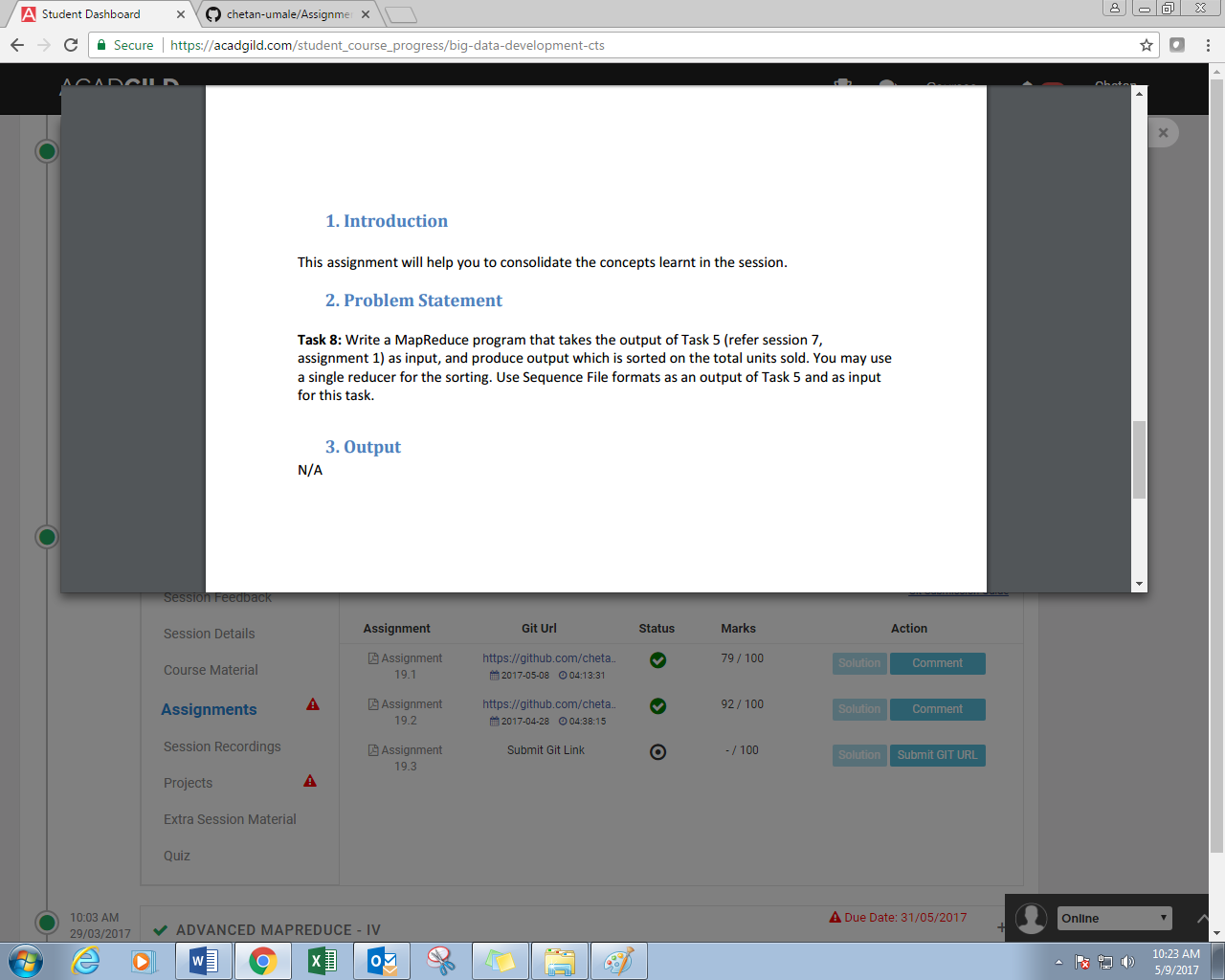
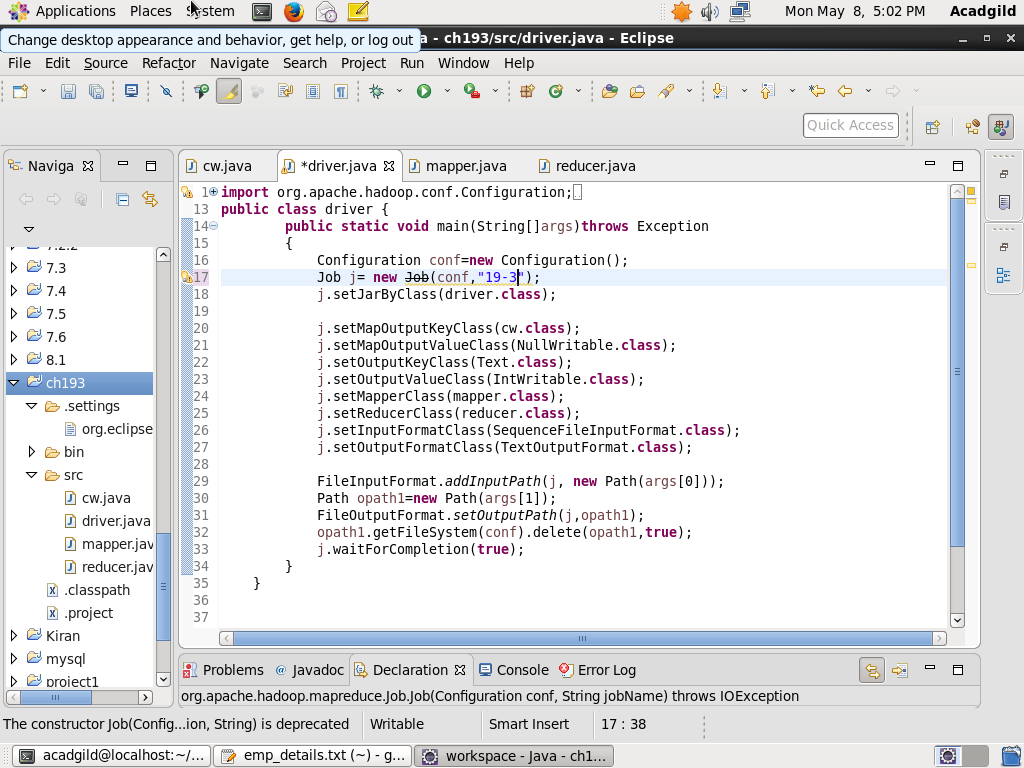
**ASS-19.3**

