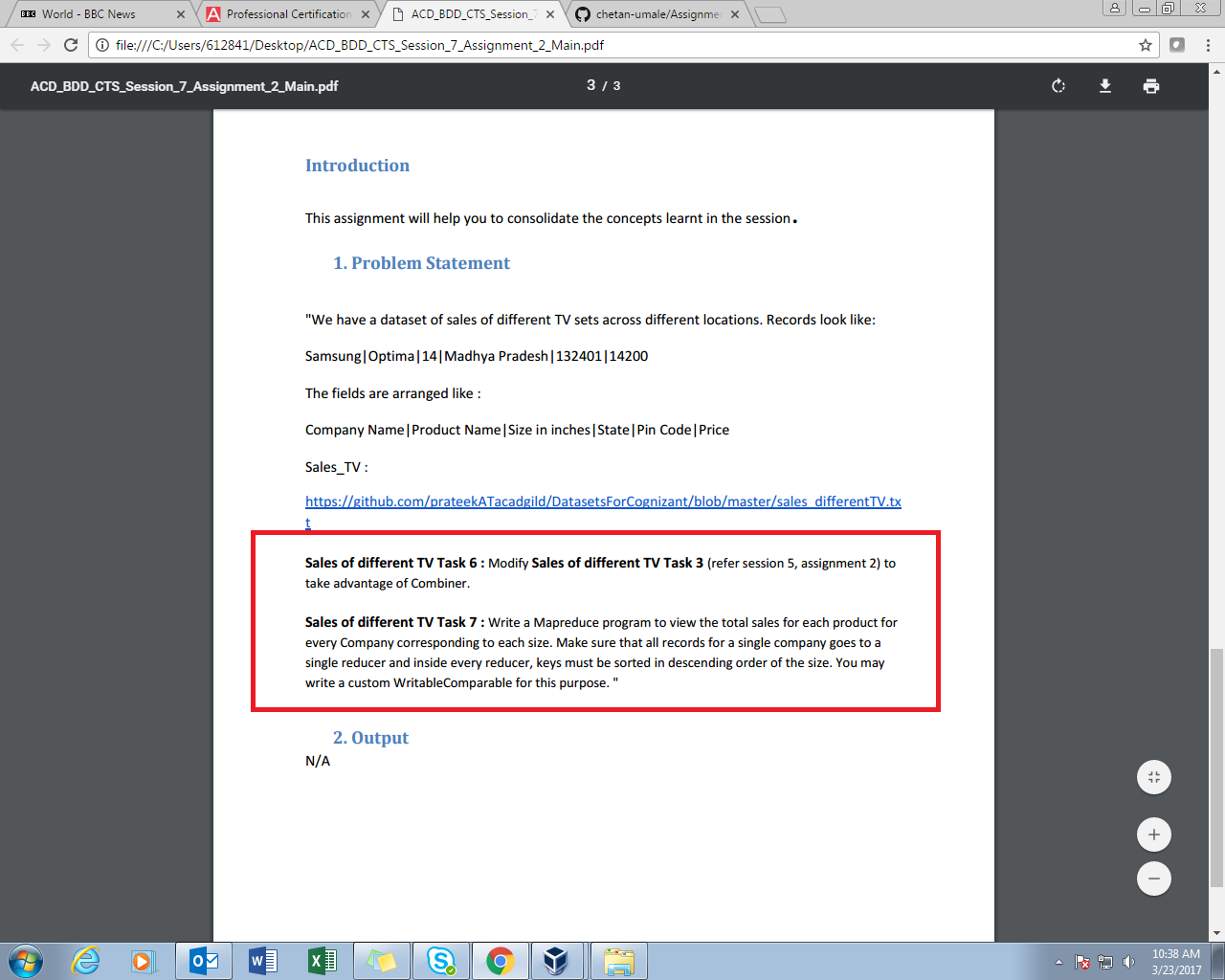
