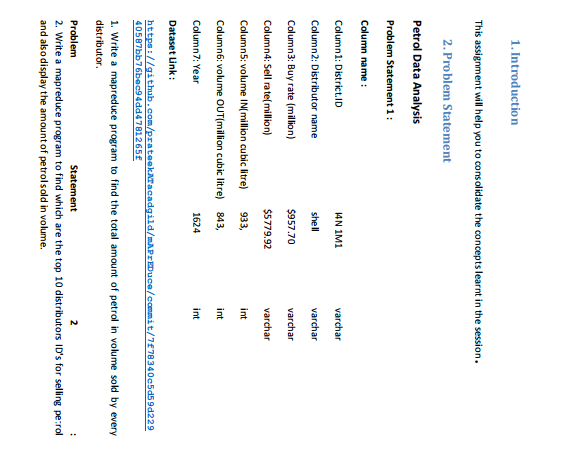
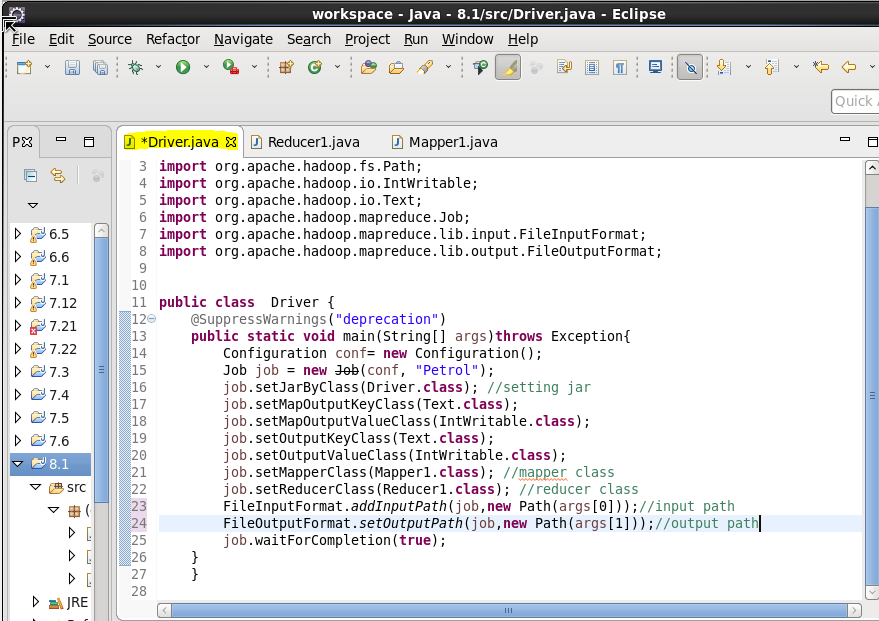
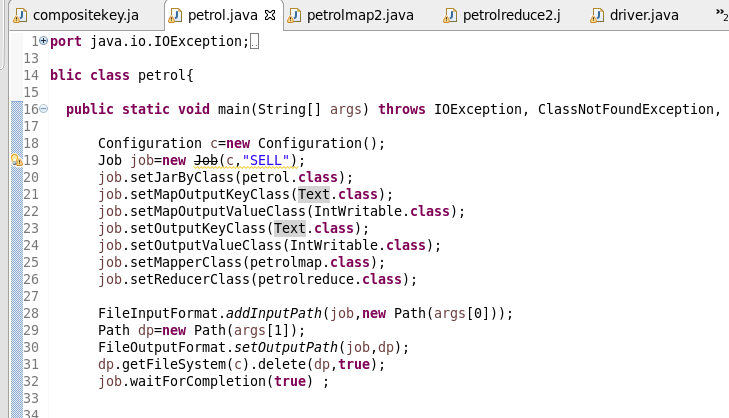
**Assignment 8.1**

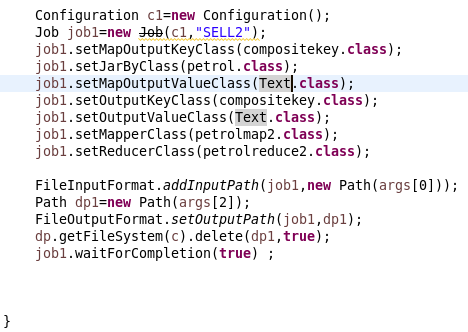
****

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

**DRIVER CLASS**

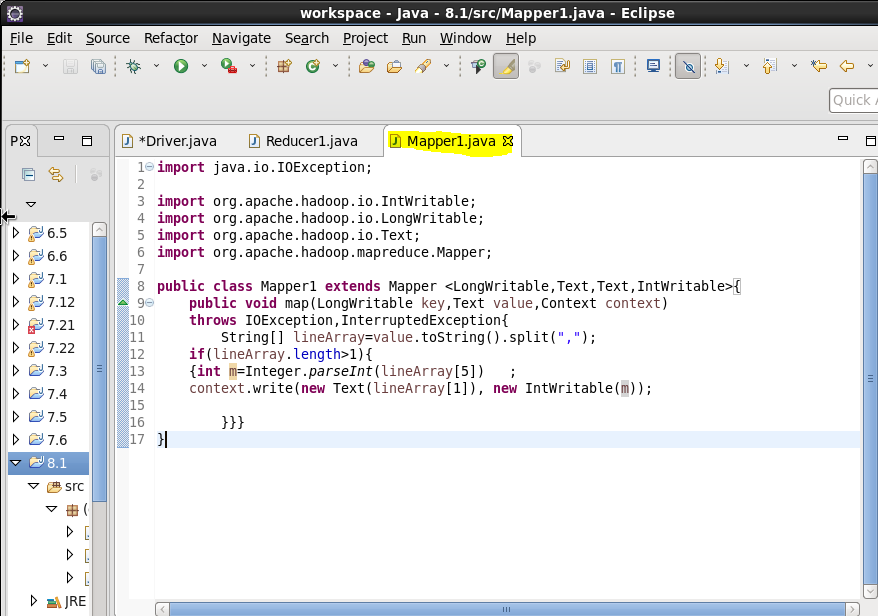
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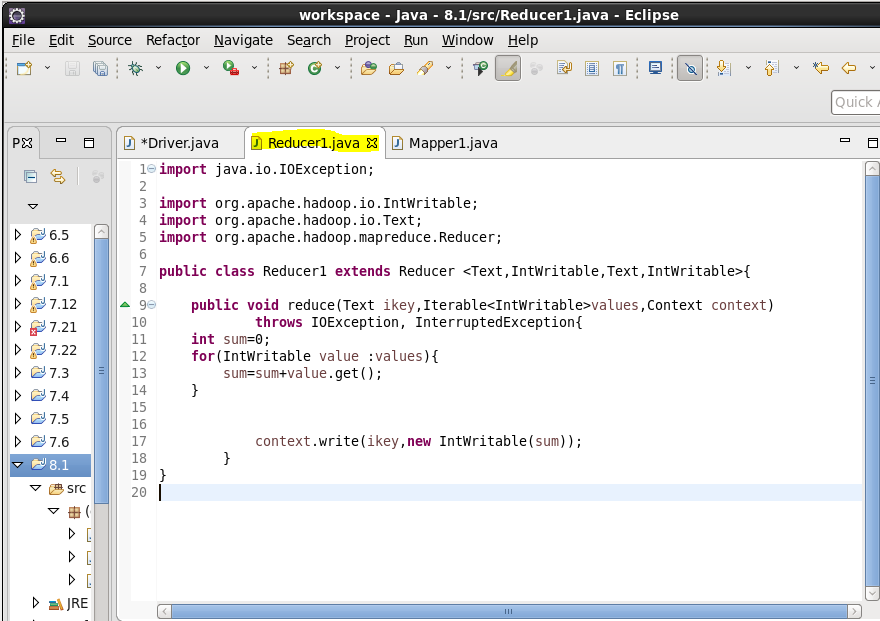


**MAPPER**

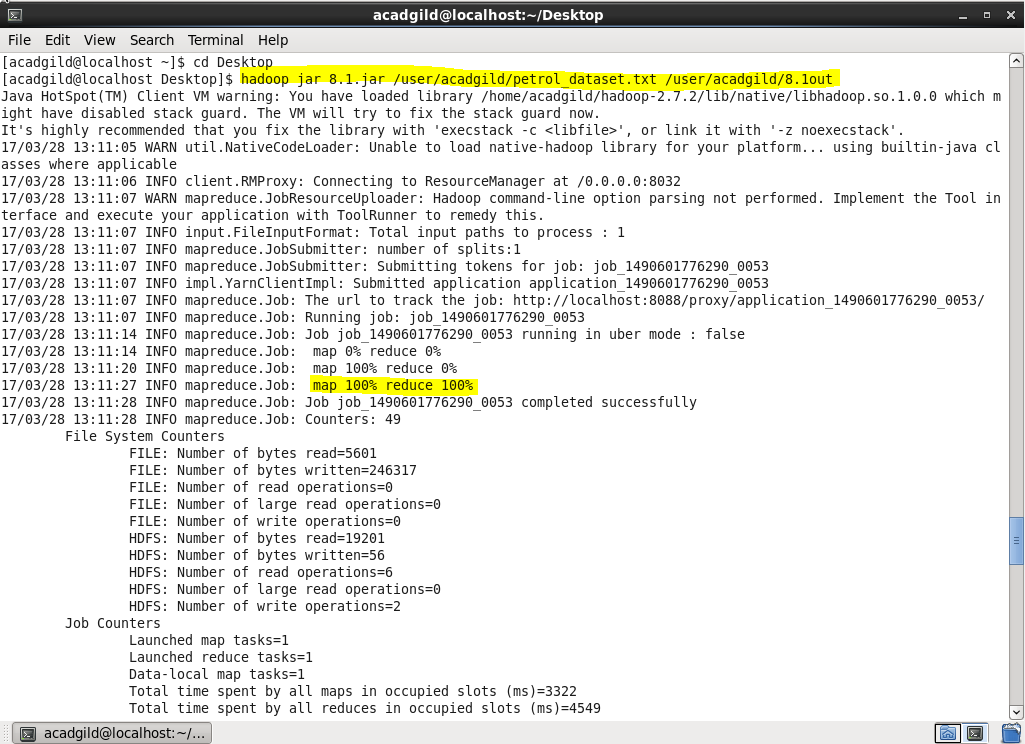
**SPLIITING THE DATASET BY COMMA AND SENDING DISTRIBUTOR NAME AS KEY AND VALUE AS SOLD VOLUME**

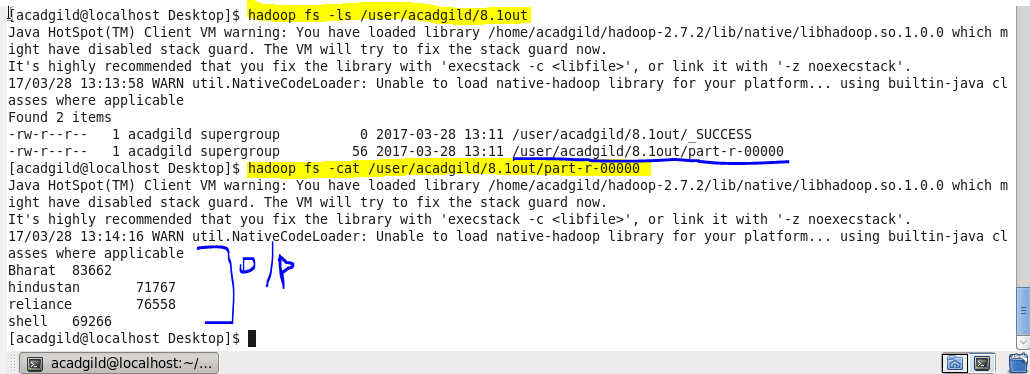
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**REDUCER**

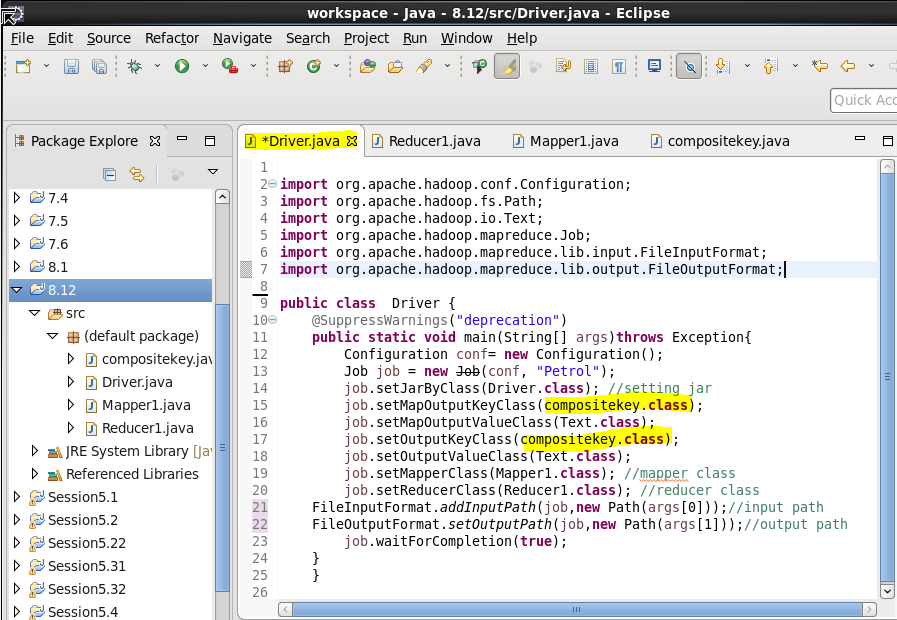
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**OUTPUT**

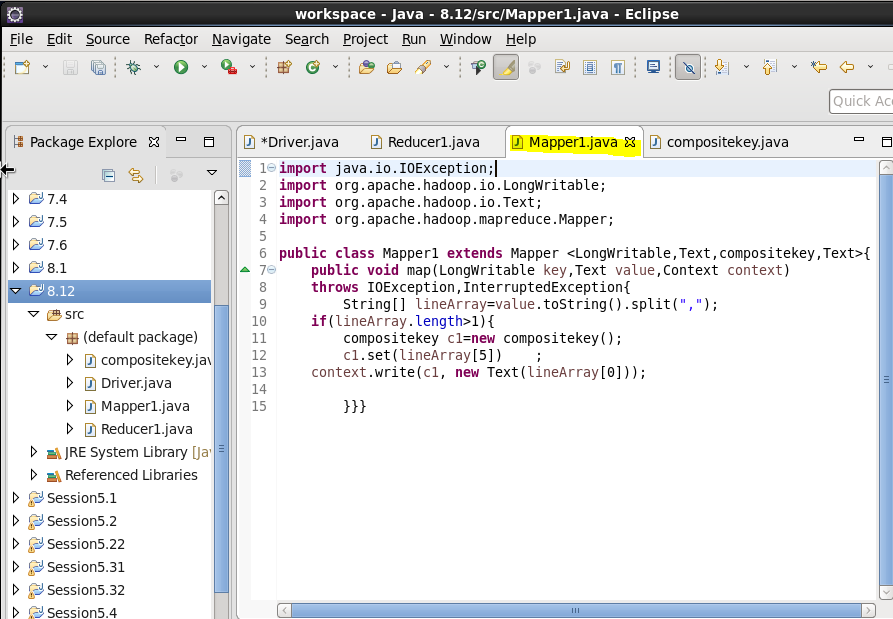
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****

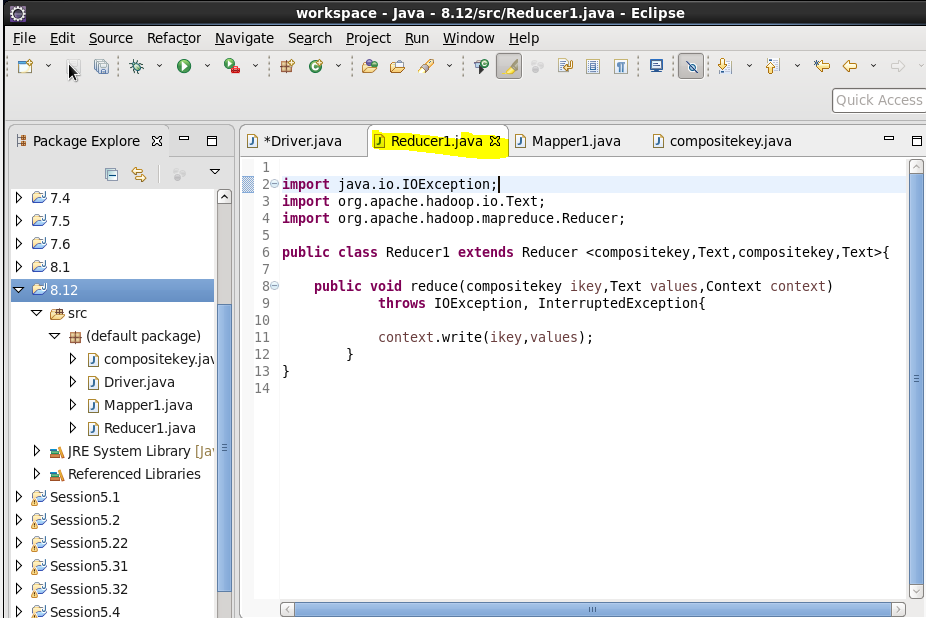
1. **Write a mapreduce program to find which are the top 10 distributors ID's for selling petrol and also display the amount of petrol sold in volume.**

**DRIVER**

**MAPPER**

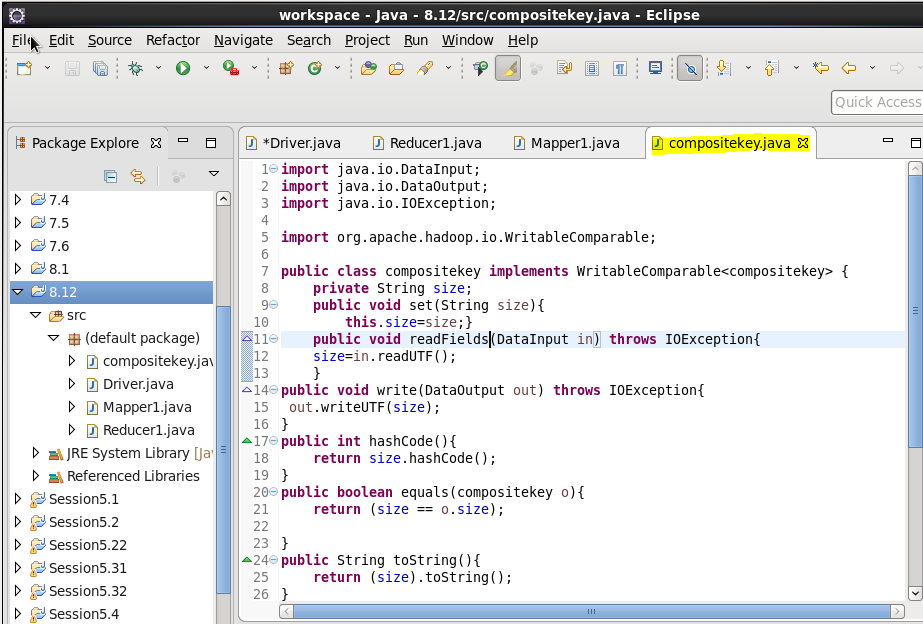
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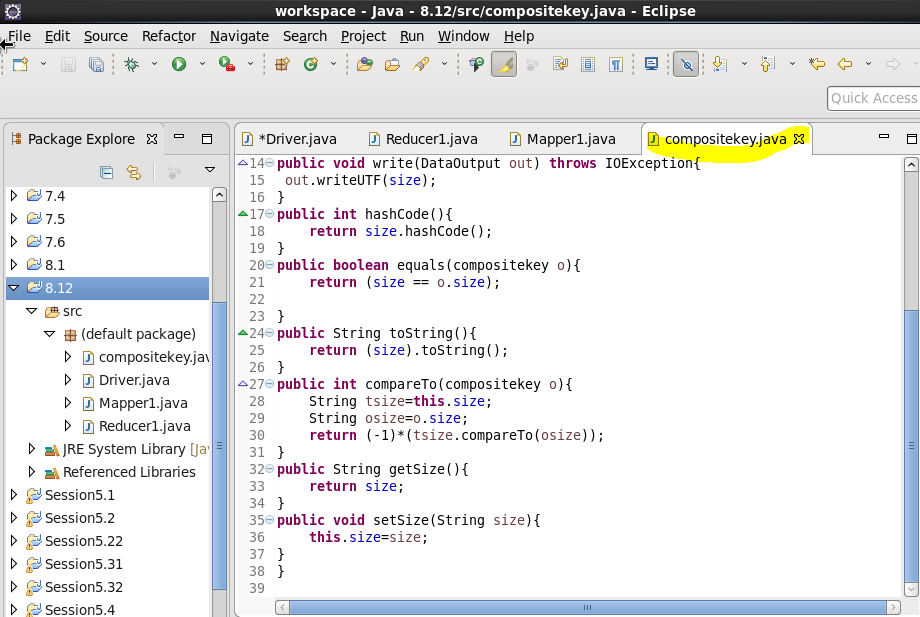
**REDUCER1**

****

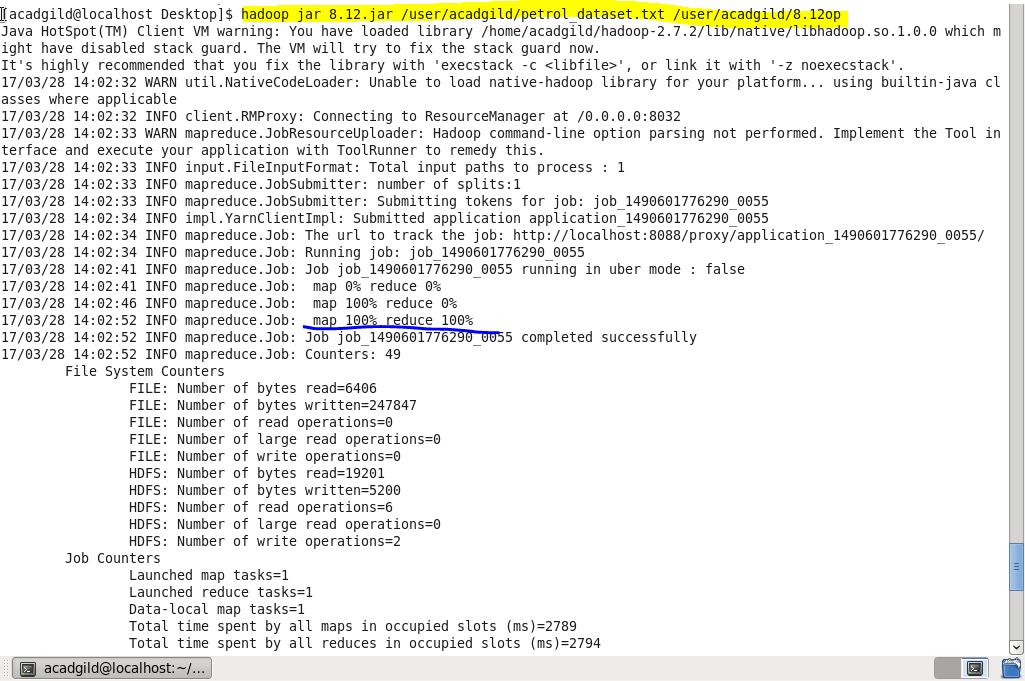
**COMPOSITE KEY**

*OVERRIDE COMPARE TO METHOD AND MULTIPLIED THE OTPT OF COMPARE TO BY -1 SO THE KEY WHICH WILL BE SORTED IN DESCENDING ORDER AND VOLUME SOLD AS VALUE*

****

****

**RUNNING JAR**



**OUTPUT**

TO GET TOP 10 VALUE WE CAN USE

HEAD –N10 COMMAND

