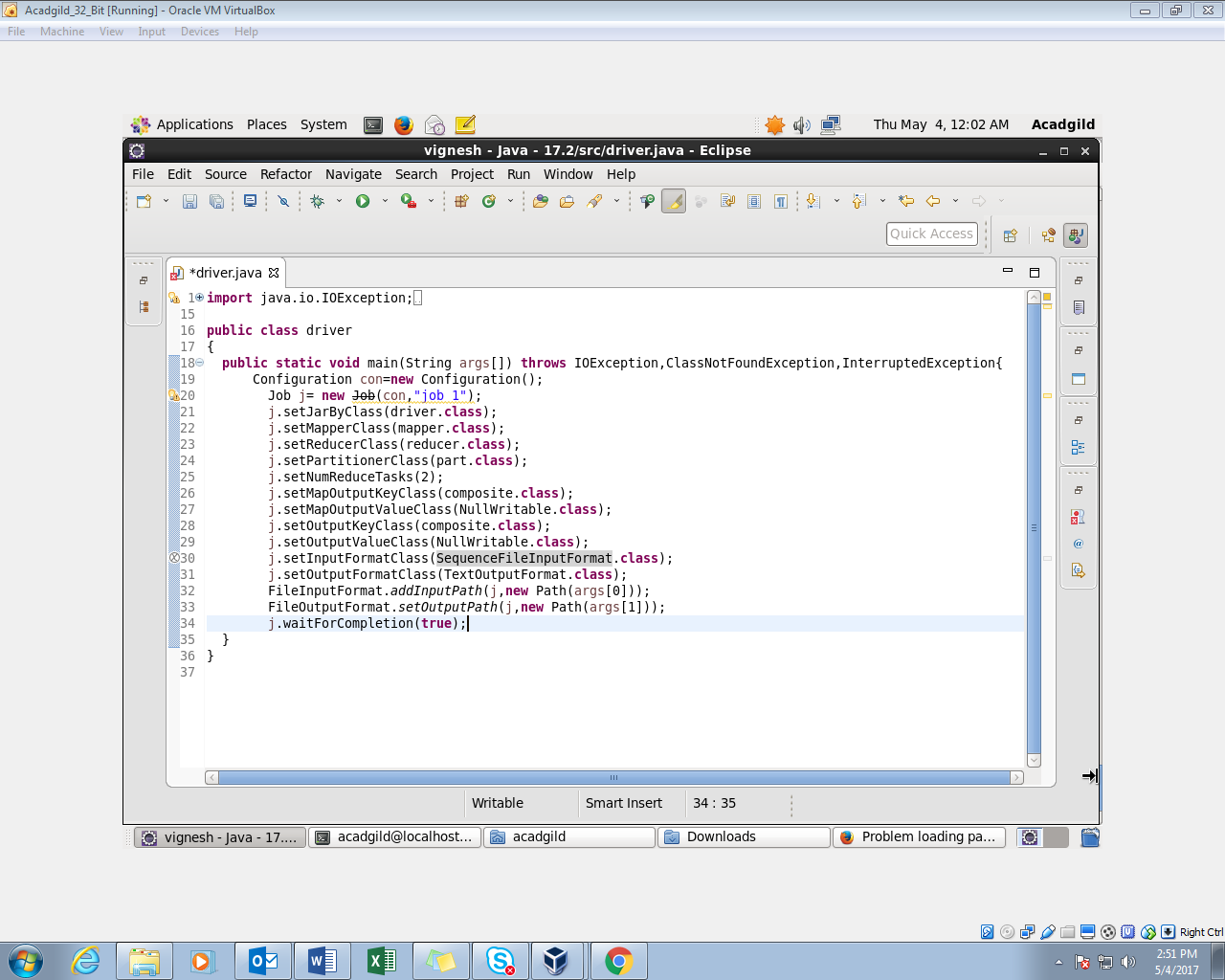
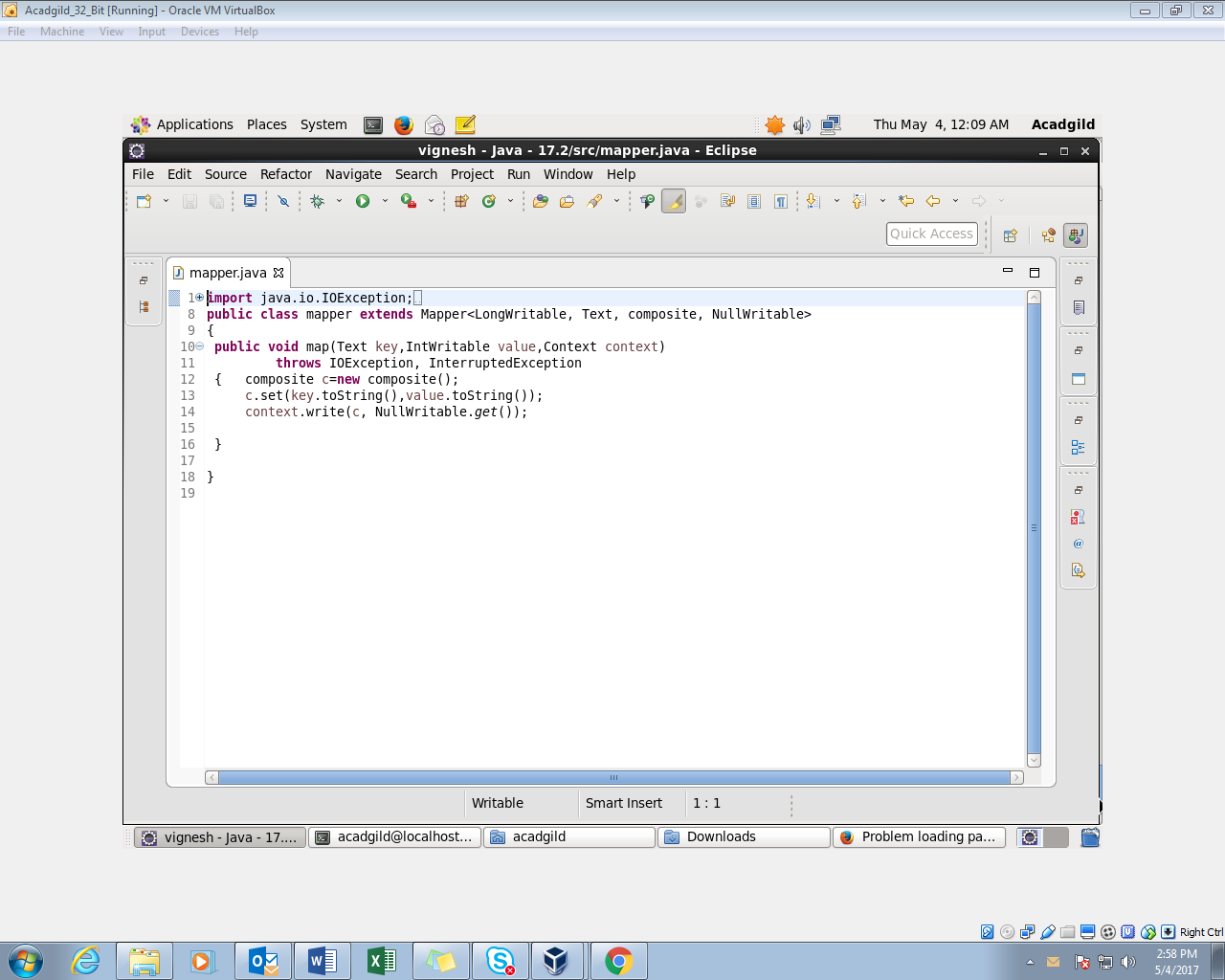
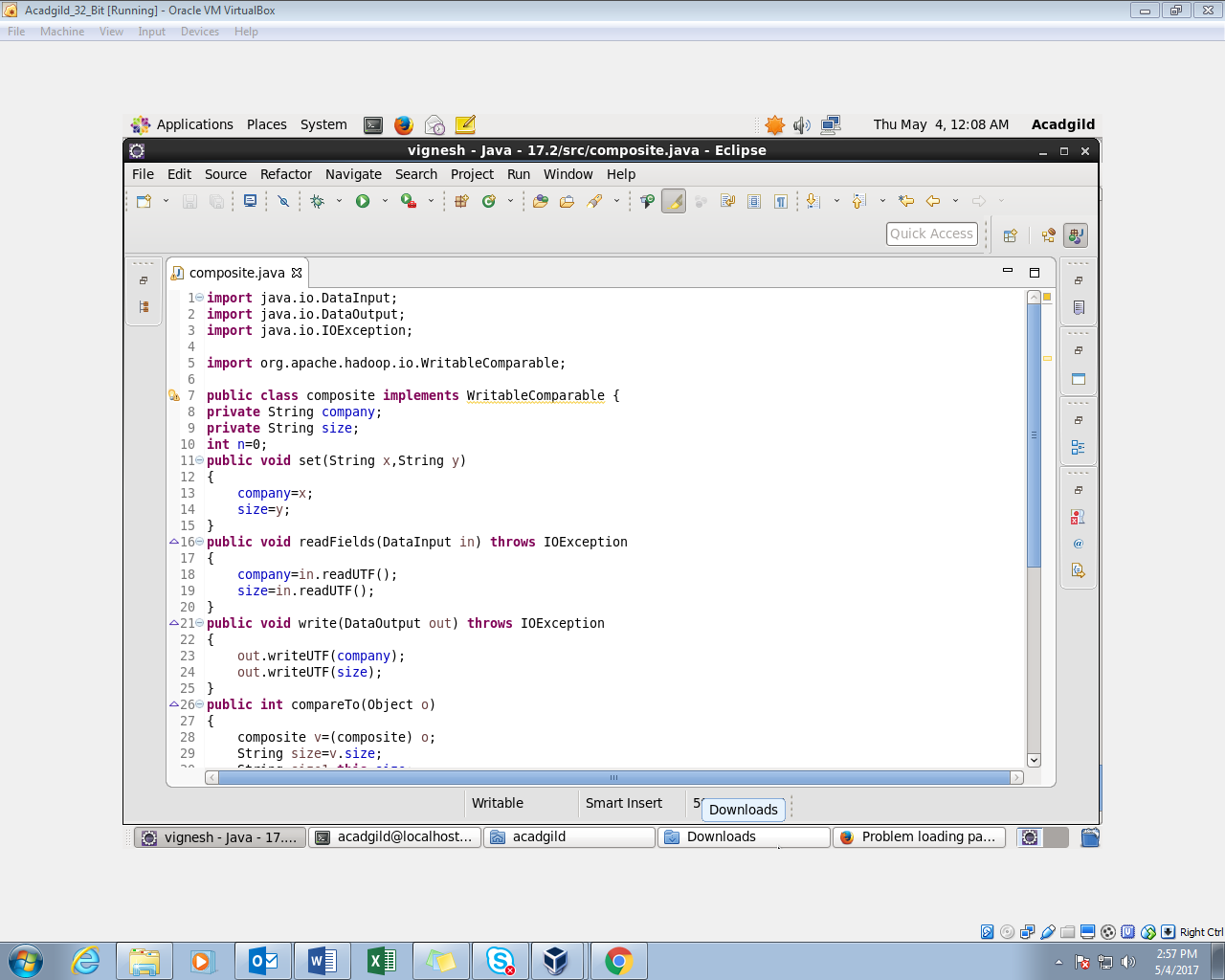
**ASSIGNMENT 20.1 :**

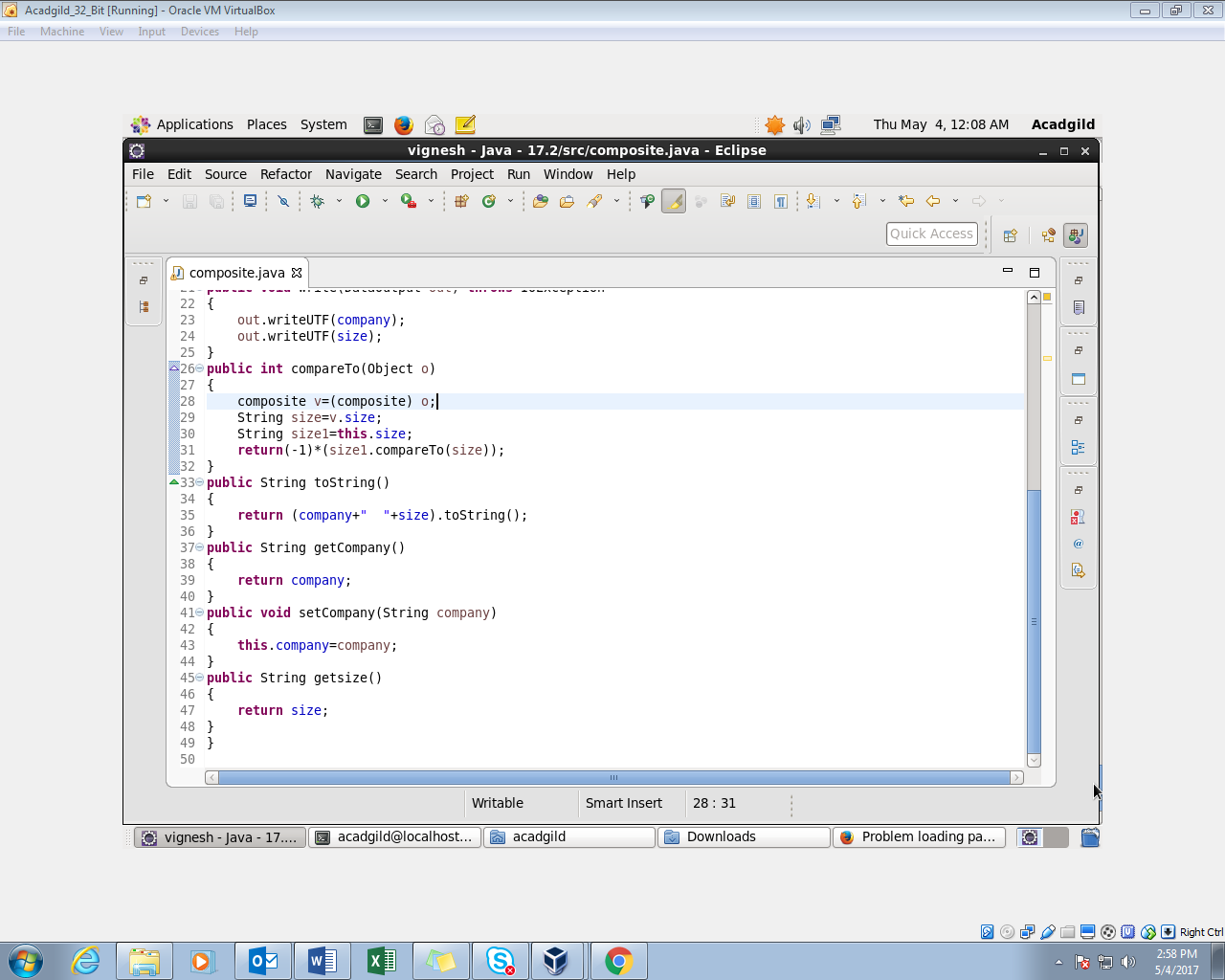
Enhance the MapReduce program of Task 8 (refer session 19, assignment 3) to use multiple reducers for sorting. The driver should accept three additional values: the minimum units sold, the maximum units sold and number of reducers to use. Use units sold as key and company as value. Write a custom partitioner to divide the keys on the basis of range. Take minimum to be 0 and maximum to be 10. Divide them across 2 reducers.

