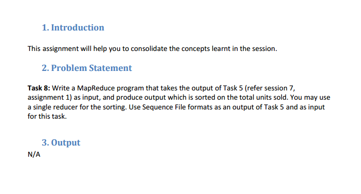
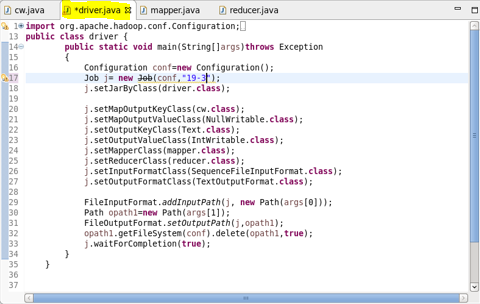
**Assignment 19.3**

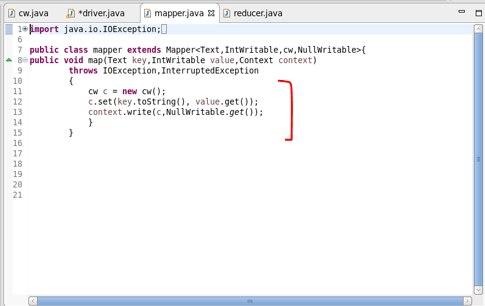


**PROGRAM:**

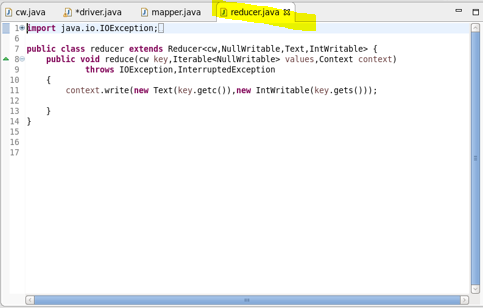
**DRIVER CLASS**



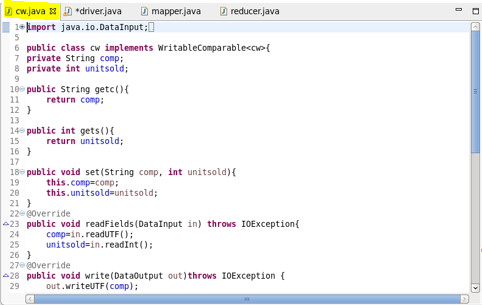
**MAPPER CLASS**

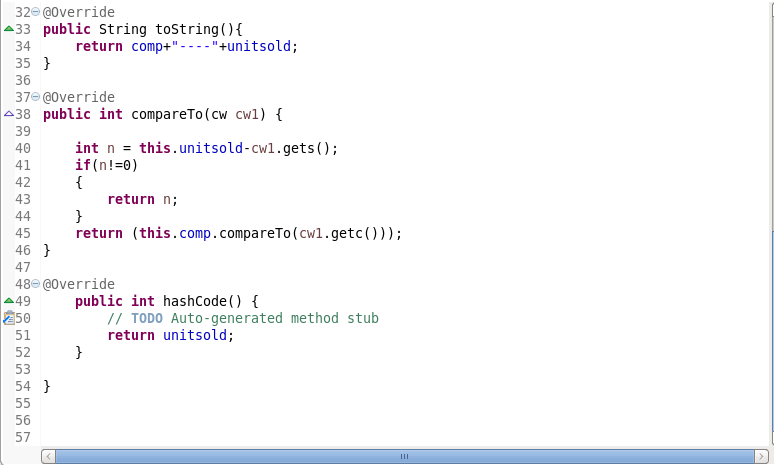


**REDUCER CLASS**

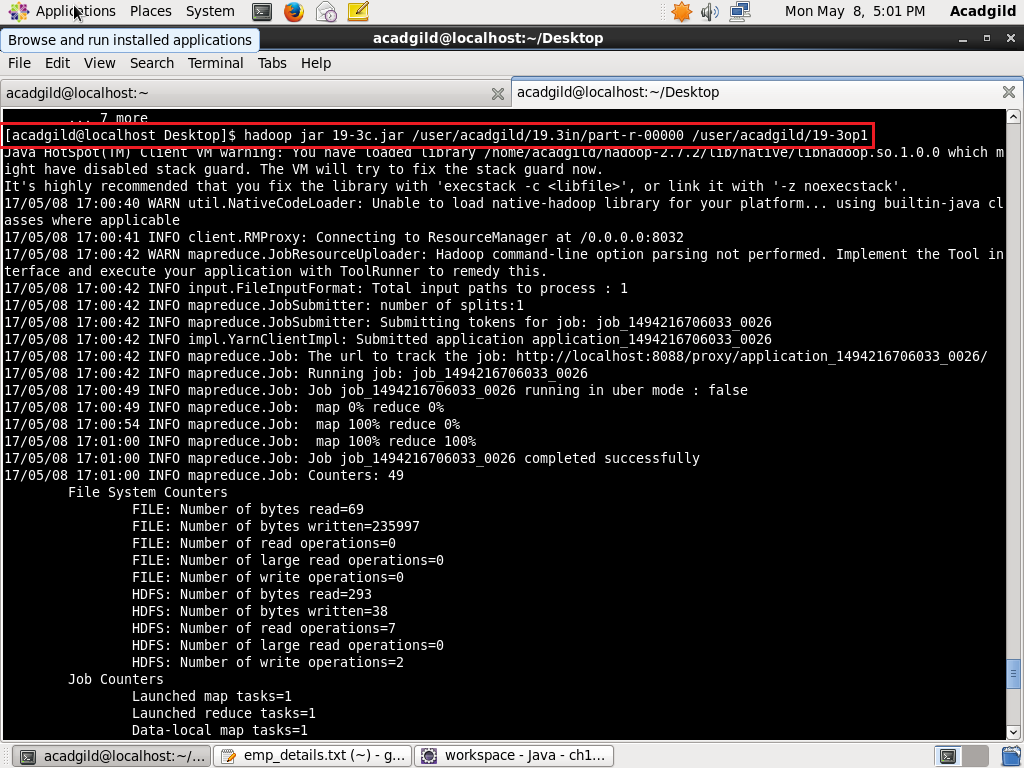


**CUSTOM\_KEY CLASS**

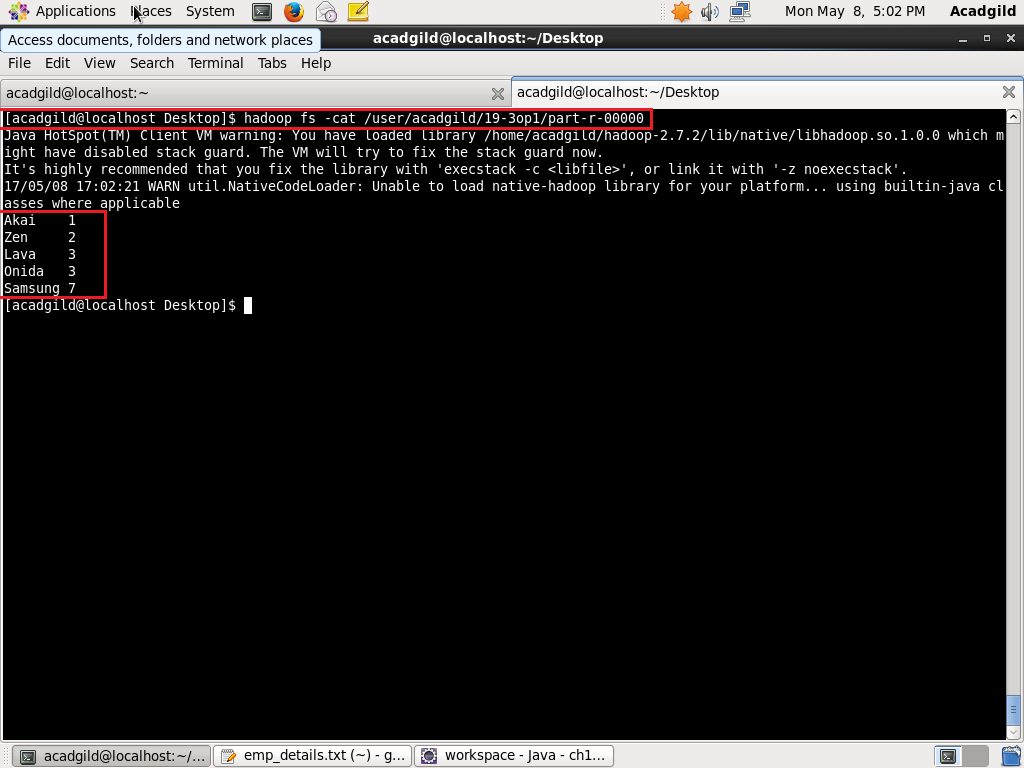




**EXECUTING COMMAND:**

****

**Output:**

****

**Dataset:**

