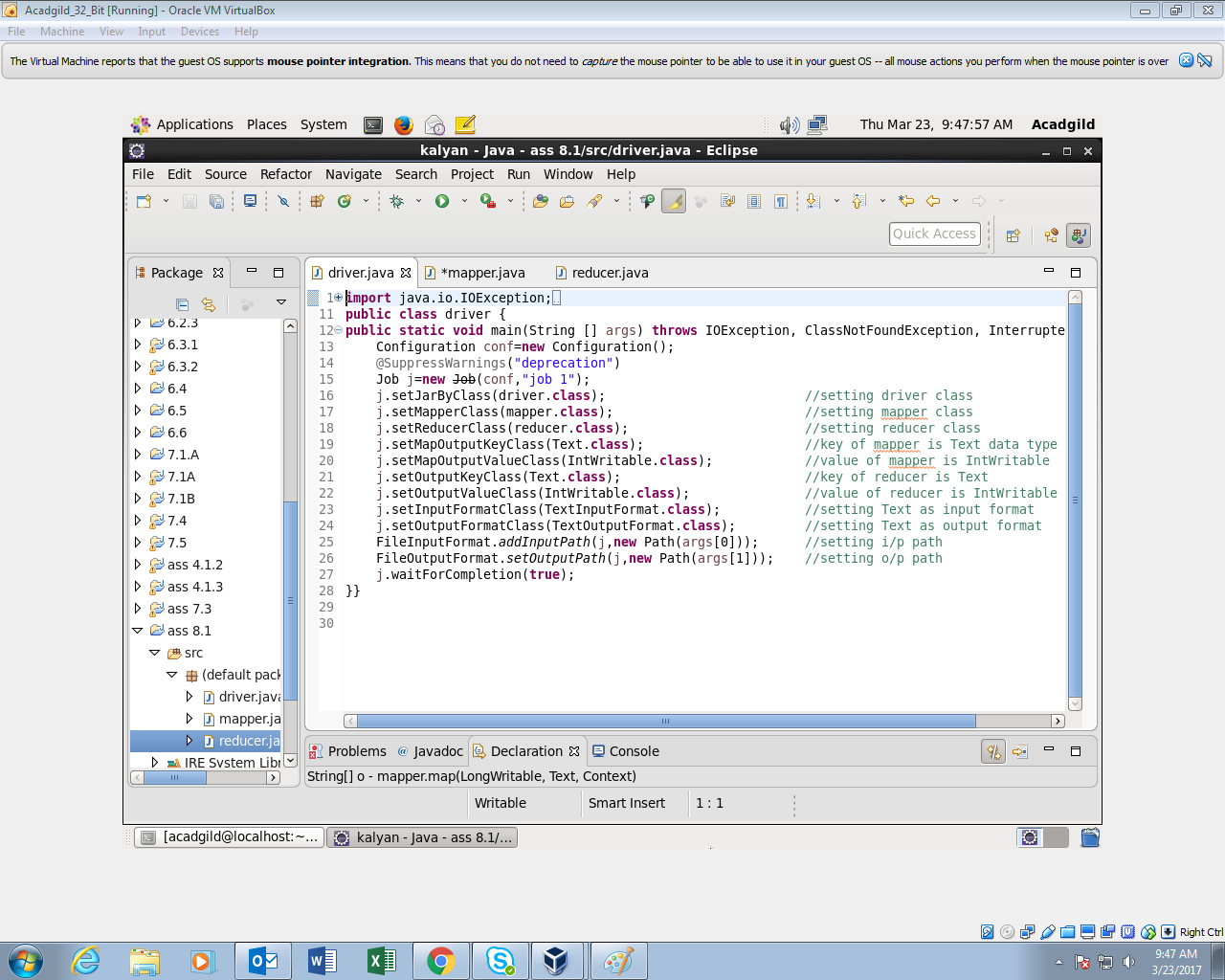
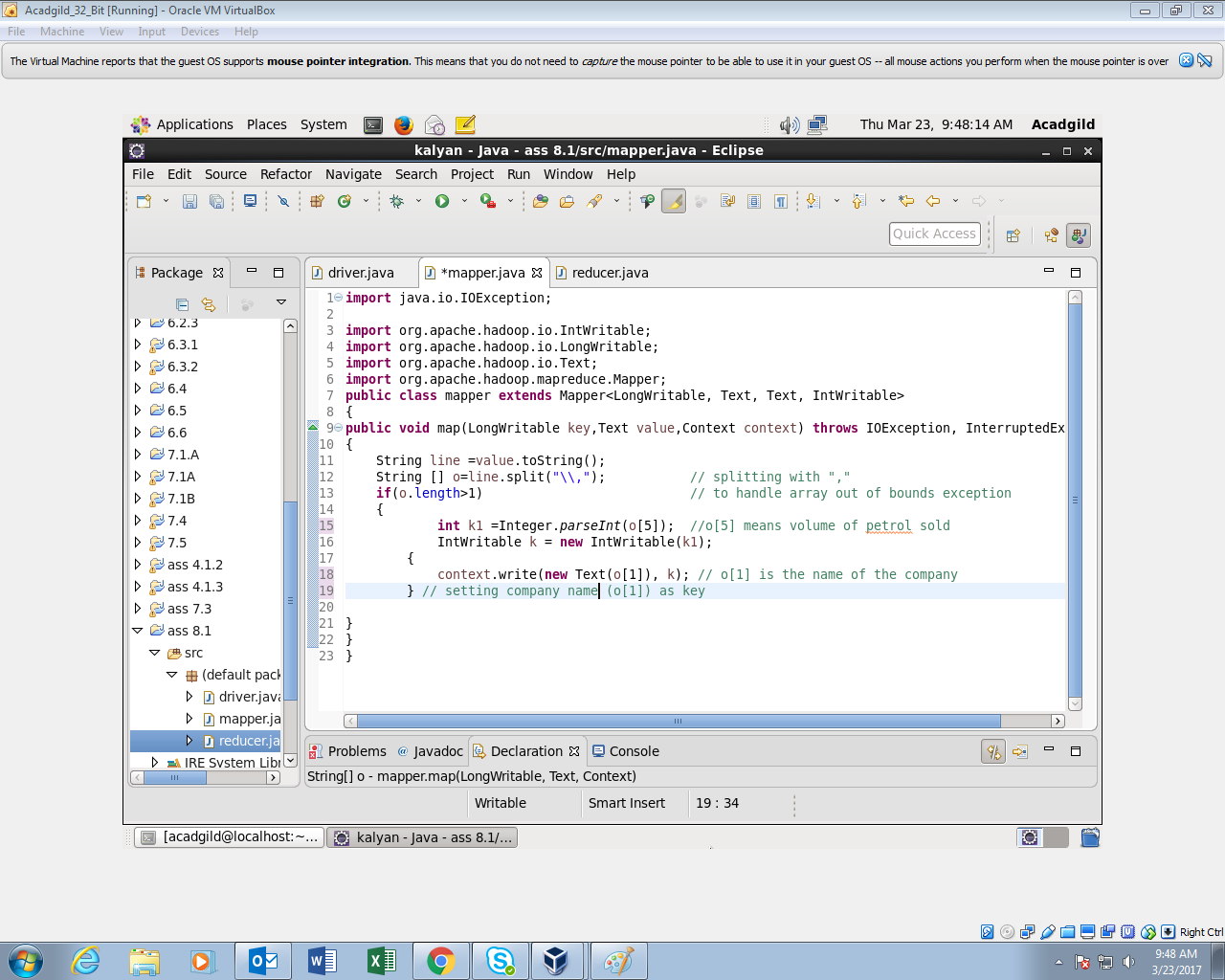
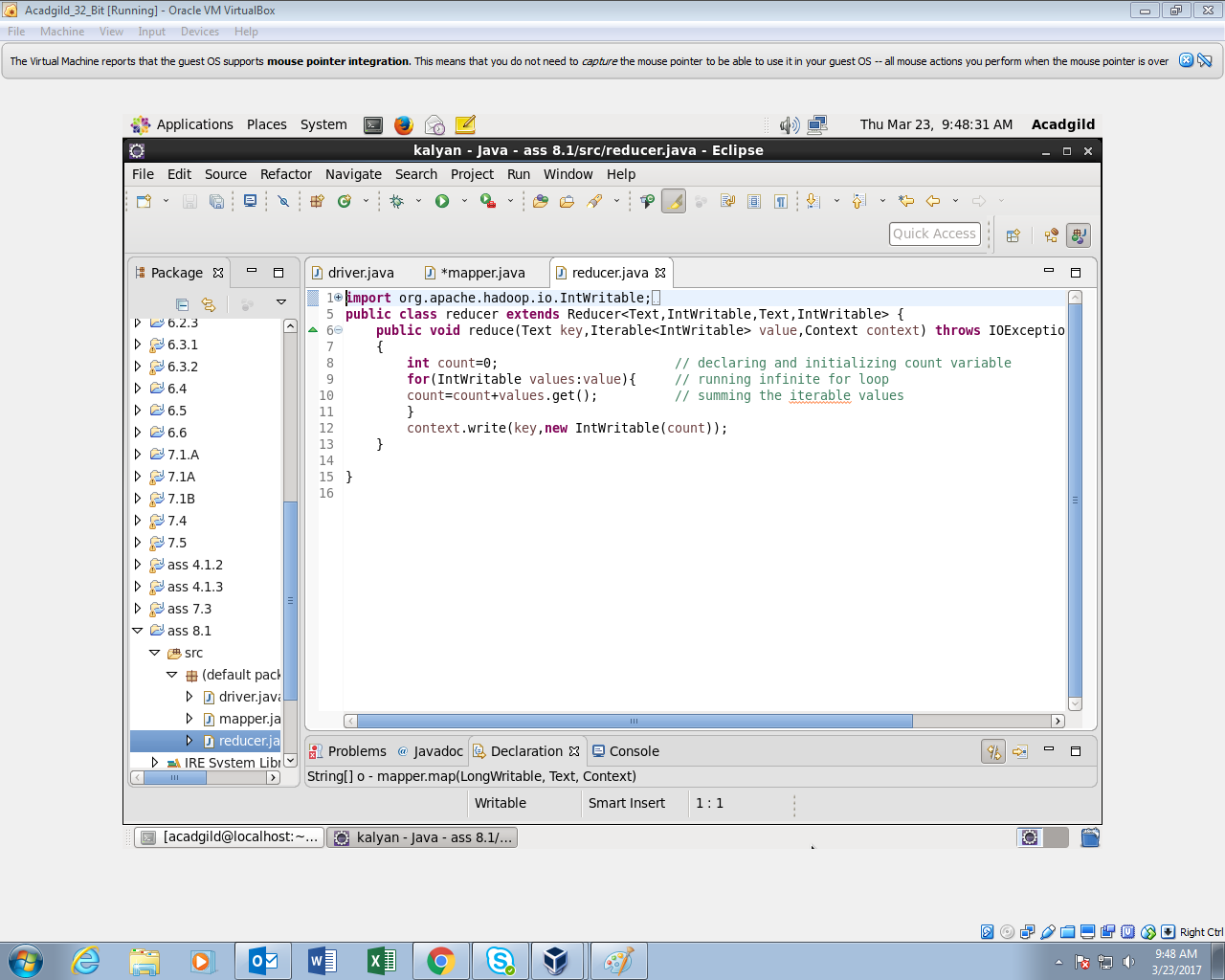
**8.1.1 Write a mapreduce program to find the total amount of petrol in volume sold by every distributor.**