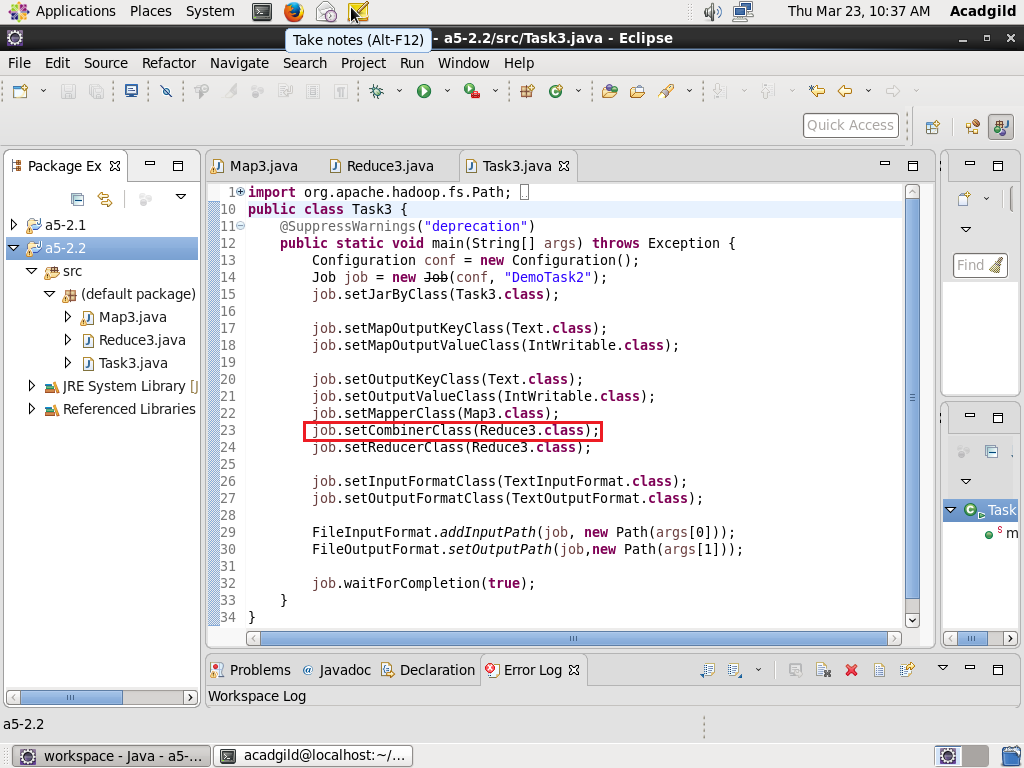
PROBLEM STATEMENT:



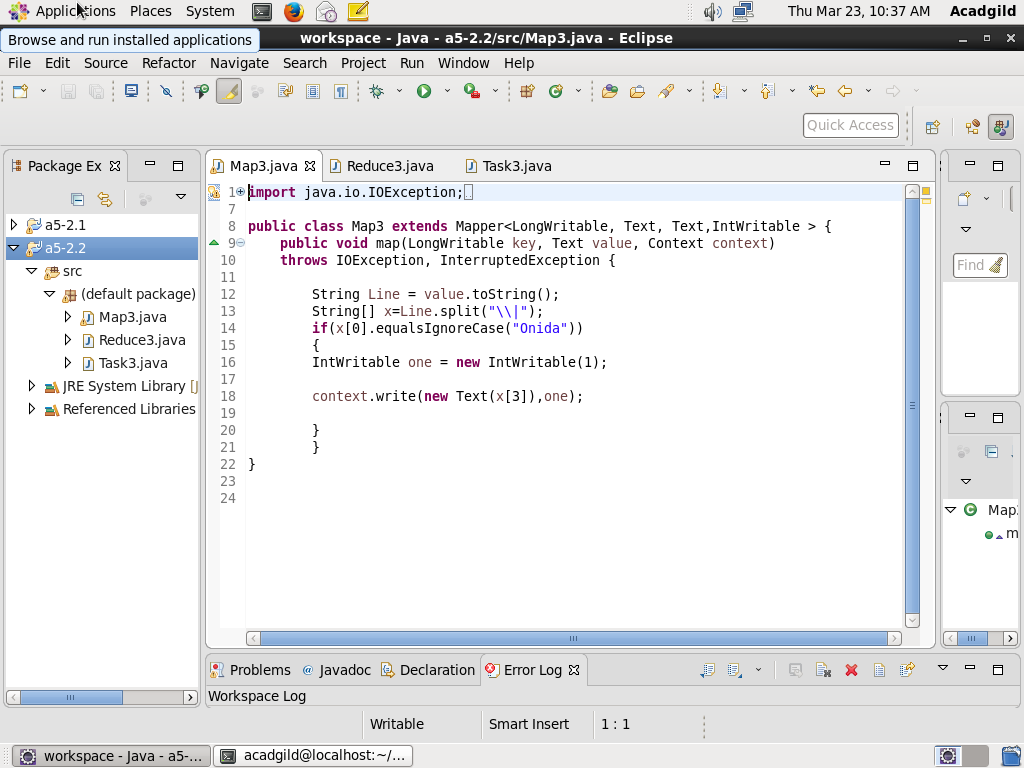
SOLUTION-1:

PROGRAM:

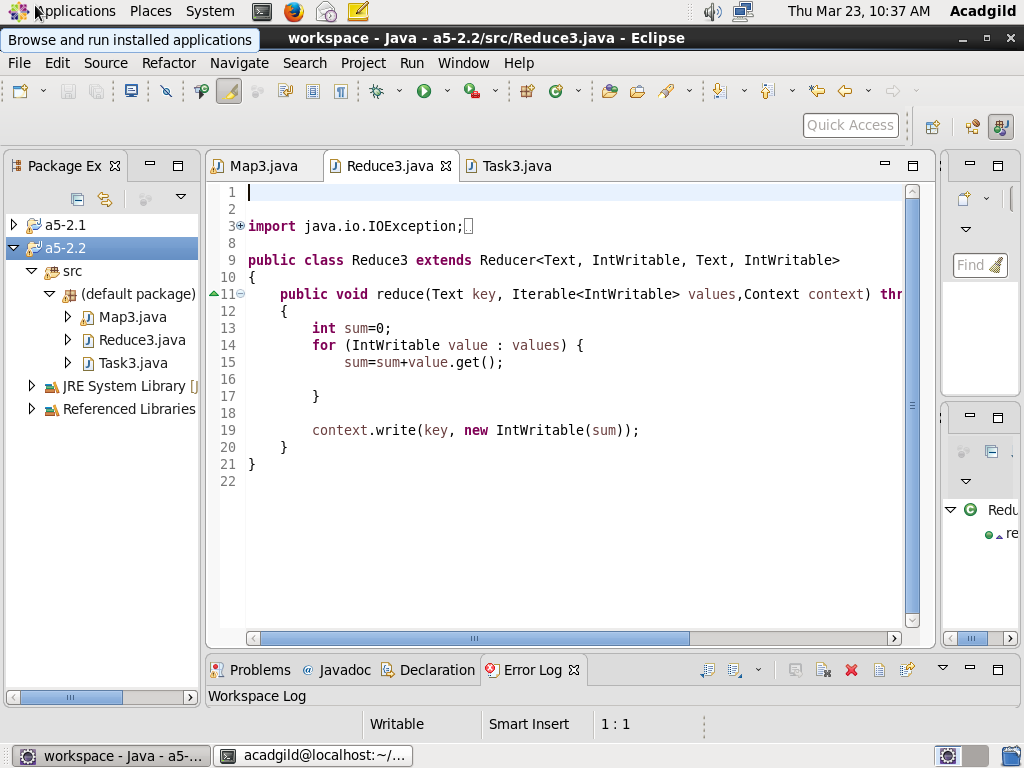
DRIVER CLASS



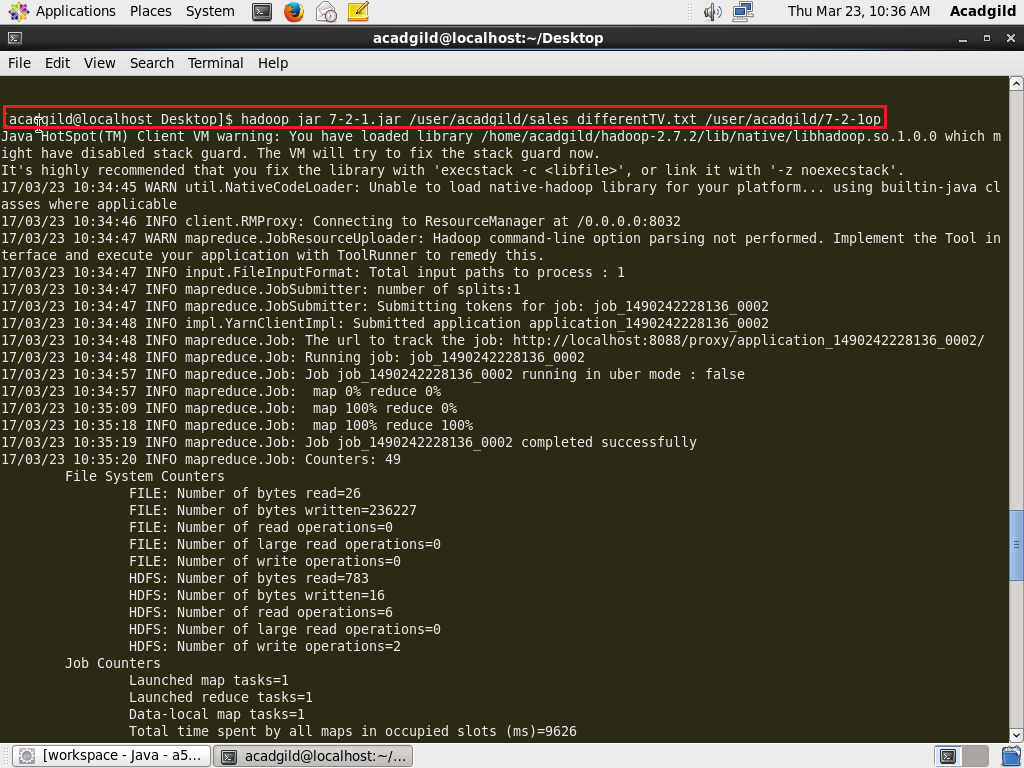
MAPPER CLASS

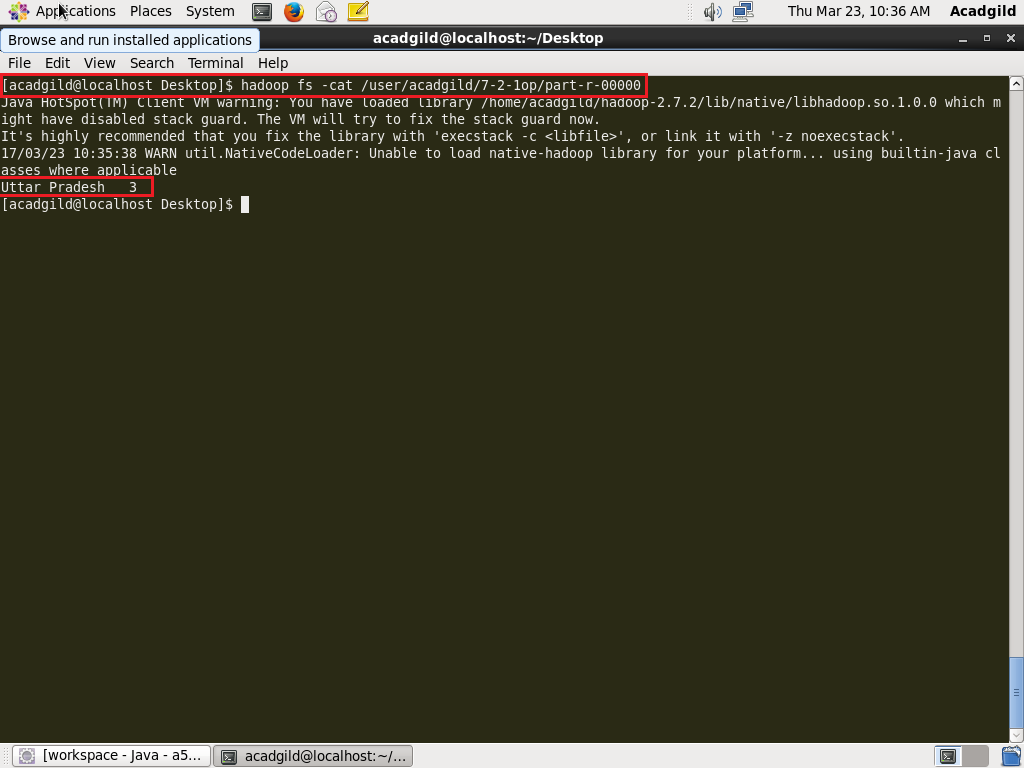


REDUCER CLASS



OUTPUT:

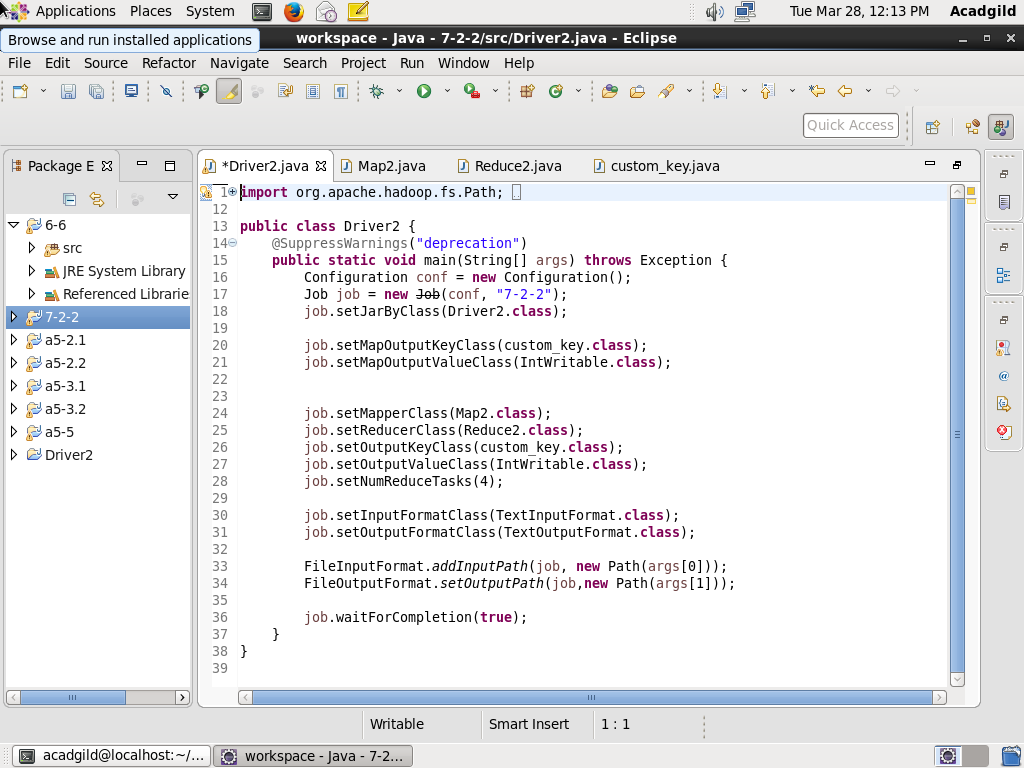




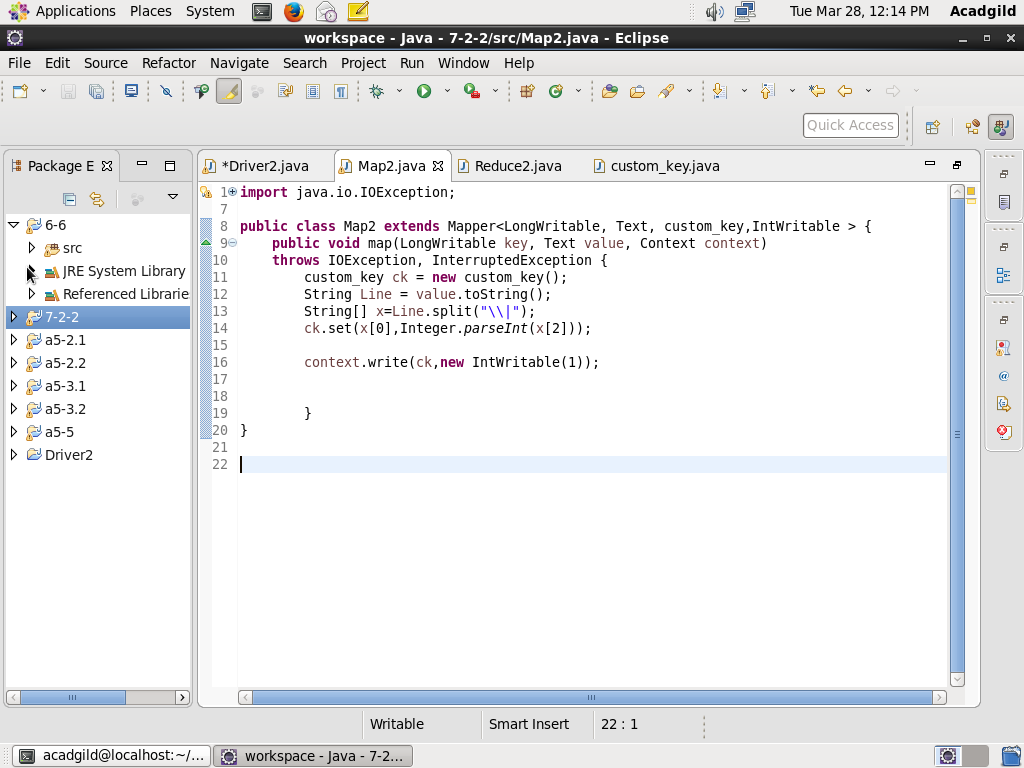
SOLUTION-2:

PROGRAM:

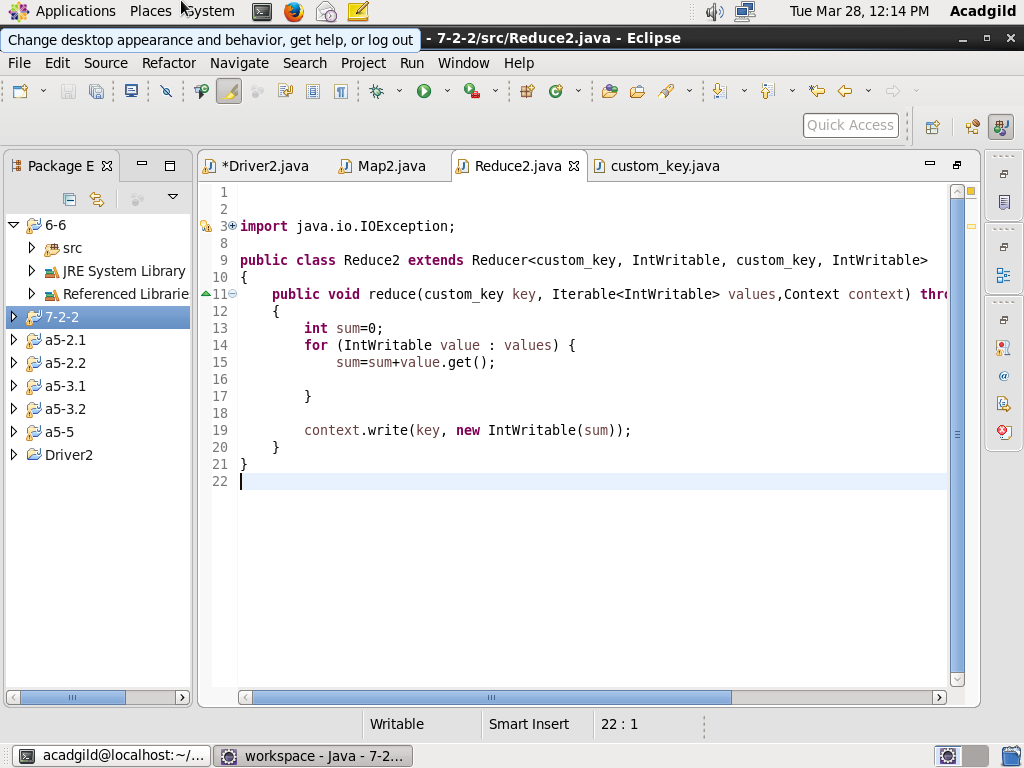
DRIVER CLASS



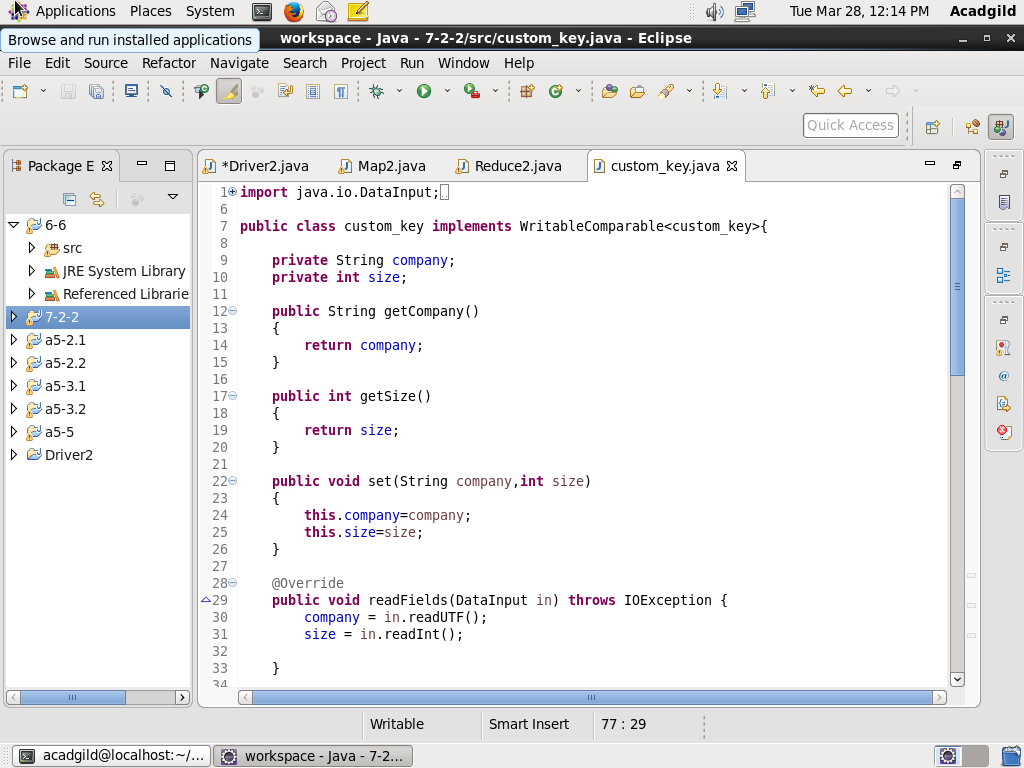
MAPPER CLASS

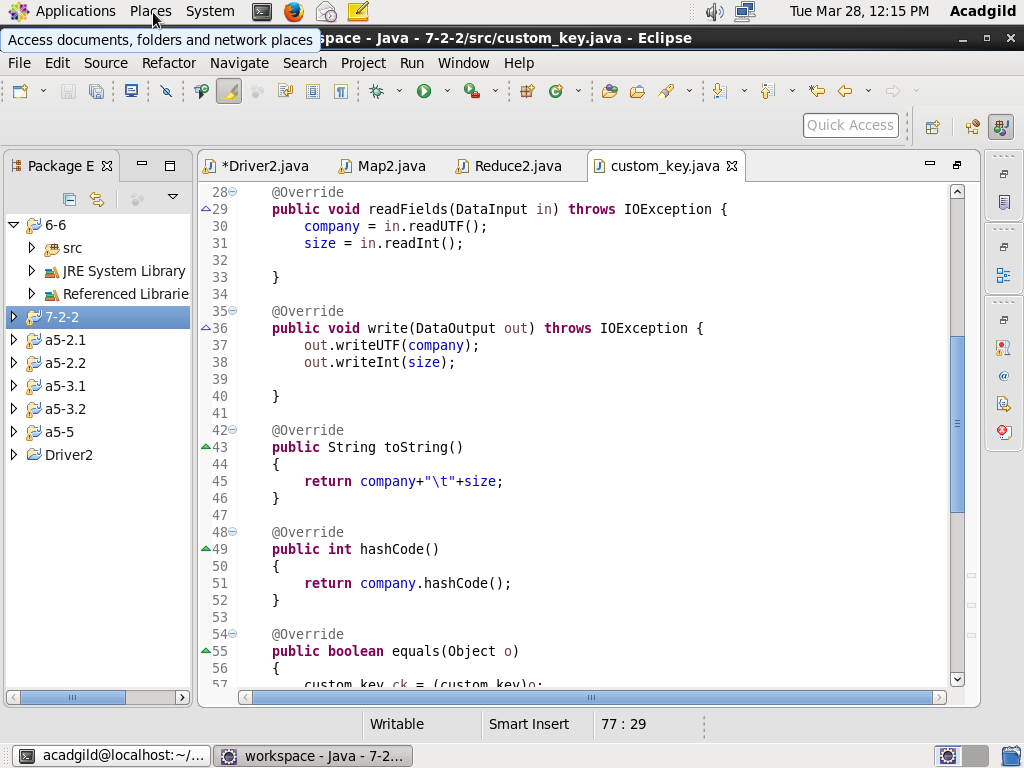


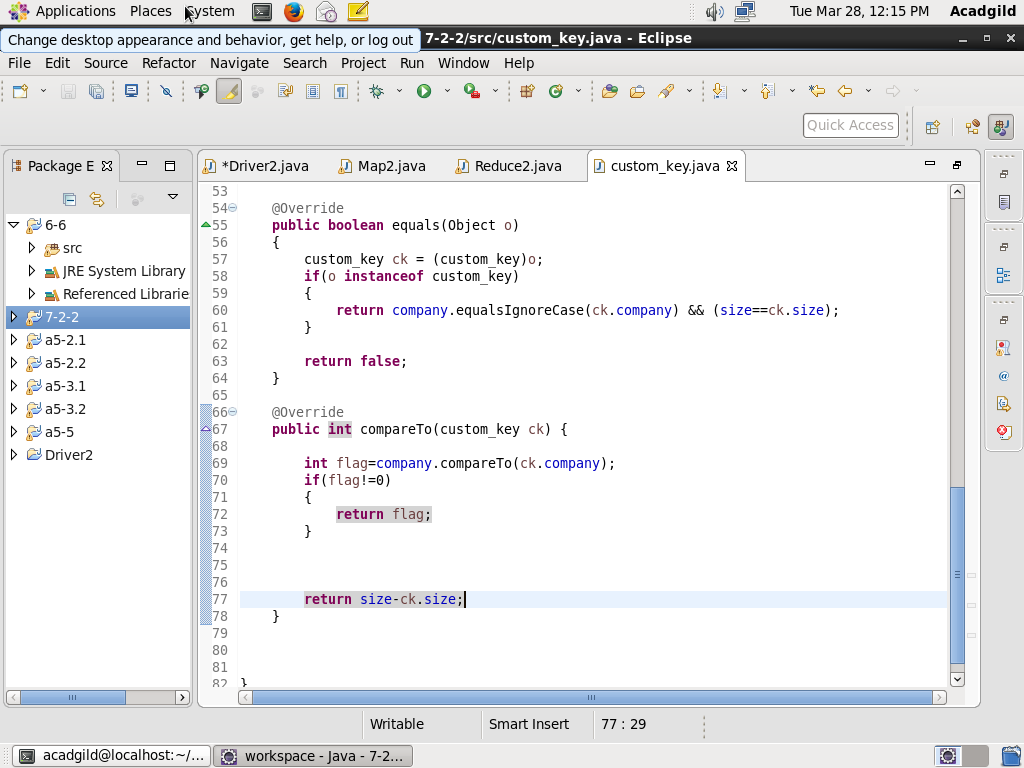
REDUCER CLASS



CUSTOM\_KEY CLASS (IMPLEMENTS Writablecomparable interface)







OUTPUT:

