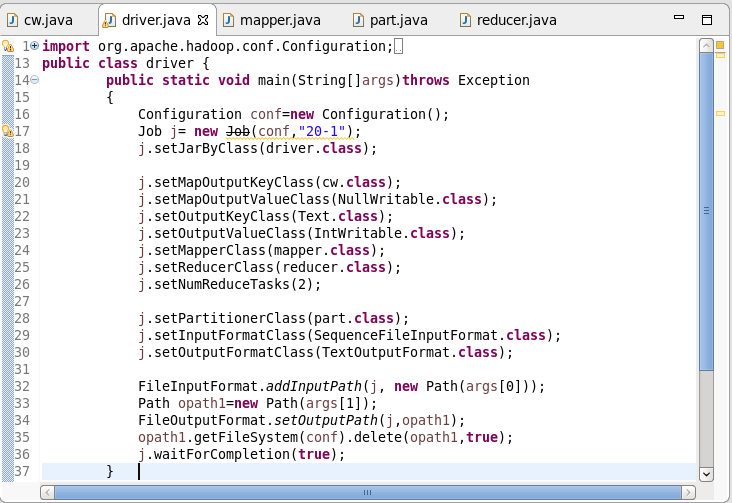
**Problem Statement :**

**Task9**: Enhance the MapReduce program of Task 8 (refer session 19, assignment 3) to use multiple reducers for sorting. The driver should accept three additional values: the minimum units sold, the maximum units sold and number of reducers to use. Use units sold as key and company as value.

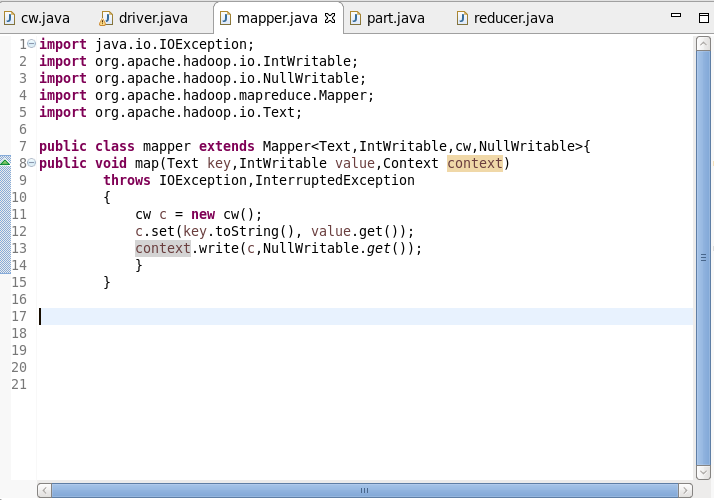
Write a custom partitioner to divide the keys on the basis of range. Take minimum to be 0 and maximum to be 10. Divide them across 2 reducers.

**Solution:**

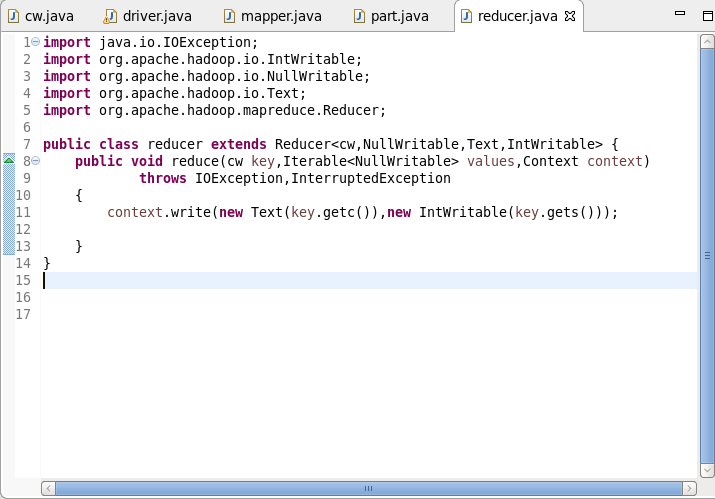
Driver Class:



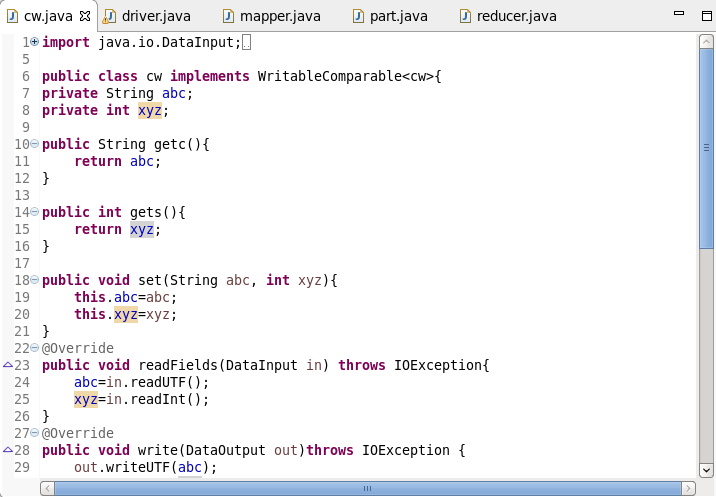
Mapper Class:

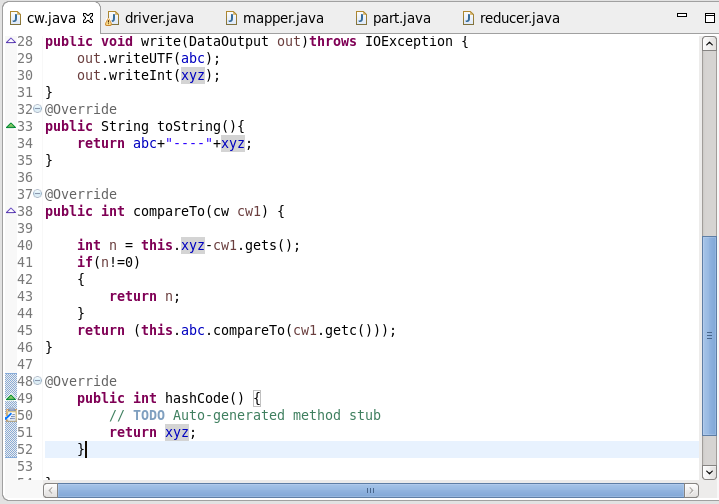


Reducer Class:

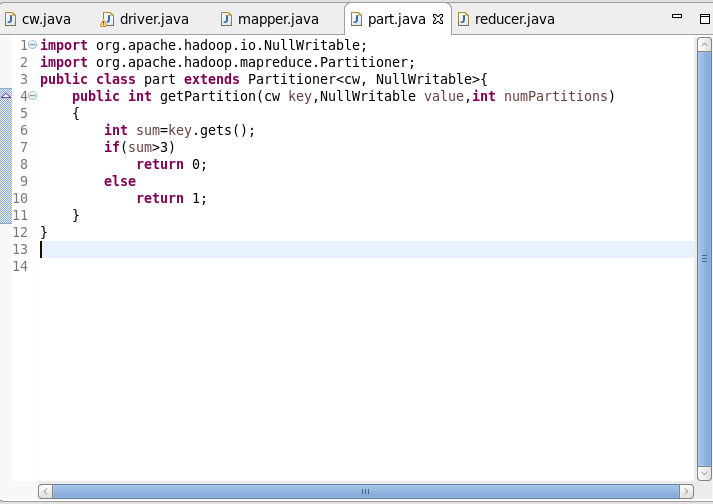


Composite key Class:

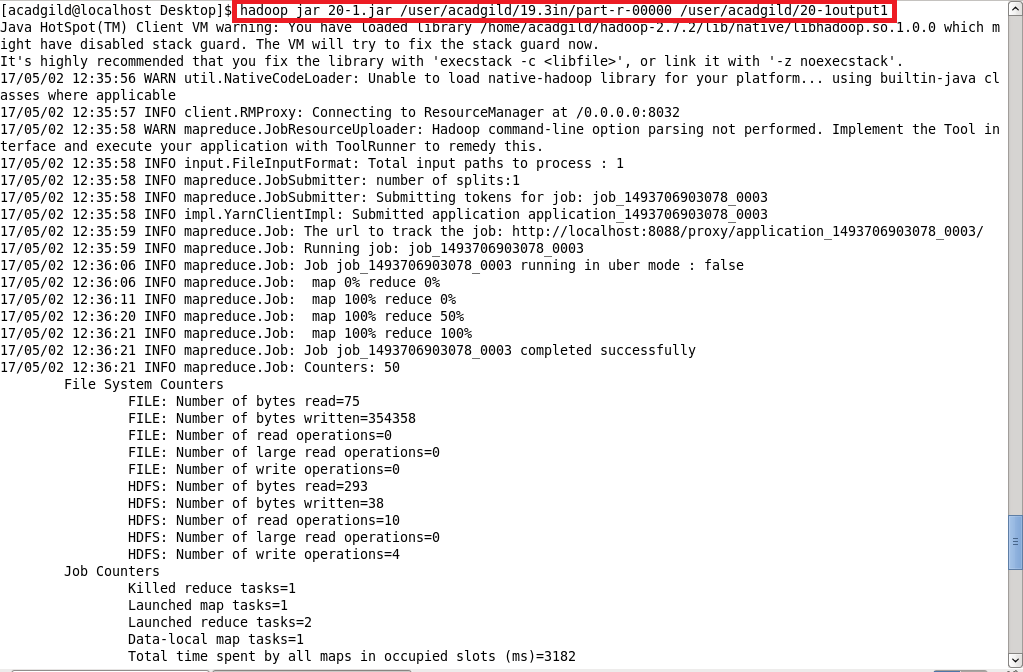




Partitioner Class:



Execution Command:



Output:

