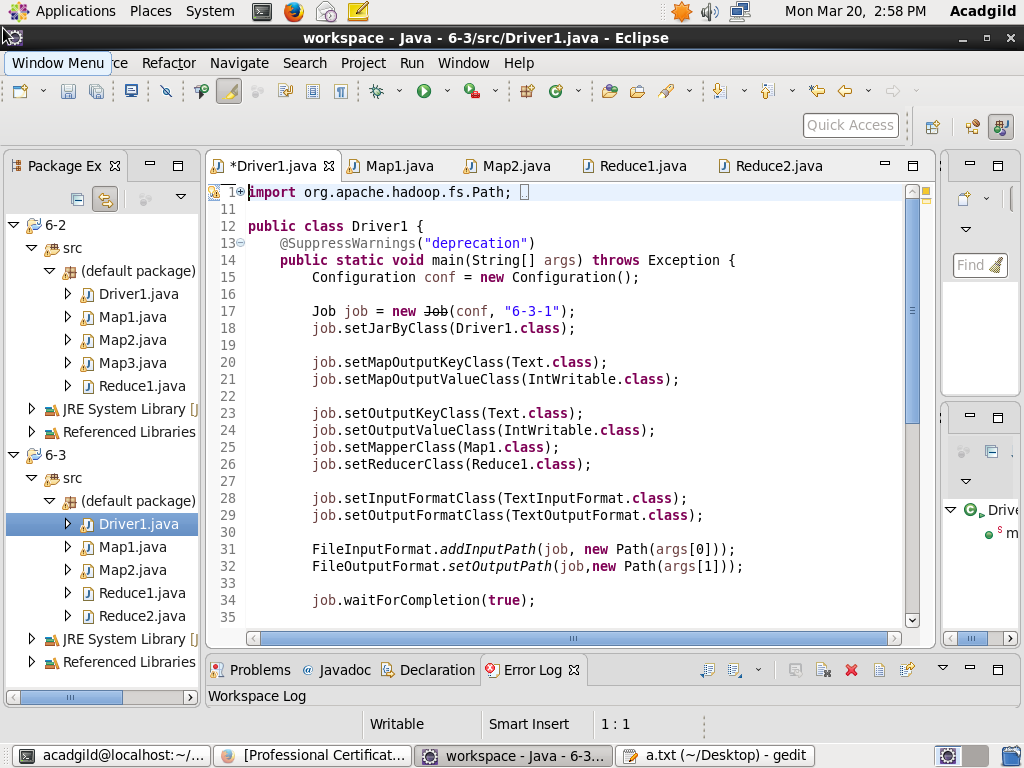
**QUESTION-:**

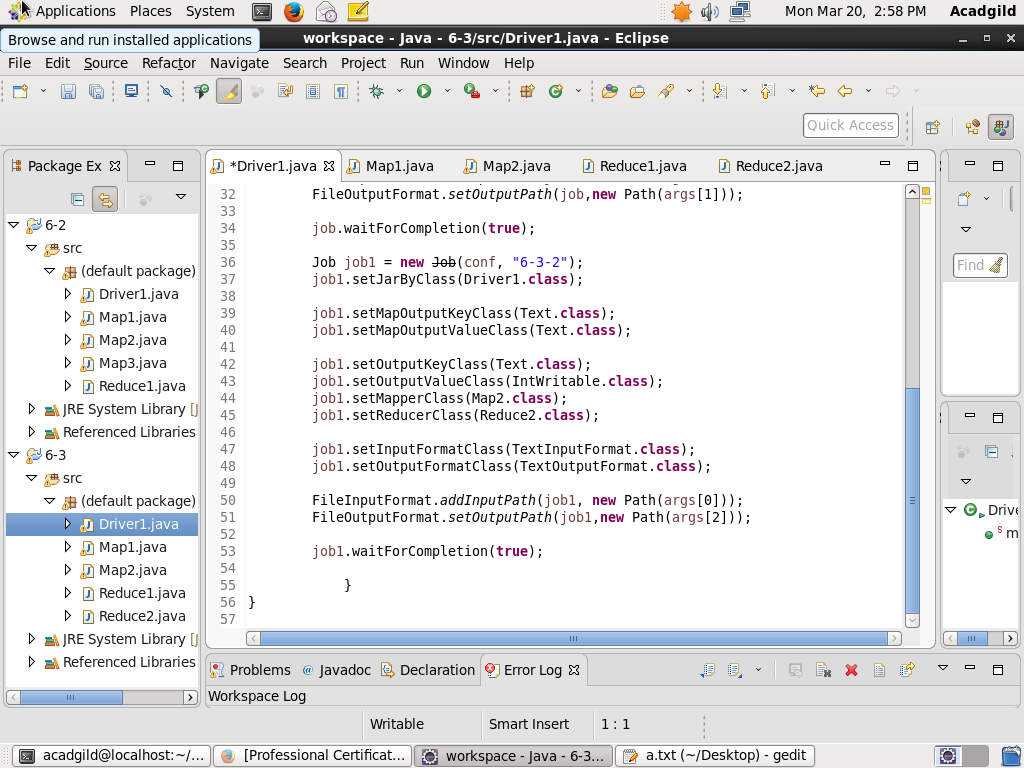
The Daily show data analysis Dataset Description:

YEAR – The year the episode aired. GoogleKnowlege\_Occupation -Their occupation or office, according to Google’s Knowledge Graph. On the other hand, if they are not in there, how Stewart introduced them on the program. Show – Air date of the episode. Not unique, as some shows had more than one guest Group – A larger group designation for the occupation. For instance, U.S senators, U.S presidents, and former presidents are all under “politicians” Raw\_Guest\_List – The person or list of people who appeared on the show, according to Wikipedia. The GoogleKnowlege\_Occupation only refers to one of them in a given row. You can download this dataset from here. Problem statement1: Find the number of GoogleKnowlege\_Occupation people who were guests in the show, in a particular time period. Take the time period as 1/11/99 to 6/11/99 i.e., 6 months Problem statement2: Find the number of GoogleKnowledge occupation types in each group, who have been guests on the show.

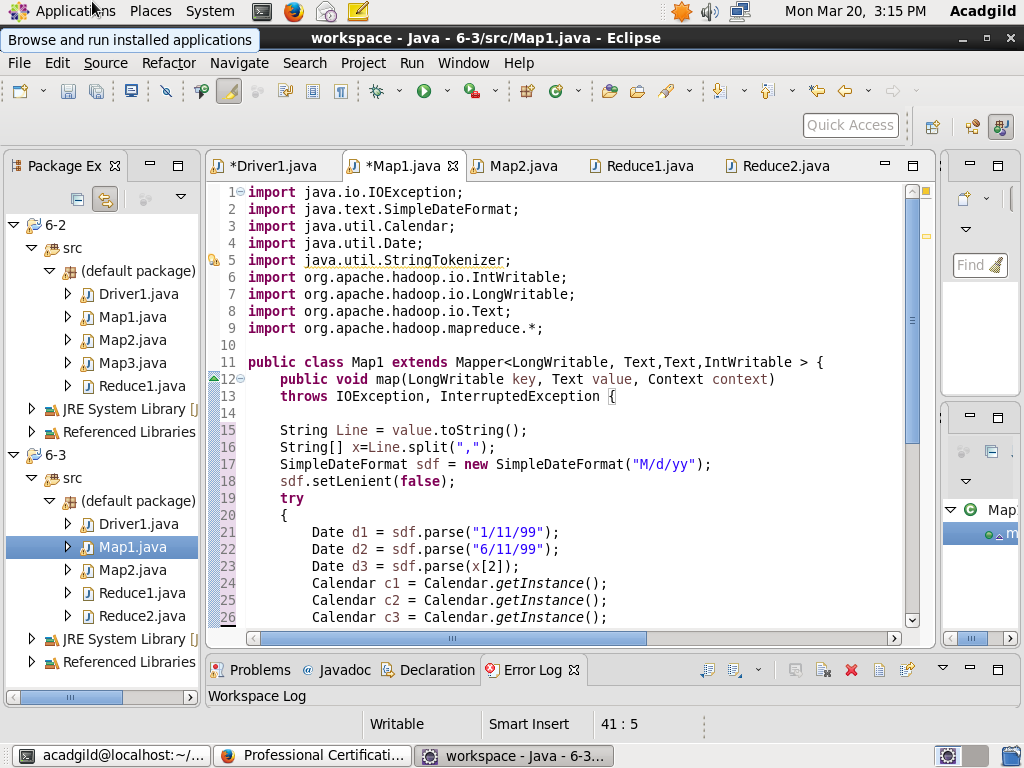
**SOLUTION:**

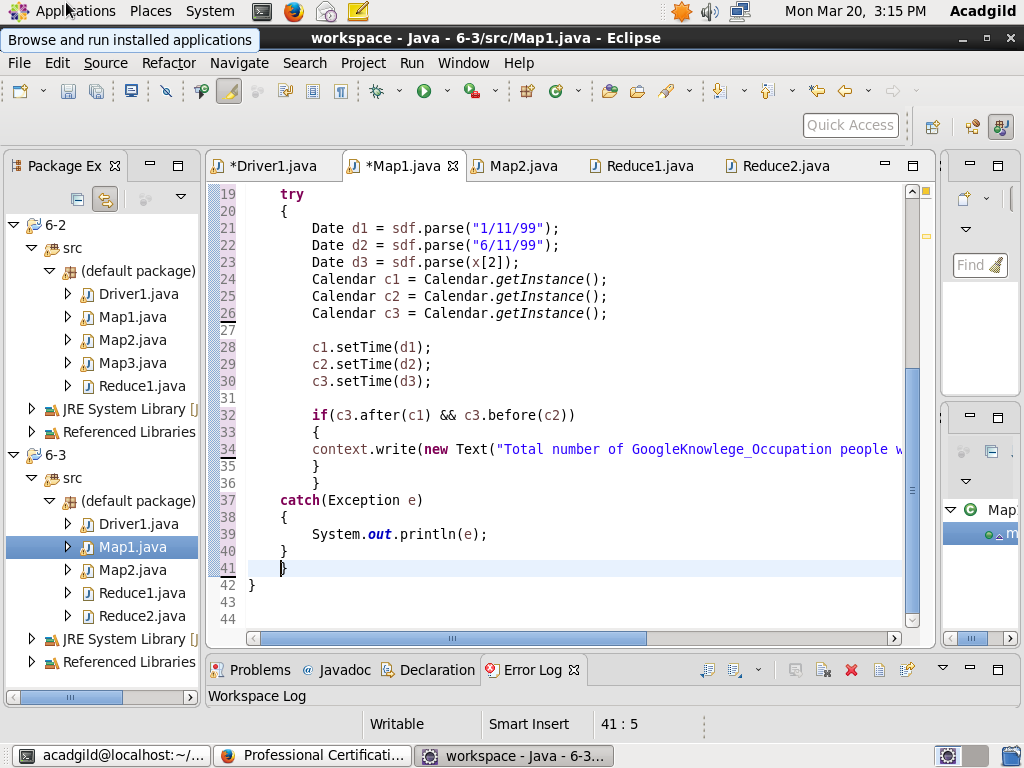
**DRIVER CLASS**



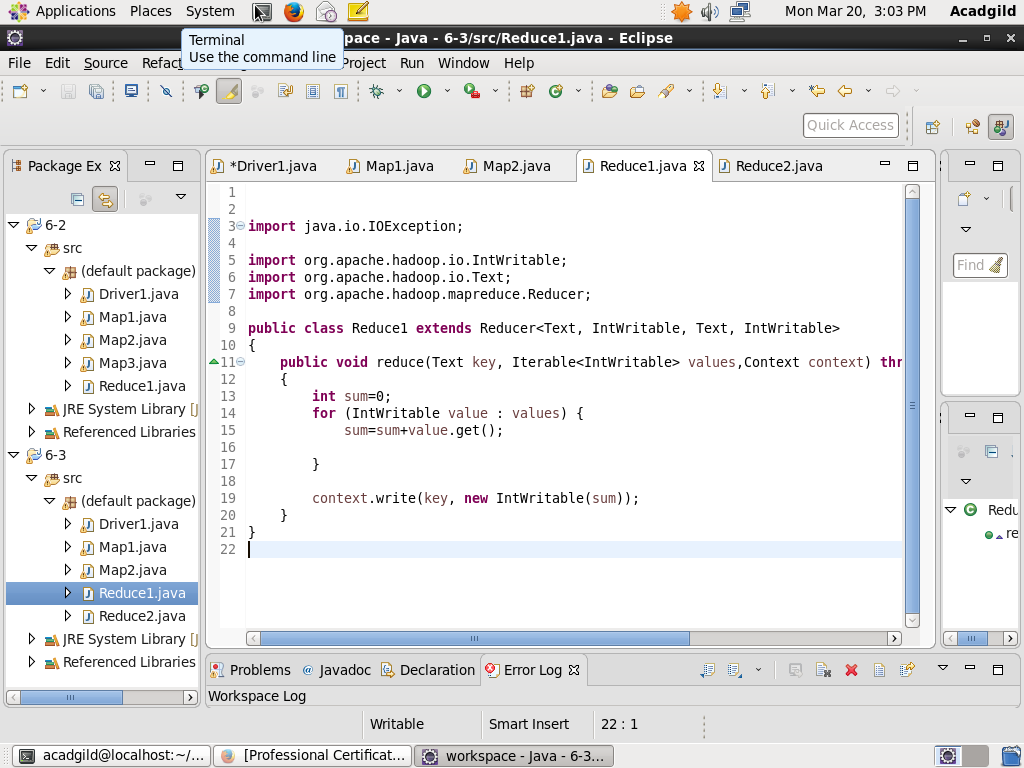


**MAPPER-1**

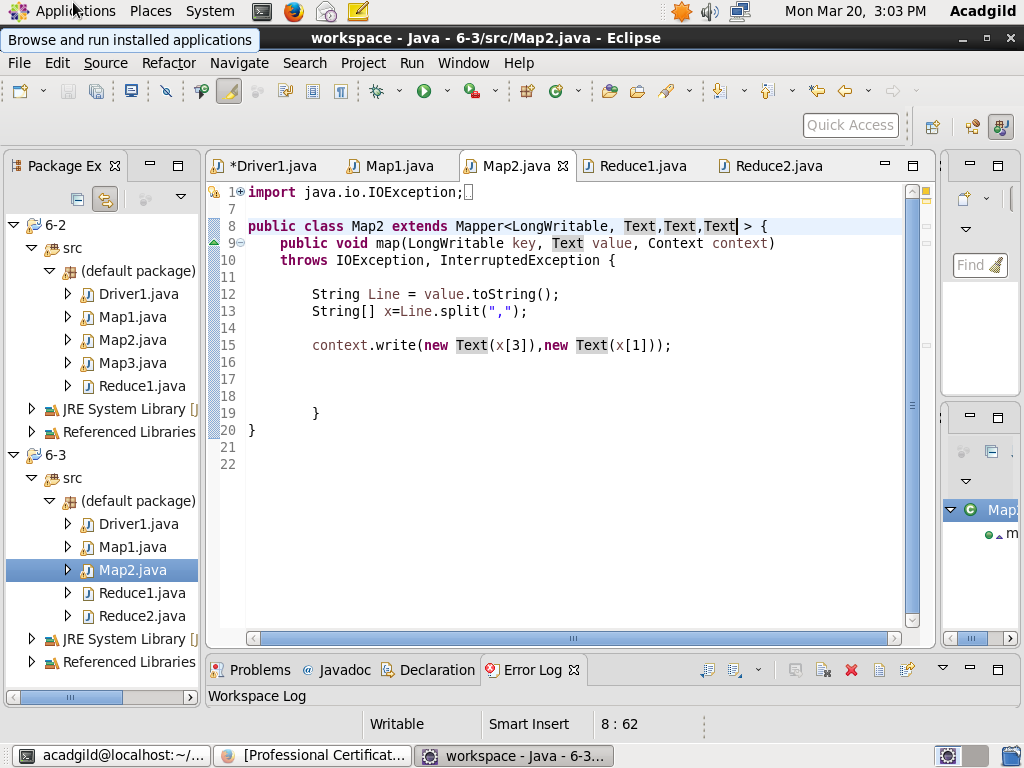
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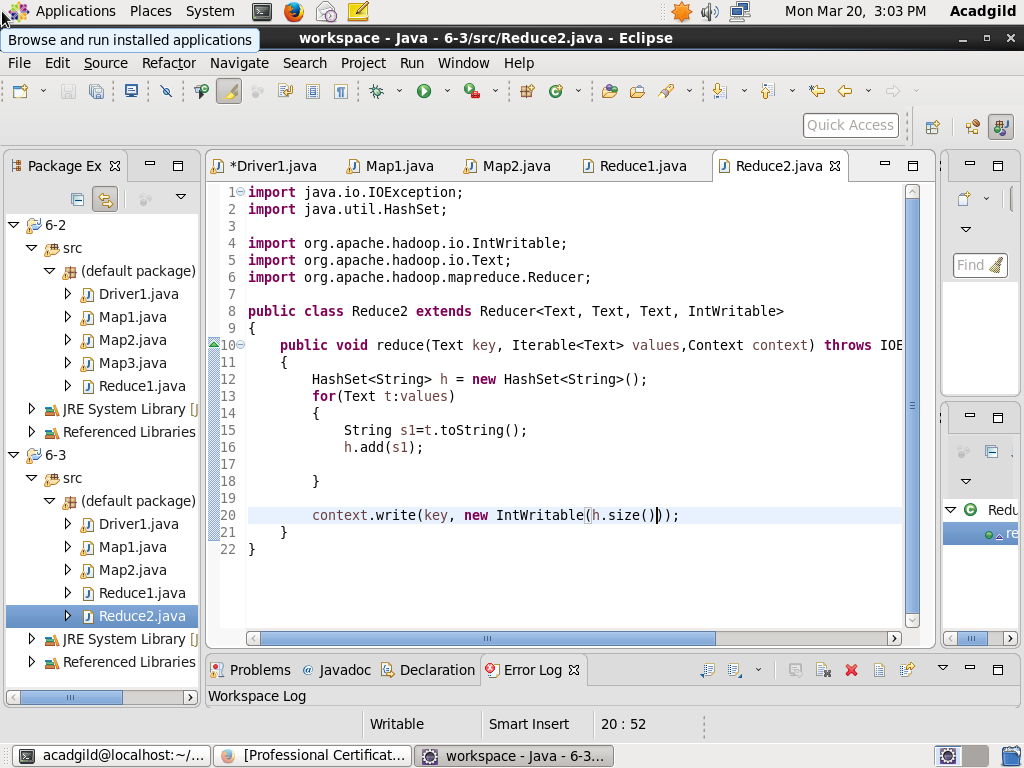
**REDUCER-1**

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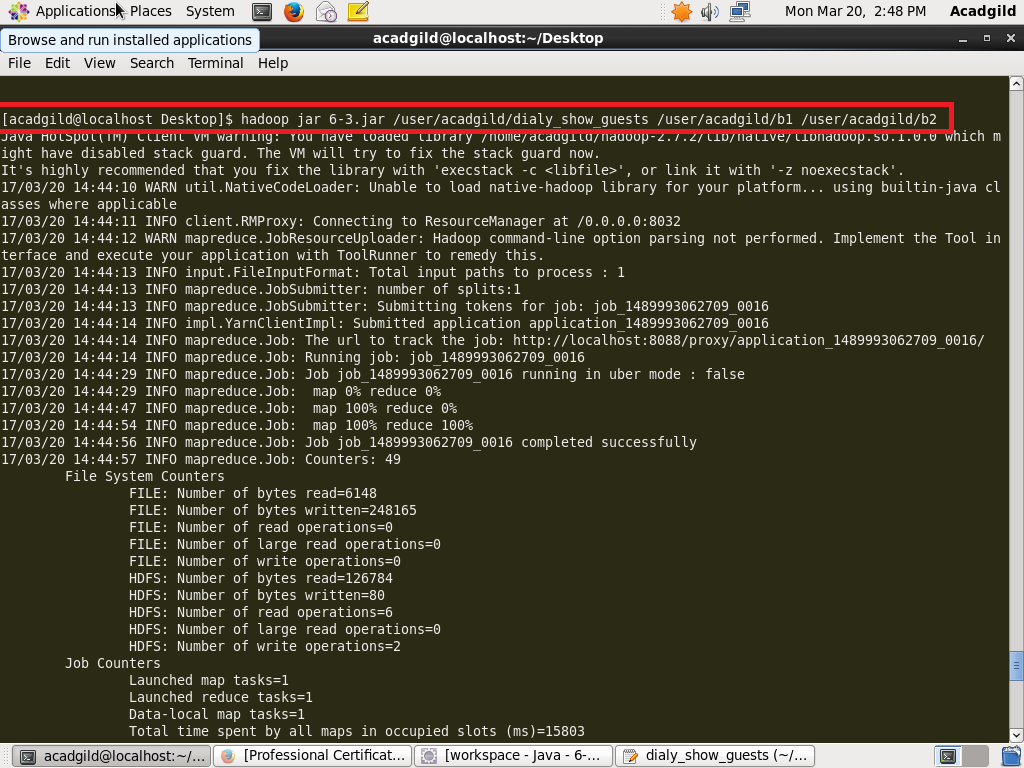
**MAPPER-2**

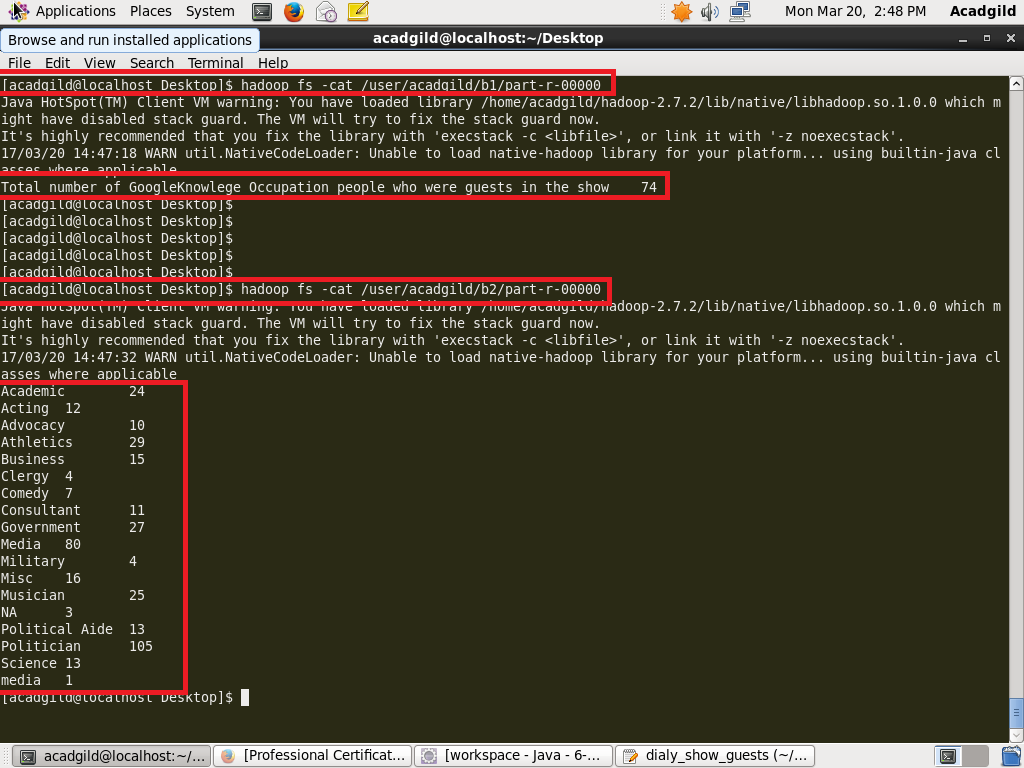
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**REDUCER-2**

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**OUTPUT:**

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