**DRIVER CLASS:**

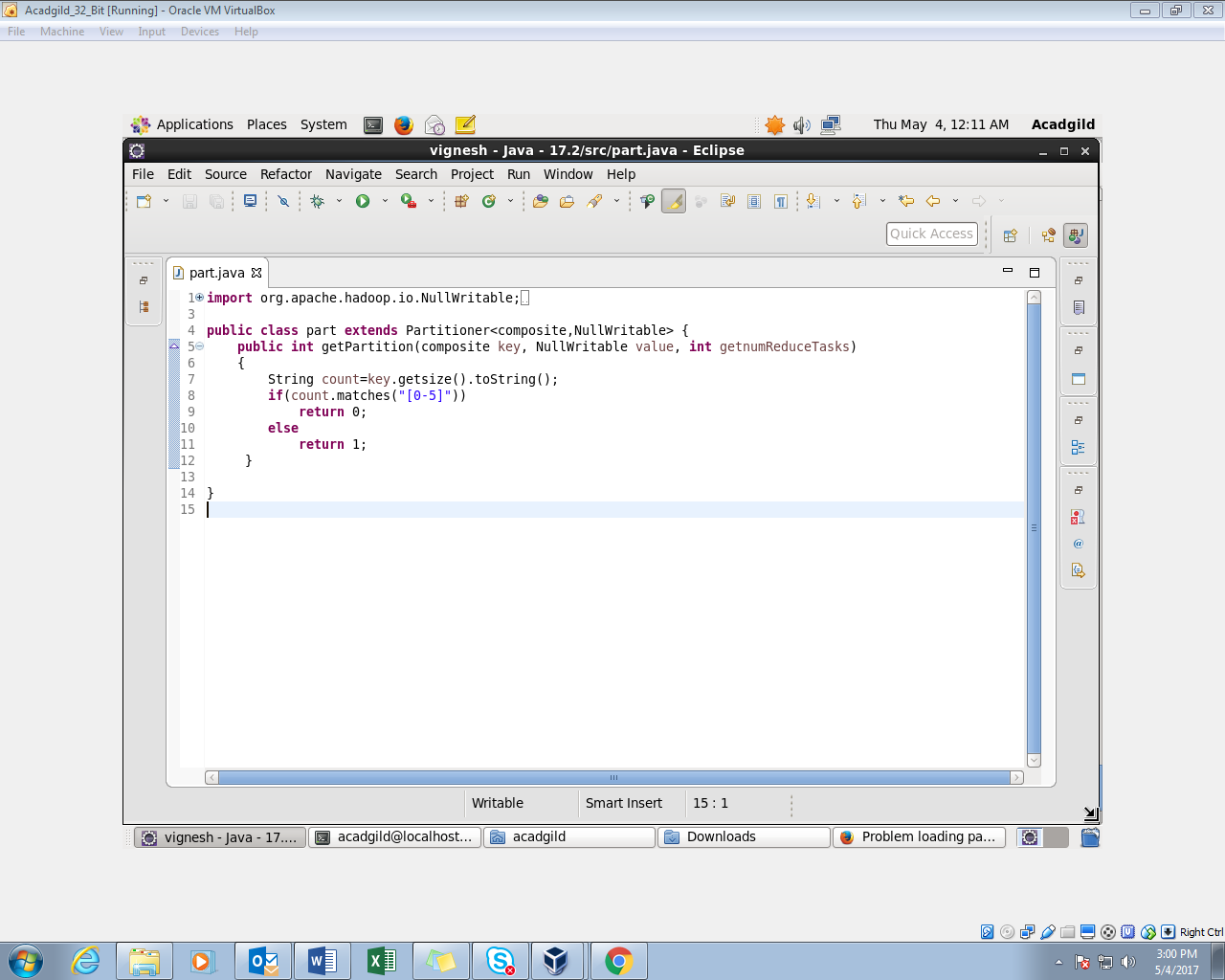
**MAPPER CLASS:**

**COMPOSITEKEY CLASS:**