****

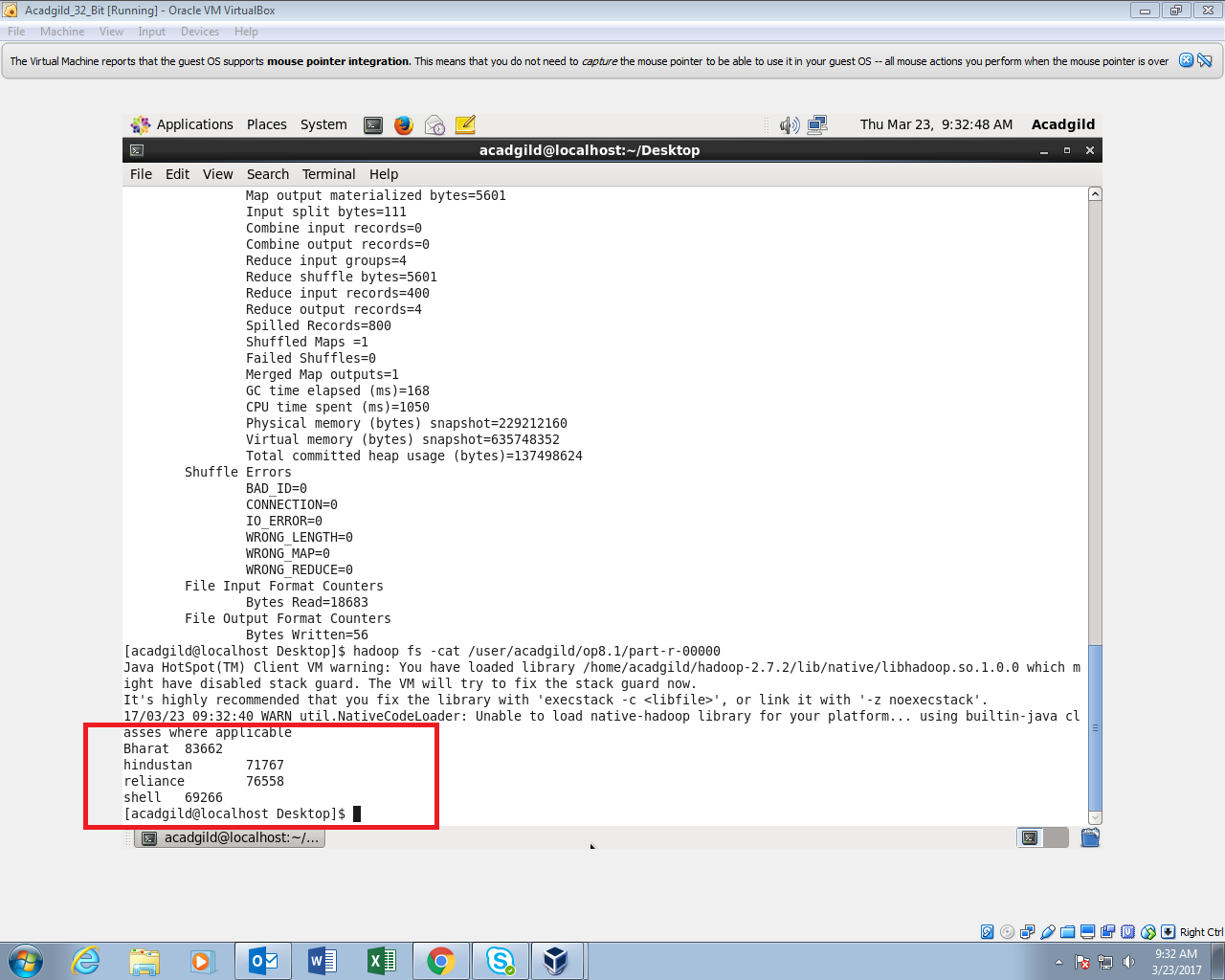
**MAPPER CLASS:**

****

**REDUCER CLASS:**

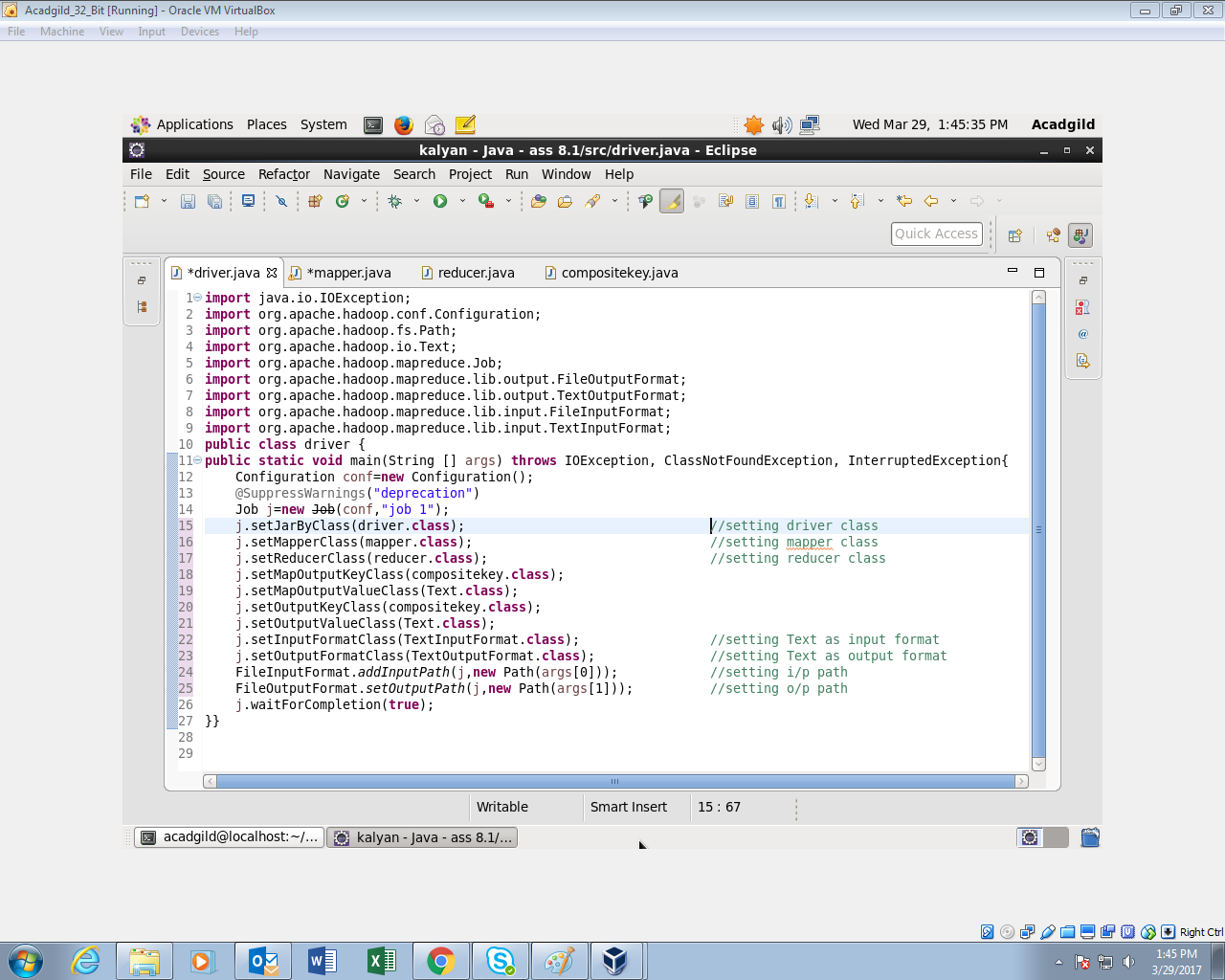
****

**OUTPUT:**

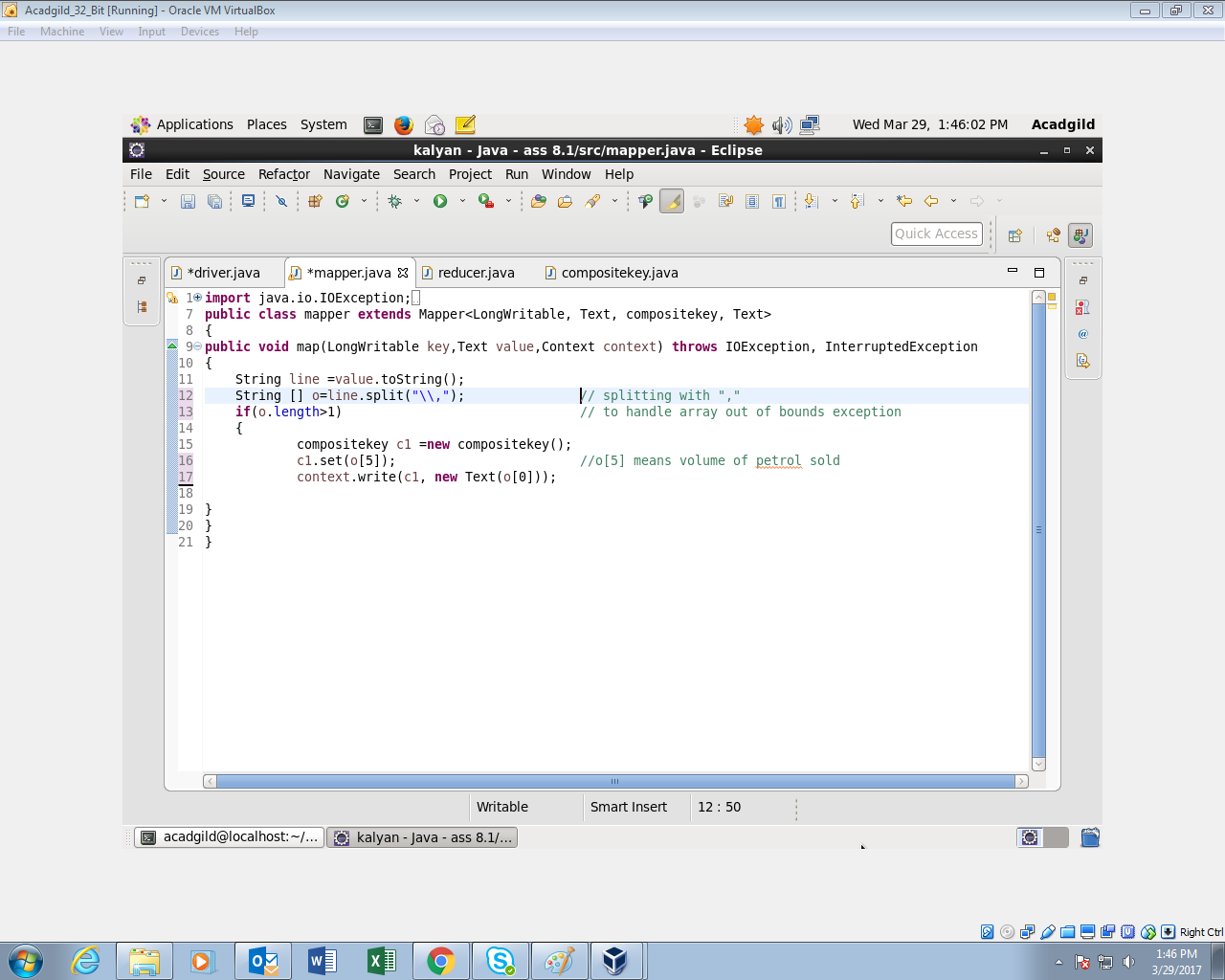
****

**8.1.2 Write a mapreduce program to find which are the top 10 distributors ID's for selling petrol and also display the amount of petrol sold in volume.**

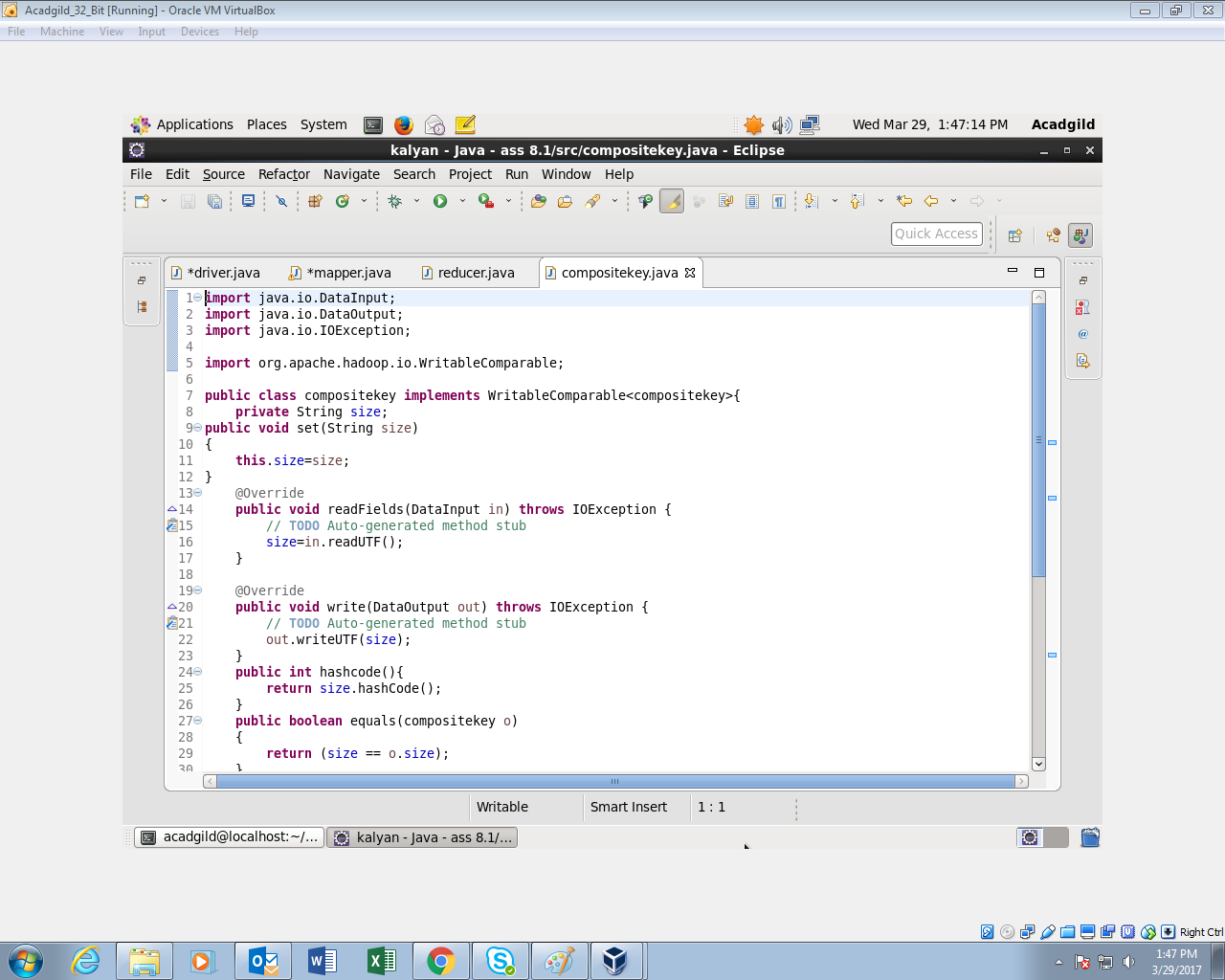
**DRIVER CLASS:**

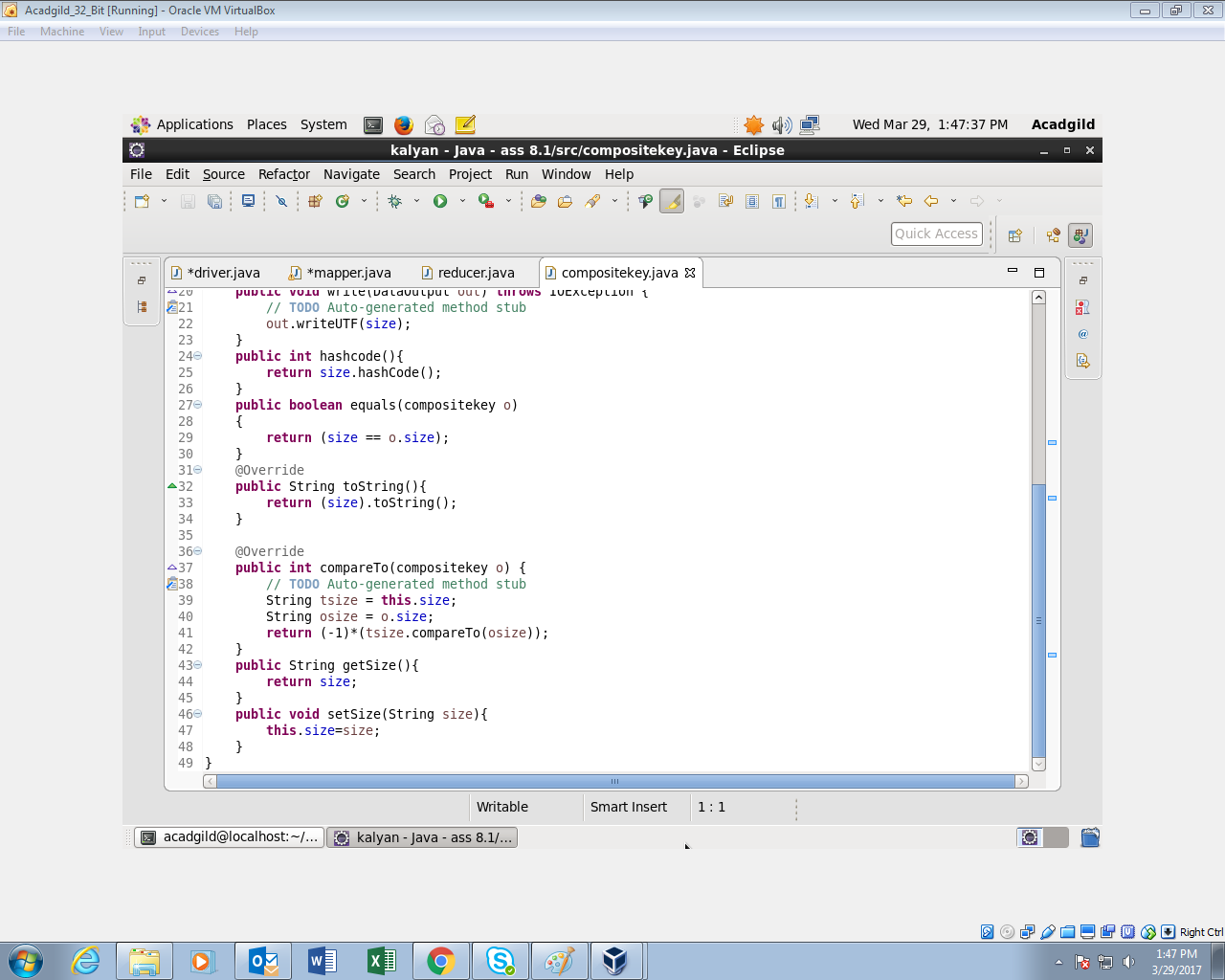
****

**MAPPER CLASS:**

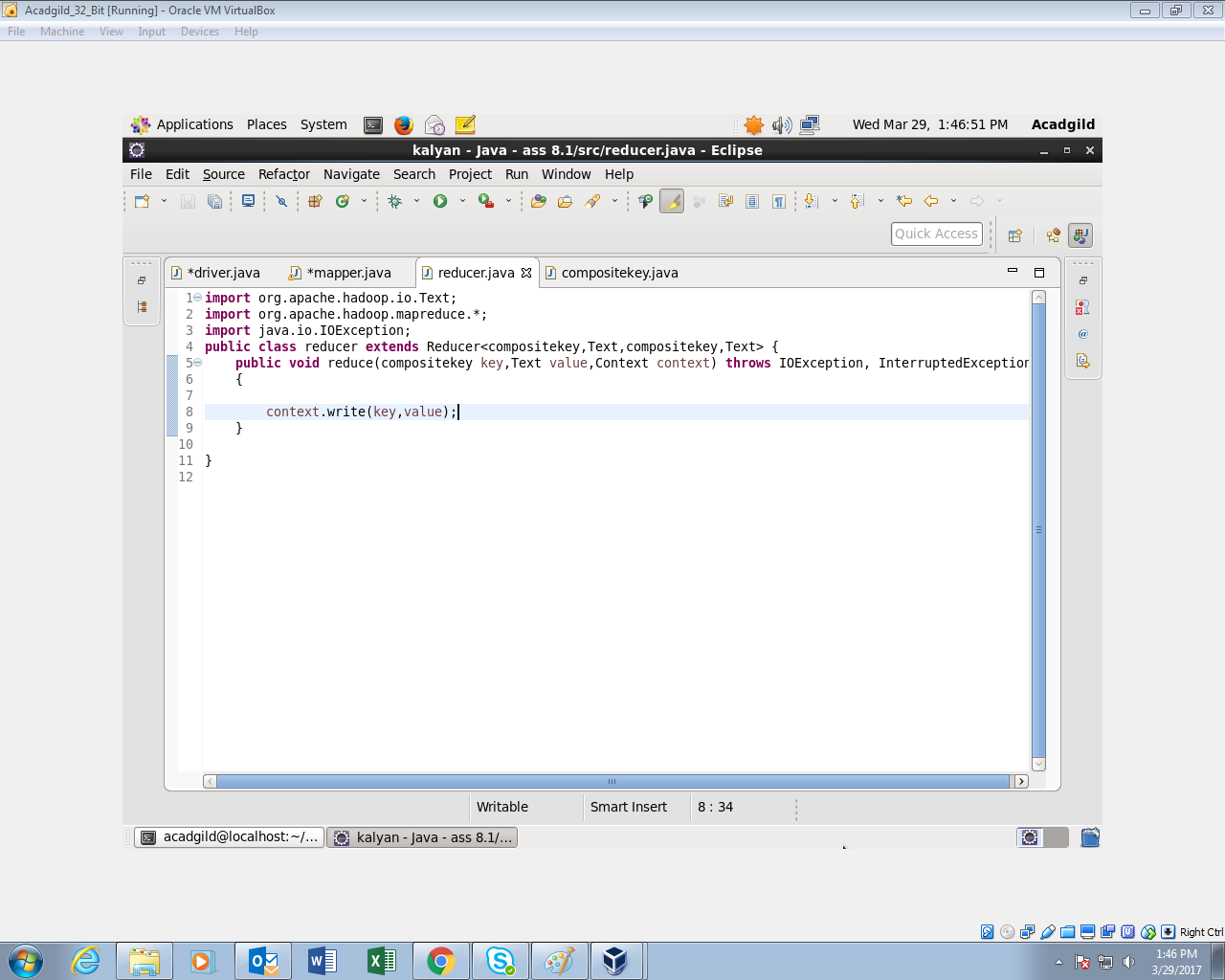
****

**COMPOSITE KEY CLASS:**

****

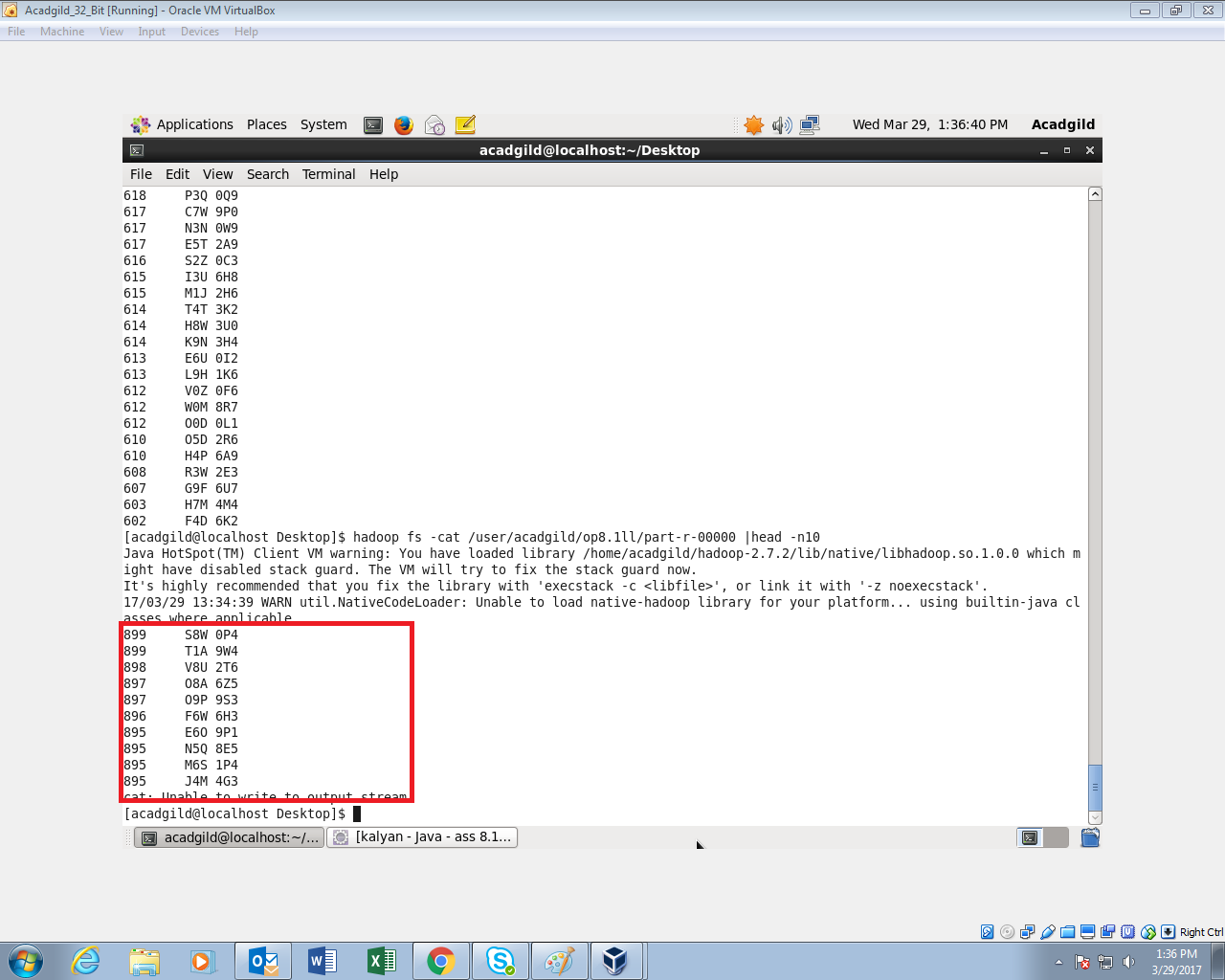
****

**REDUCER CLASS:**

****

**OUTPUT:**

**USING HEAD –n10 to display only top 10 entries**

****