**PROBLEM STATEMENT:**

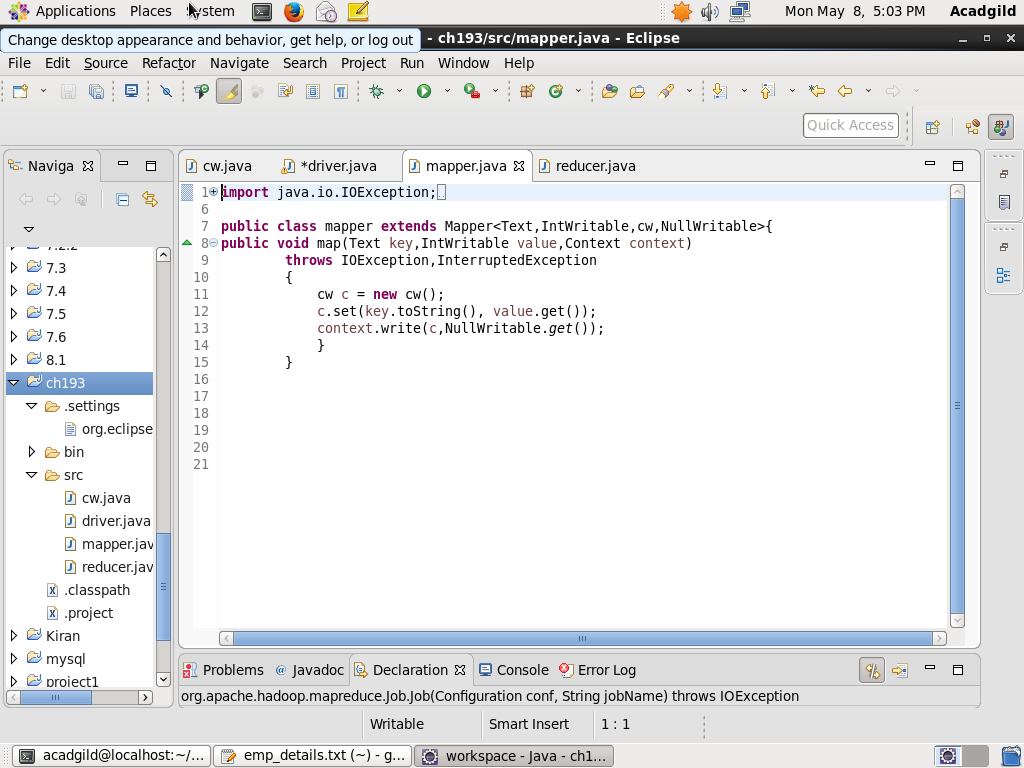


**PROGRAM:**

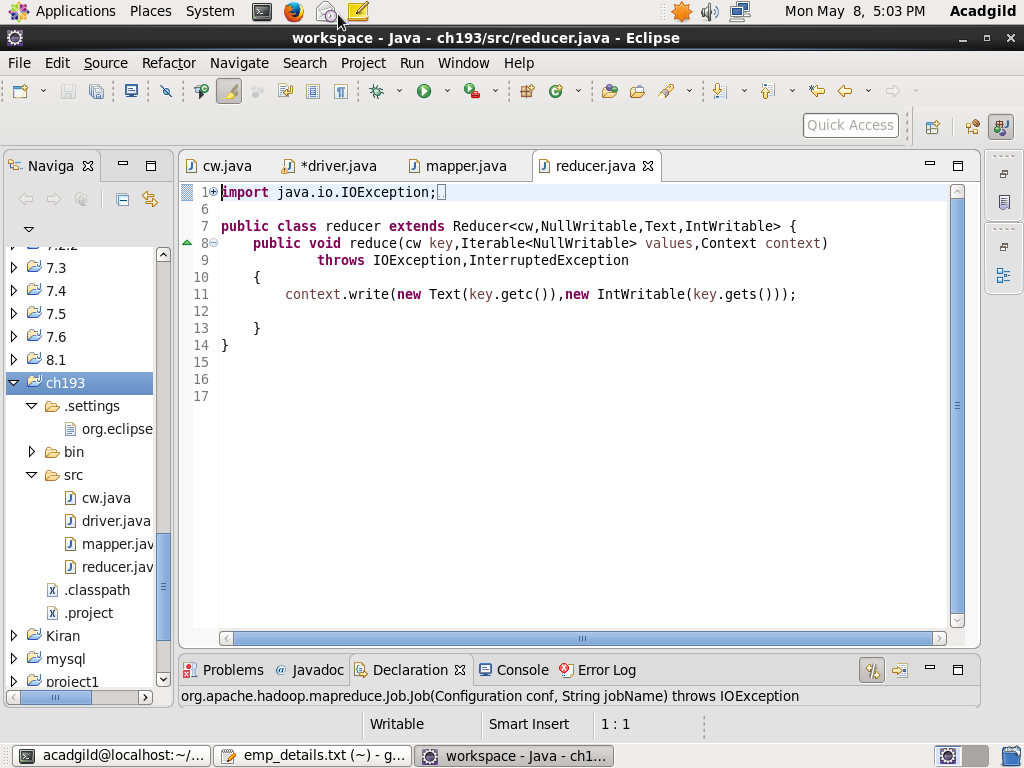
//DRIVER CLASS



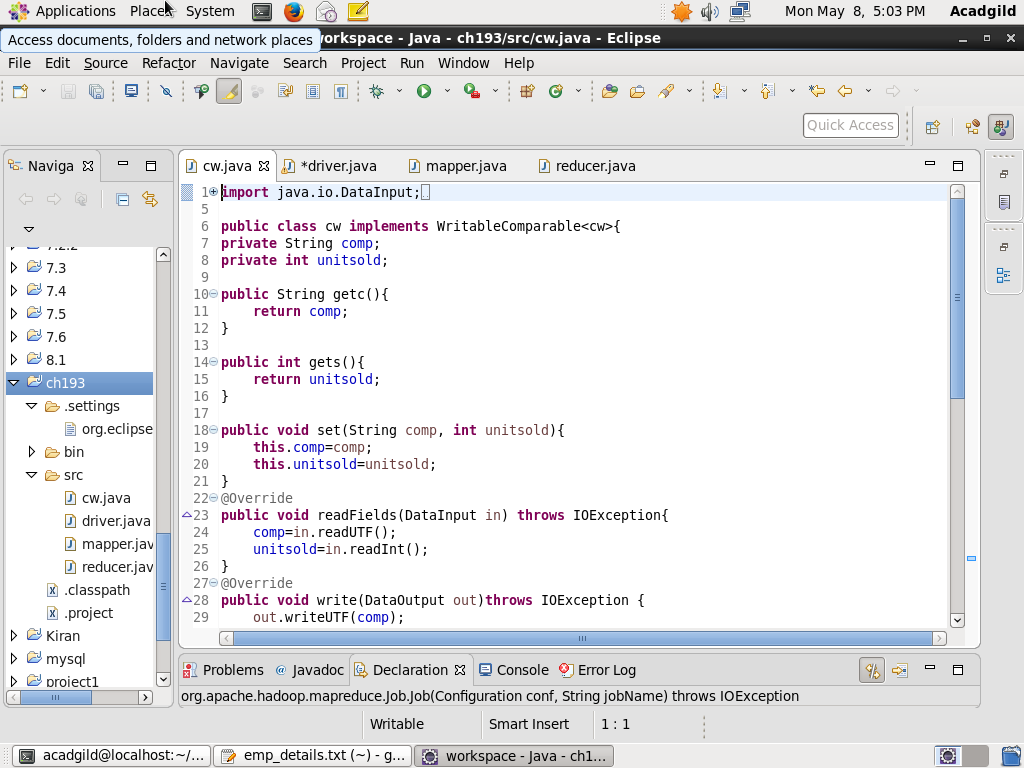
//MAPPER CLASS

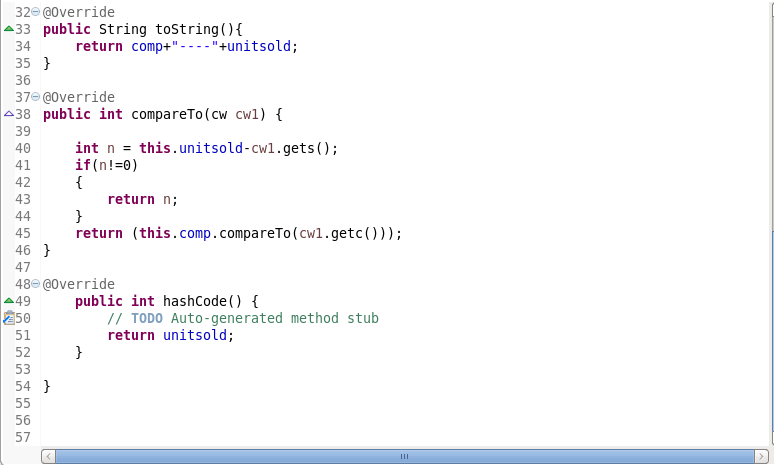


//REDUCER CLASS

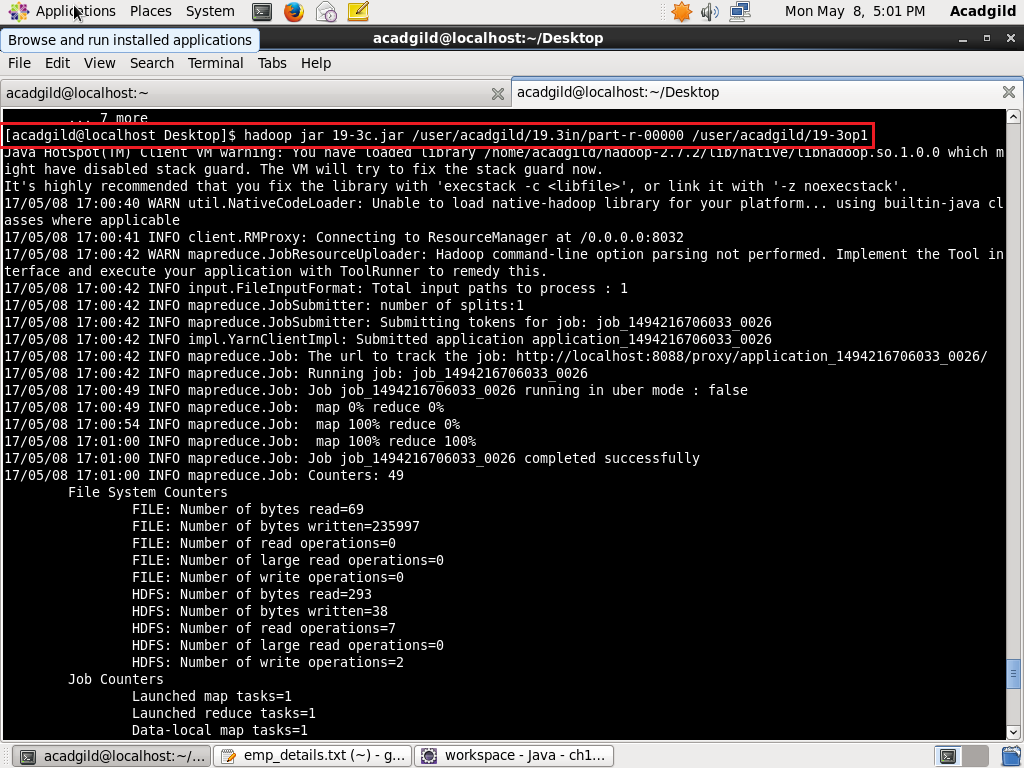


//CUSTOM\_KEY CLASS

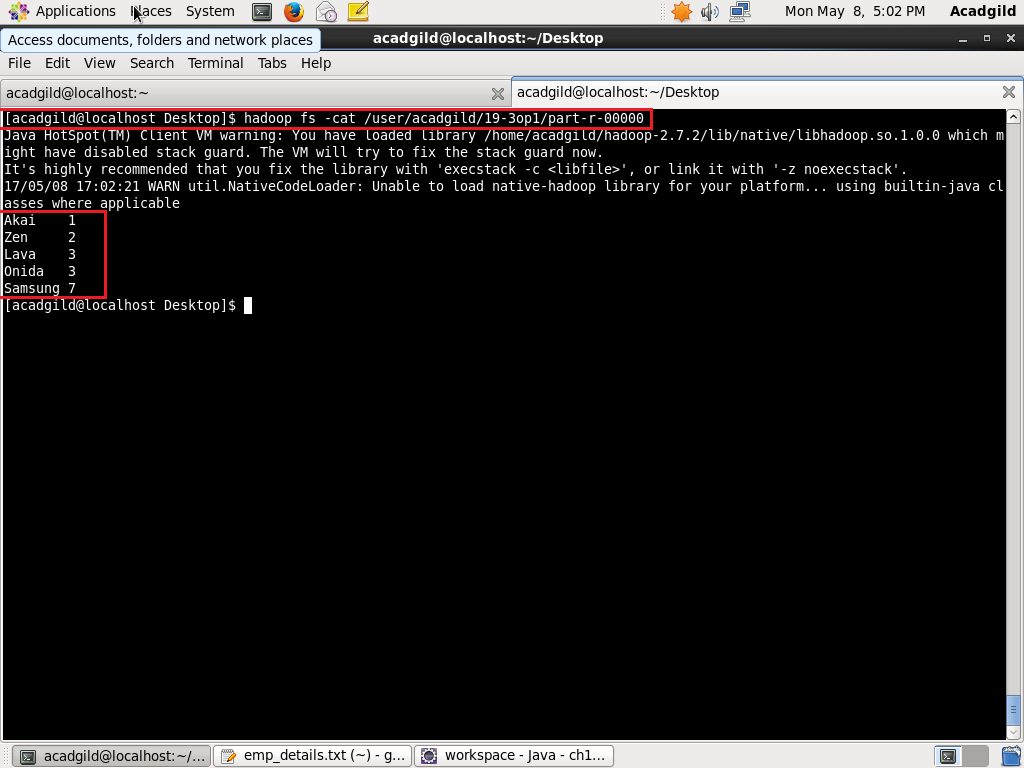




**EXECUTION COMMAND:**

****

**Output:**

****

**Dataset:**