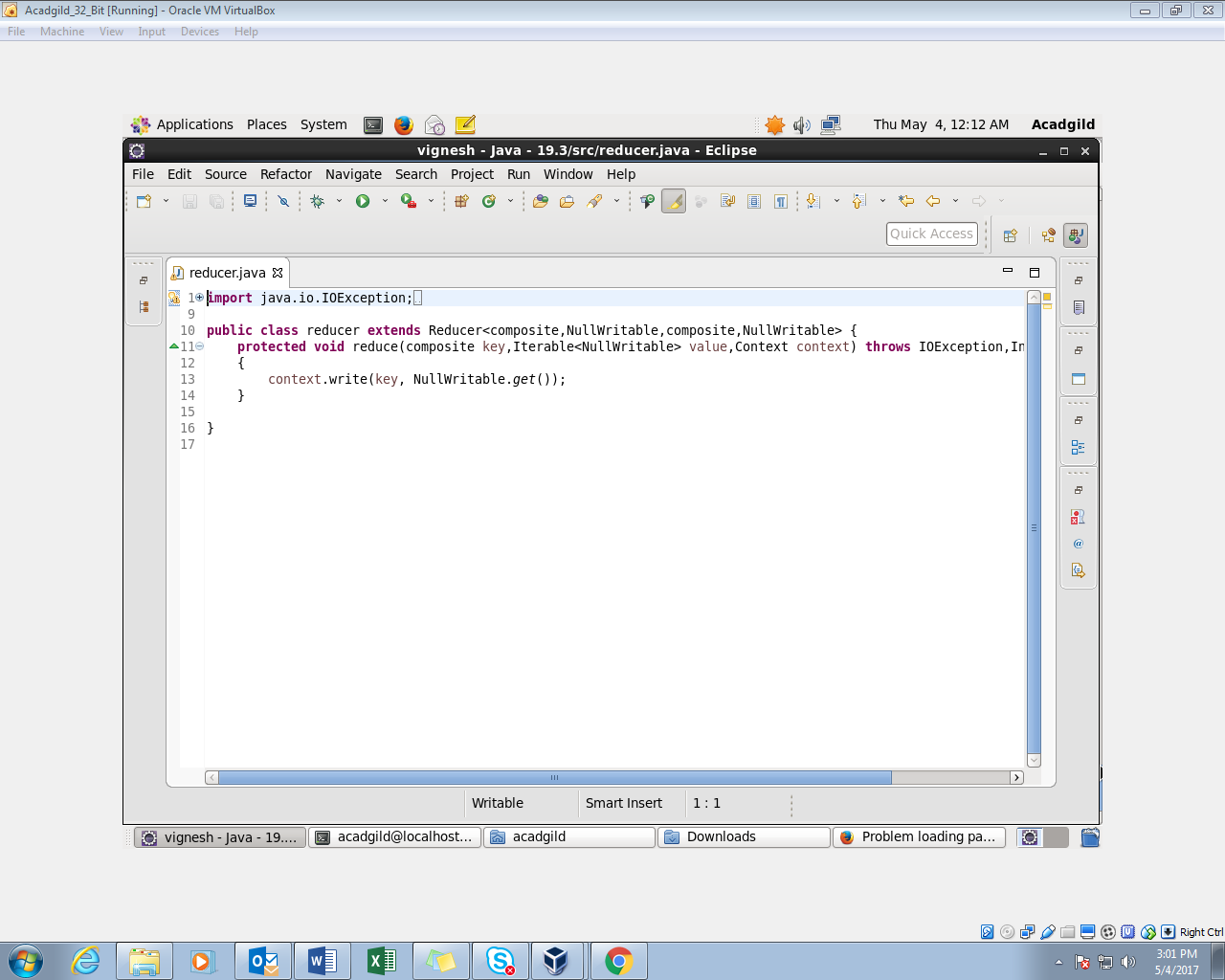




**PARTITIONER CLASS:**



**REDUCER CLASS:**



**OUTPUT:**

