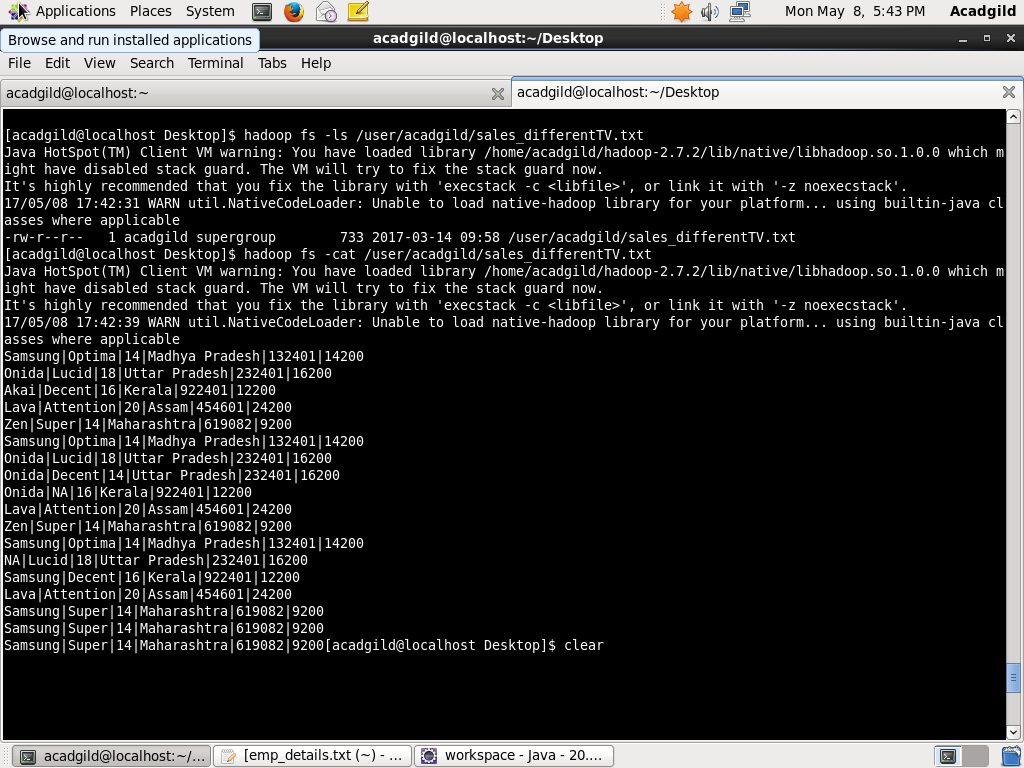
**Assignment 20.2**

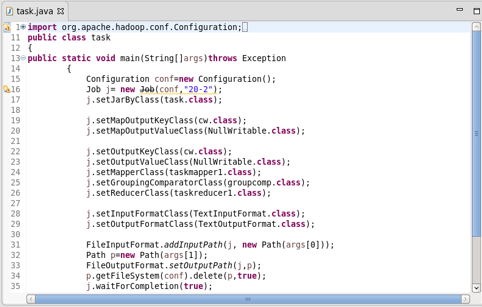
**DATASET:**

****

**We will use the above database for which we need to find out the top-3 state wise sales for each company.**

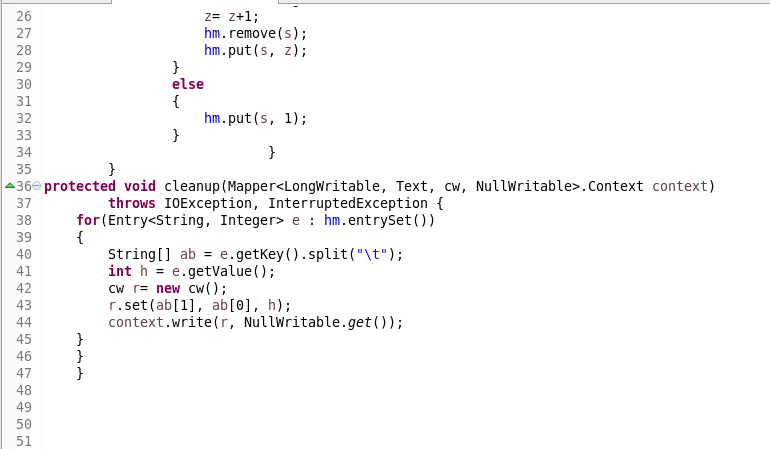
**PROGRAM:**

**DRIVER CLASS**

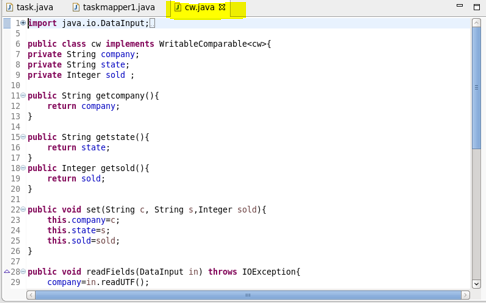


**MAPPER CLASS**



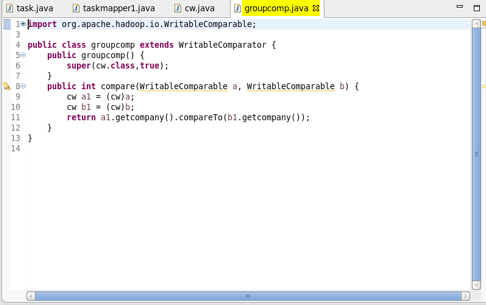


**CUSTOM\_KEY CLASS**

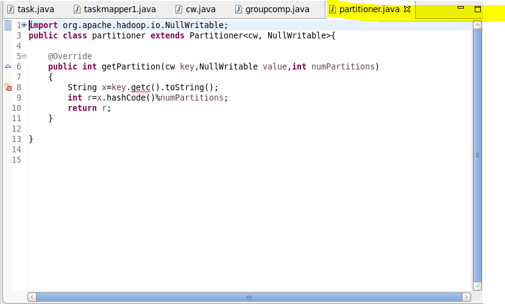




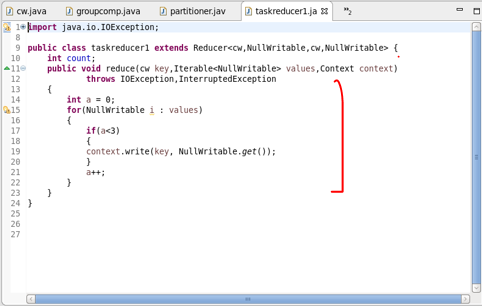
**GROUP COMPARATOR CLASS**



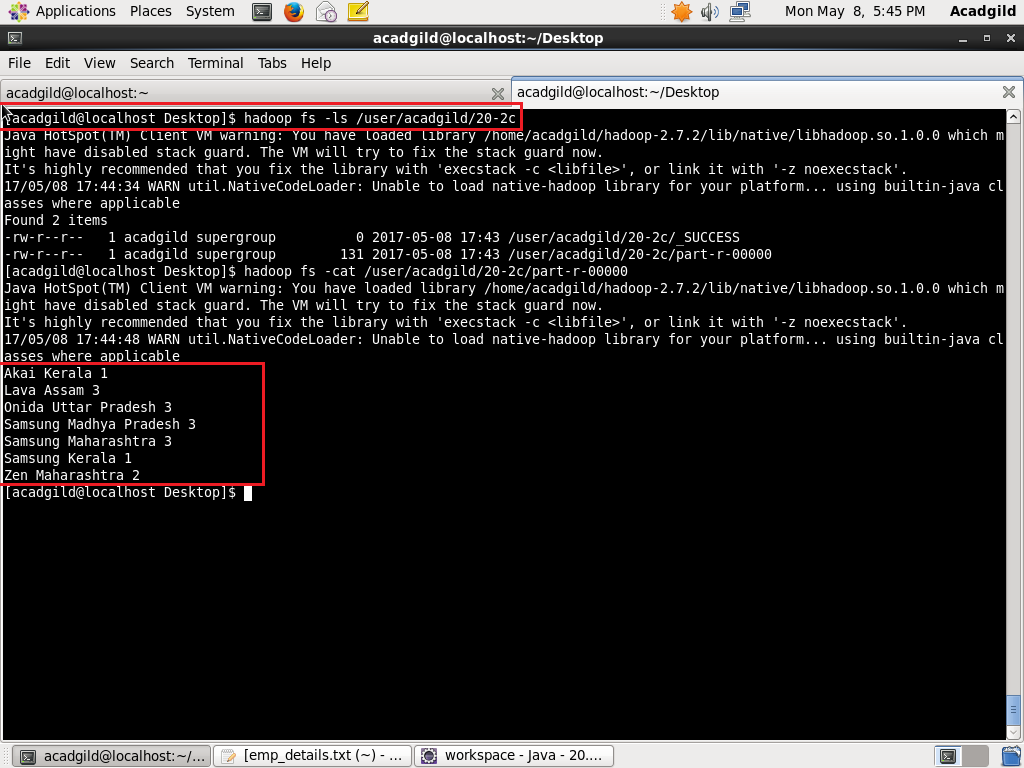
**PARTITIONER CLASS**



**REDUCER CLASS**



**OUTPUT:**

****