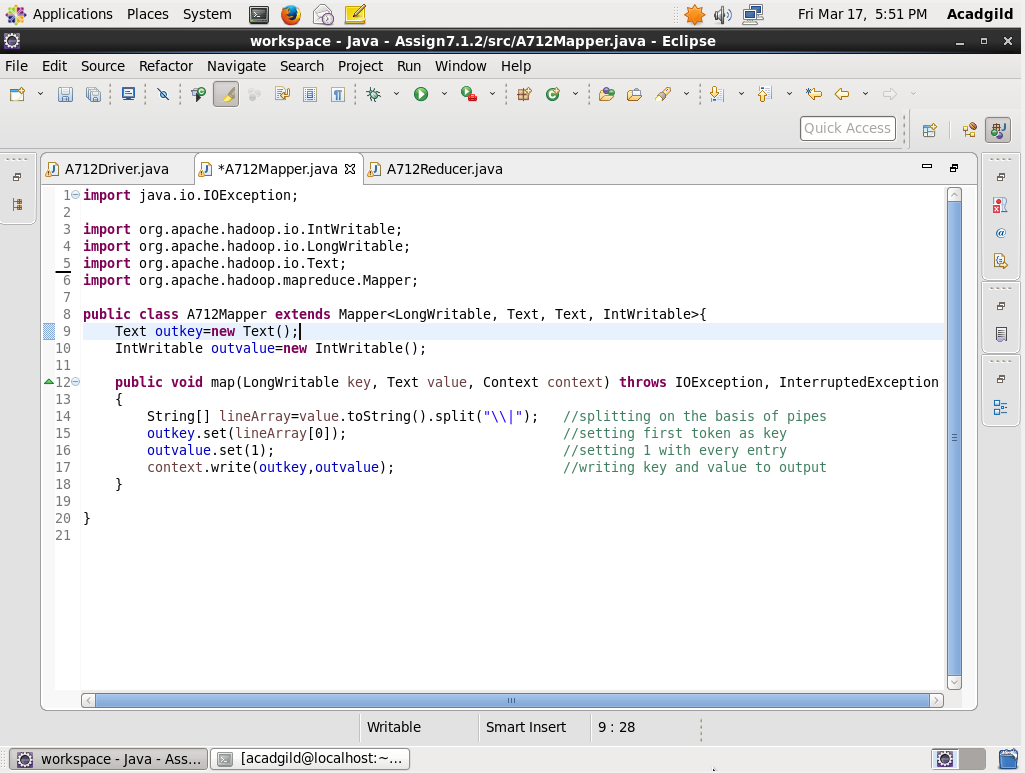
**Input File-**



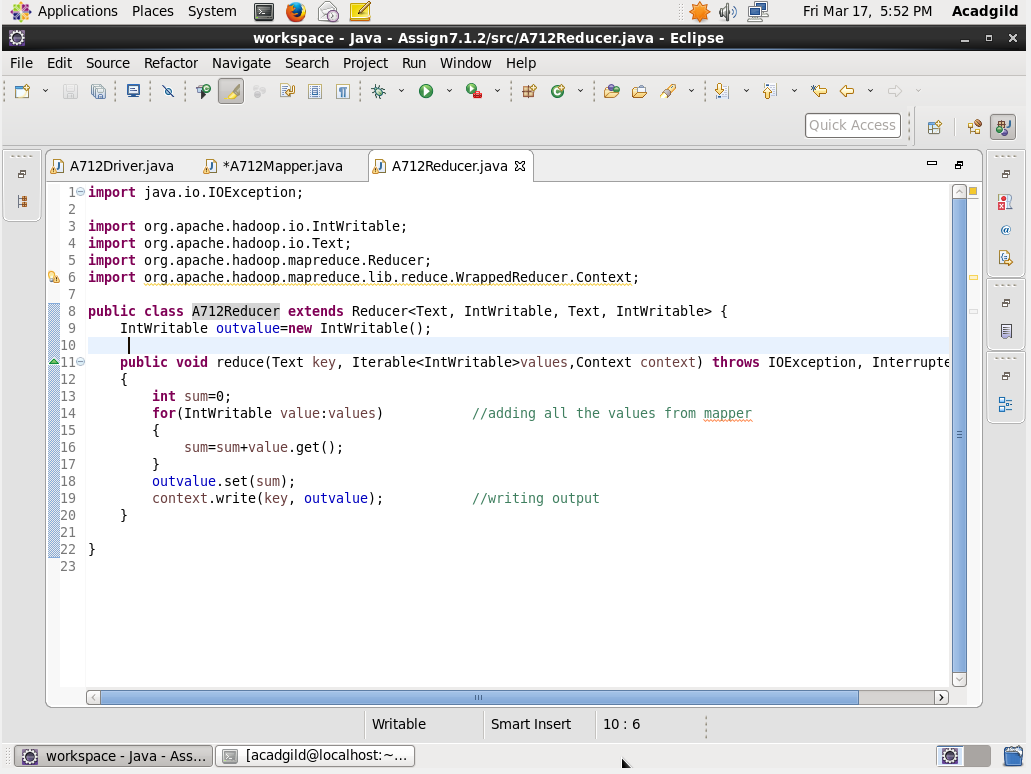
**Driver Code-**



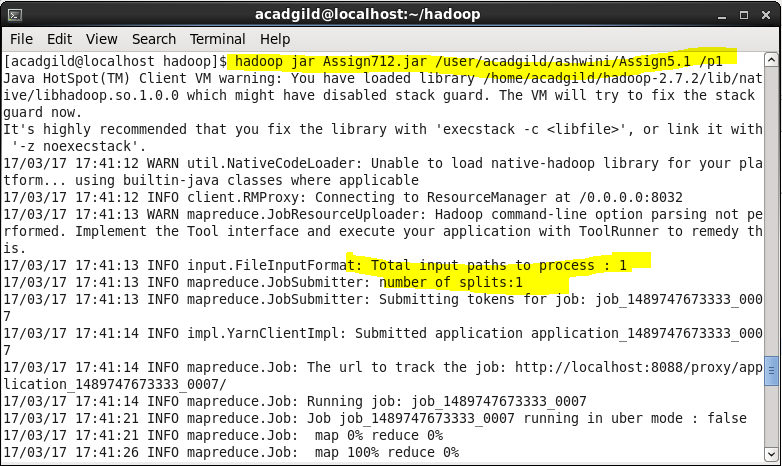
**Mapper Code-**

****

**Reducer Code-**

****

**Output File-**

****

