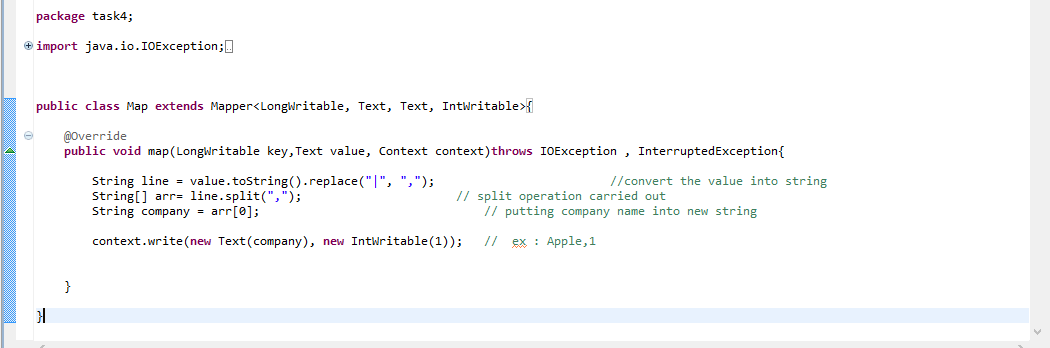
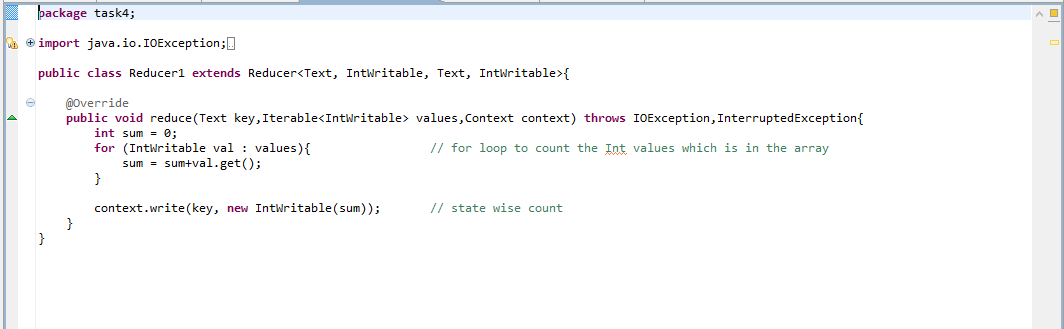
Task 4: Write a Map Reduce program to modify Task 2 (refer session 4, assignment 2) to use a custom partitioner with 4 reducers.

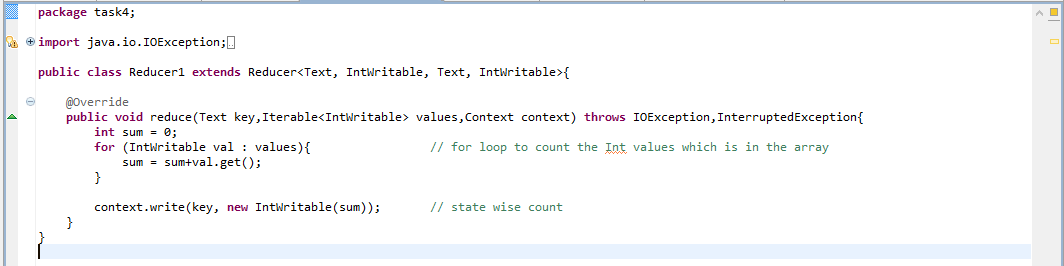
Mapper class:



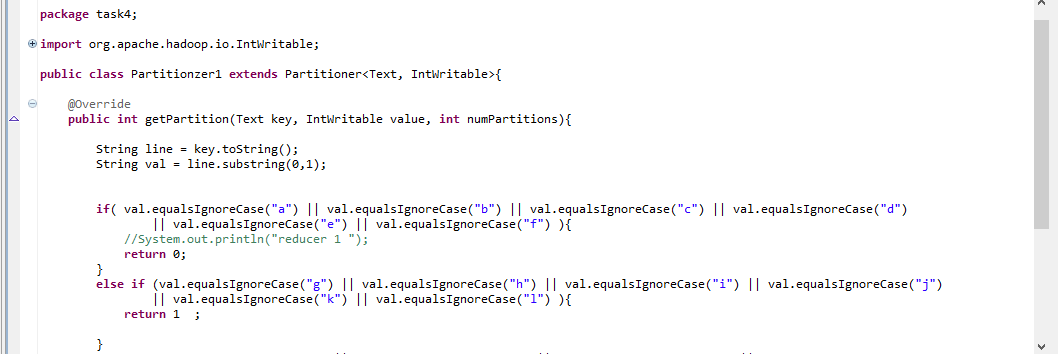
Reducer class:

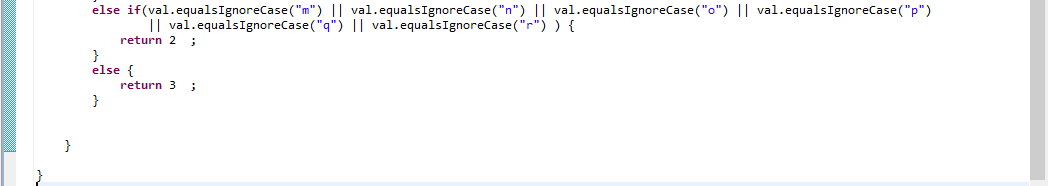


Driver class:

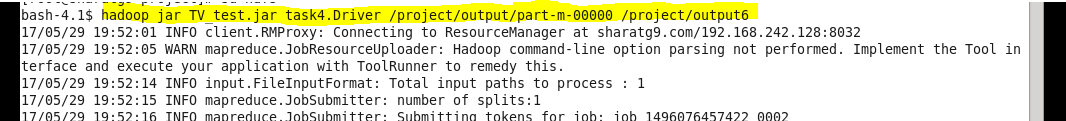


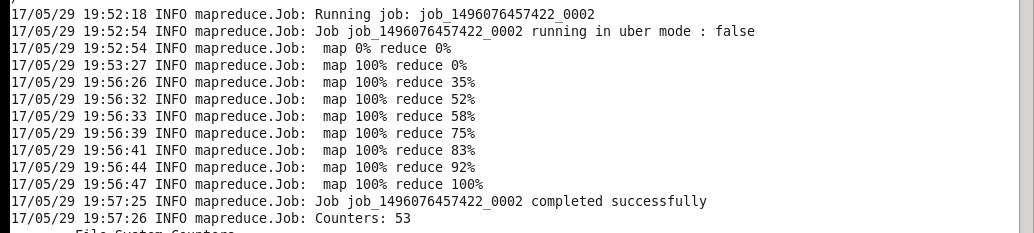
Partitionzer class:



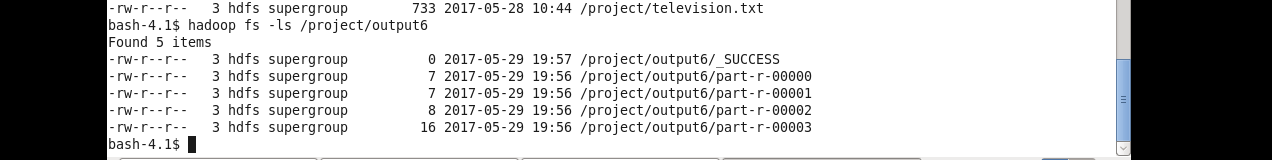


Executing jar file:





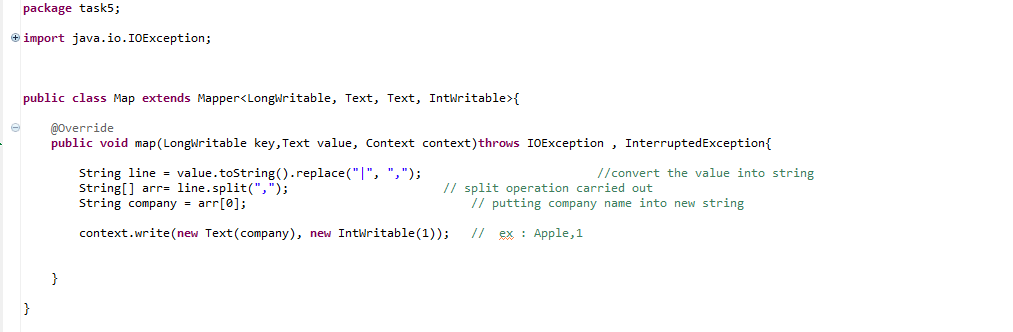
Output:



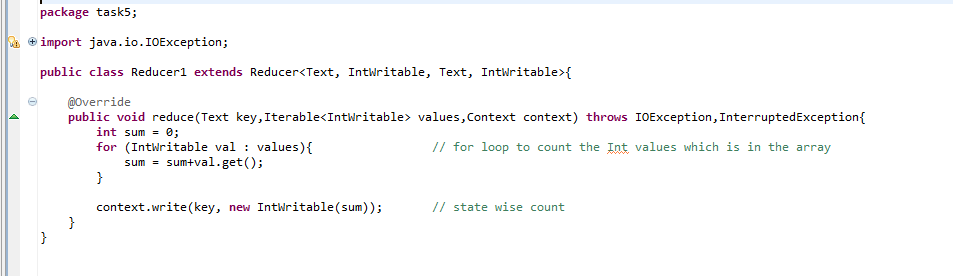


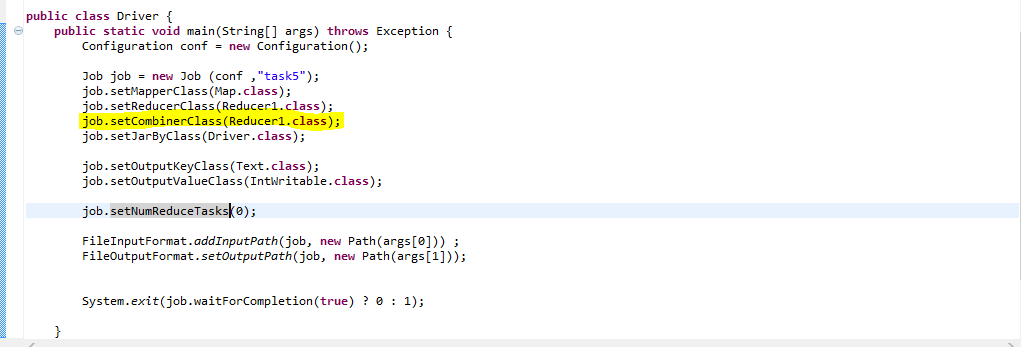
Task 5: Modify Task 2 (refer session 4, assignment 2) to take advantage of Combiner.

Mapper class:

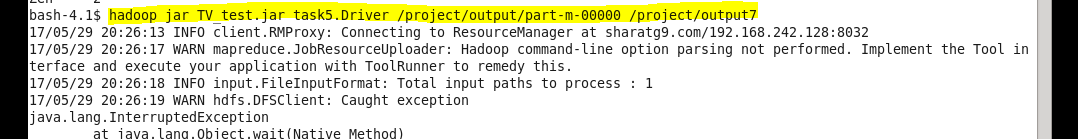


Reducer class:



Drive class: 

Execution:



Output:

