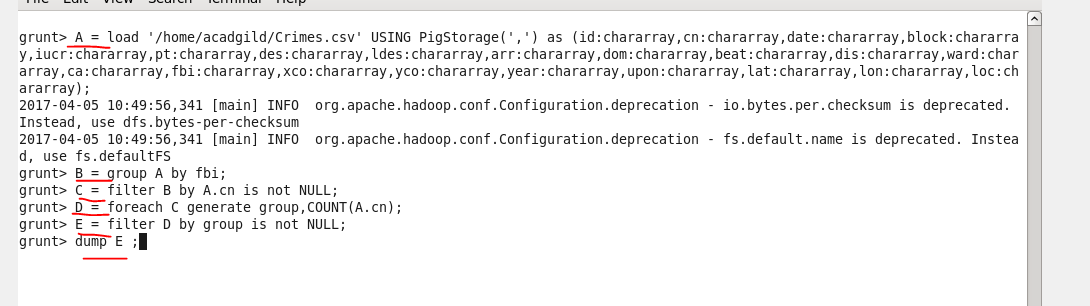
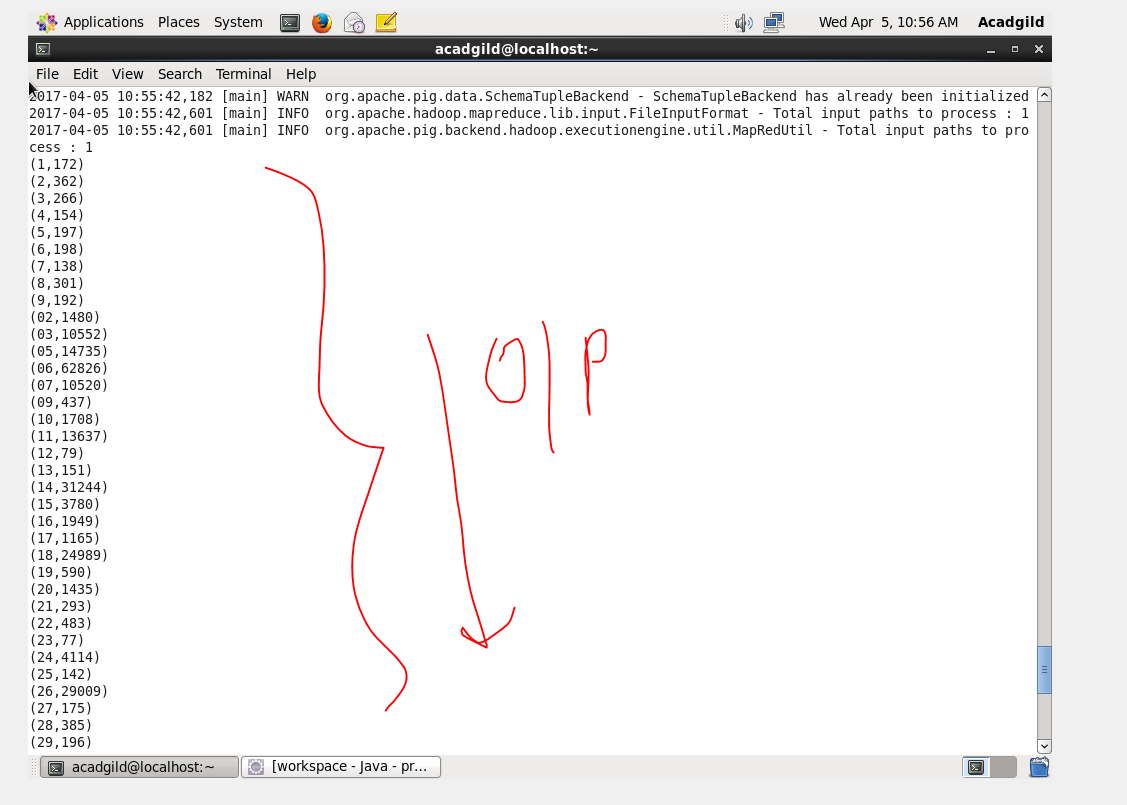
**Input file**

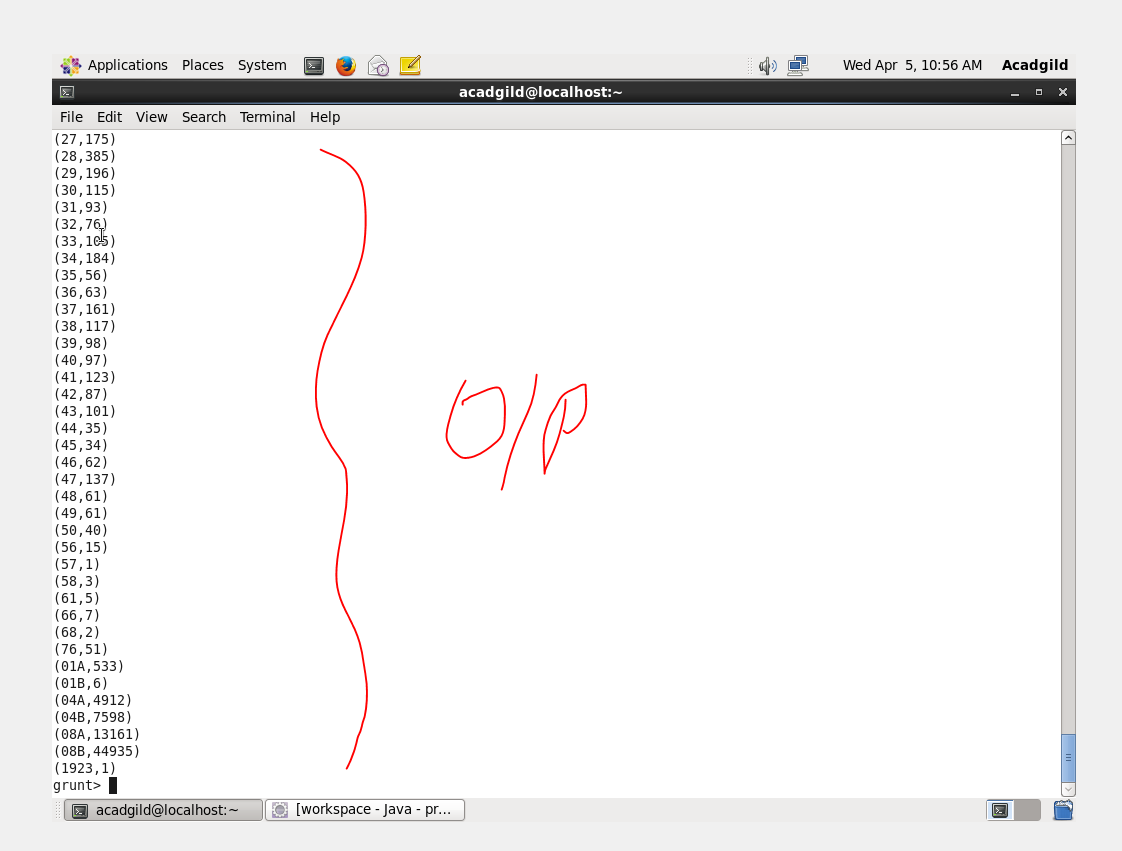
****

**Solution by pig**

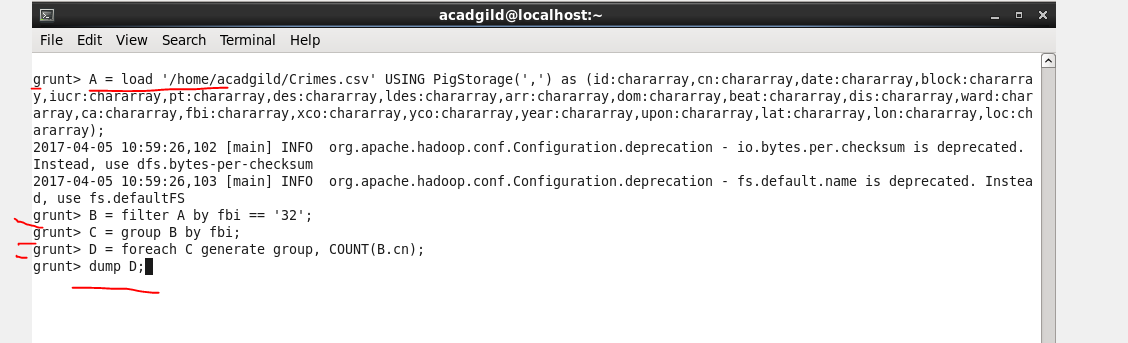
**1.Write a mapreduce and pig program to calculate the number of cases investigated under each FBI code**

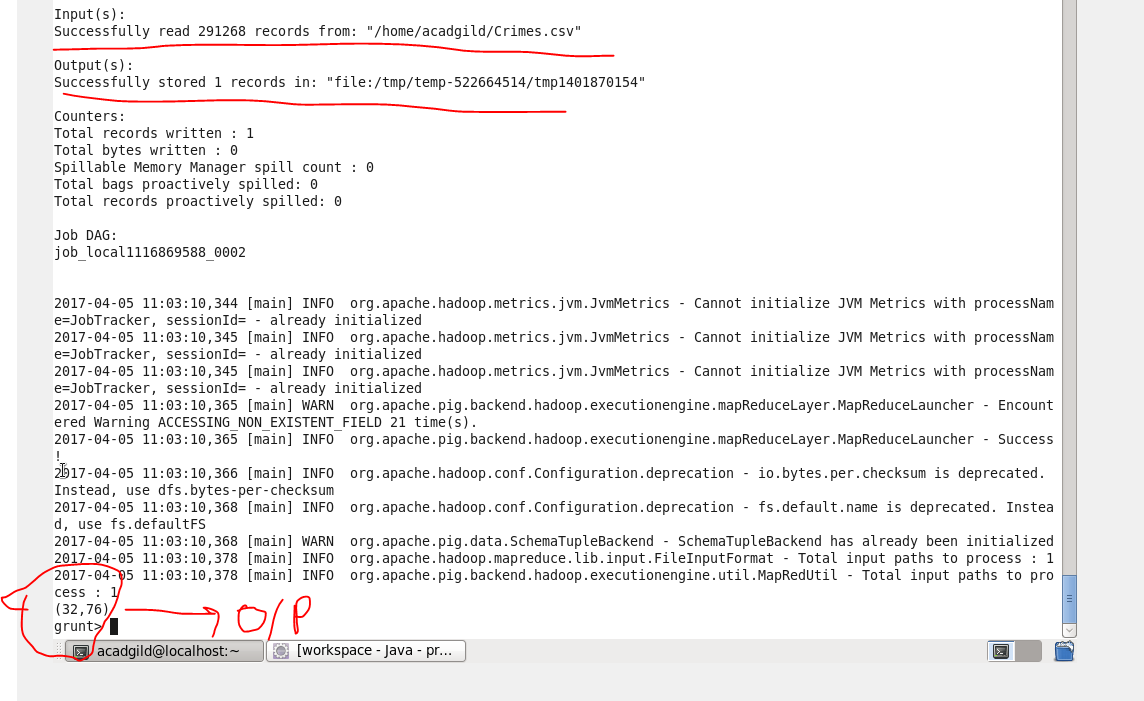
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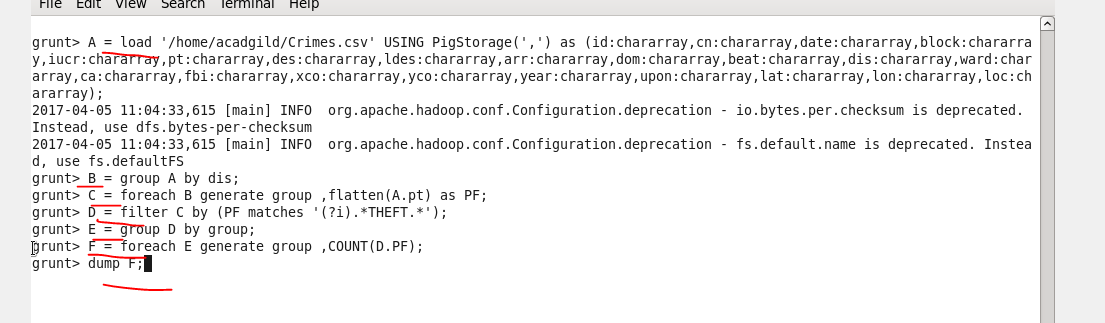
****

**2. Write a mapreduce and pig program to calculate the number of cases investigated under FBI code 32.**

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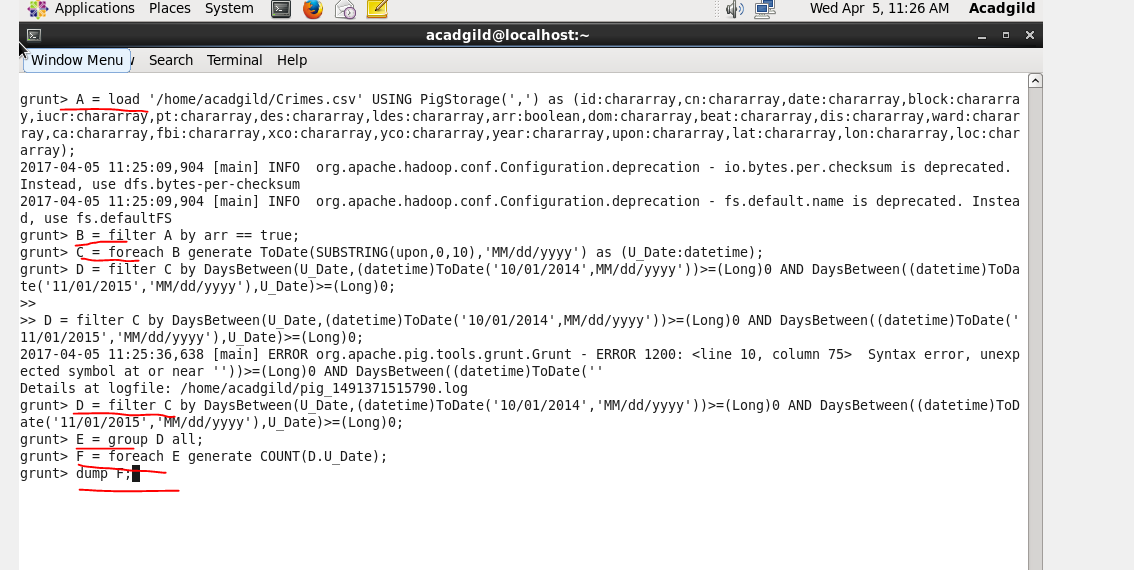
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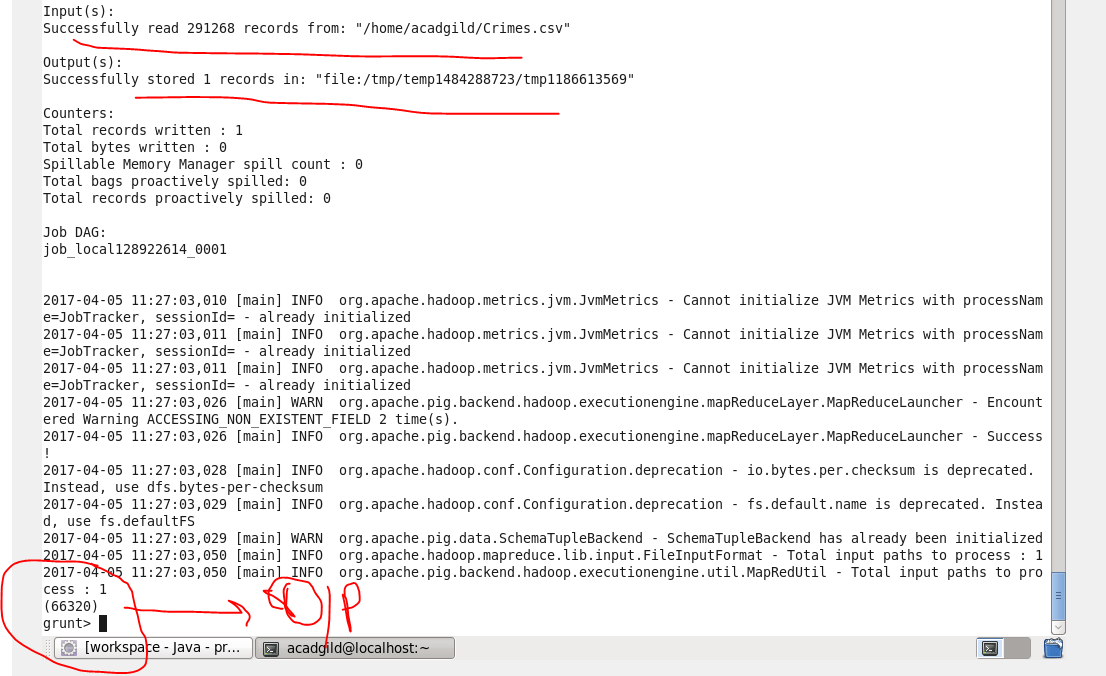
**3. Write a mapreduce and pig program to calculate the number of arrests in theft district wise.**

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**4. Write a mapreduce and pig program to calculate the number of arrests done between October 2014 and October 2015.**

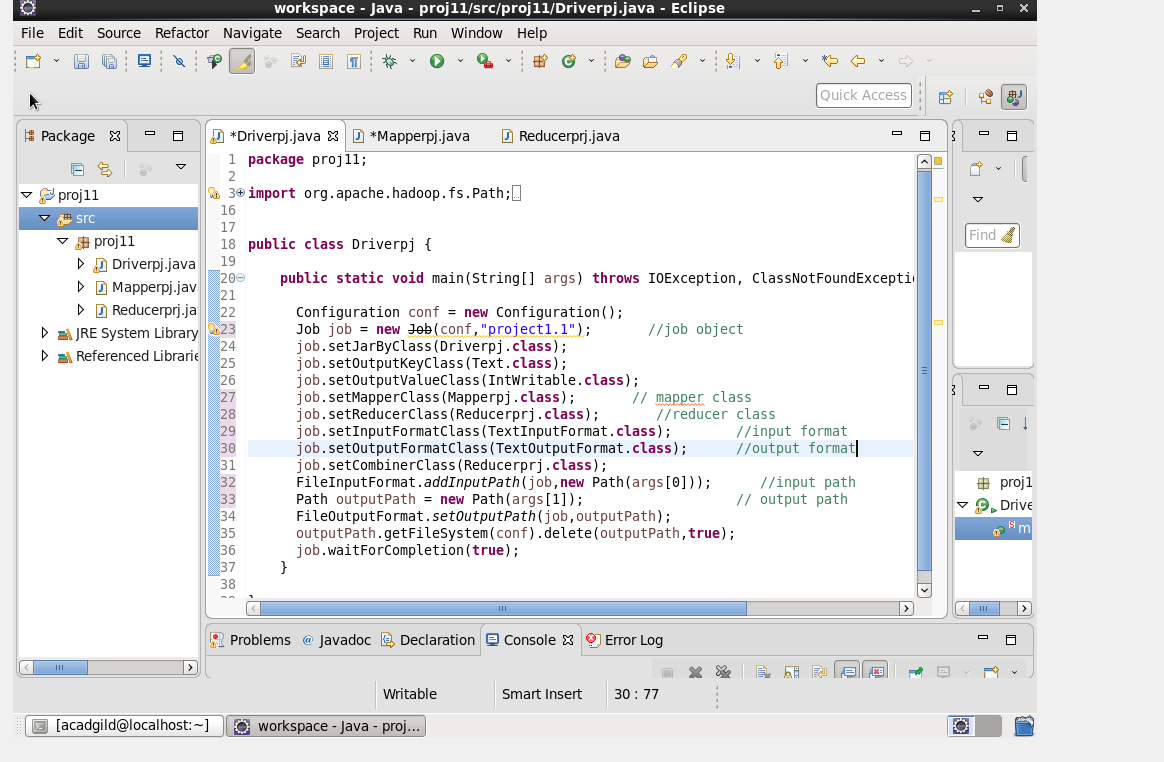
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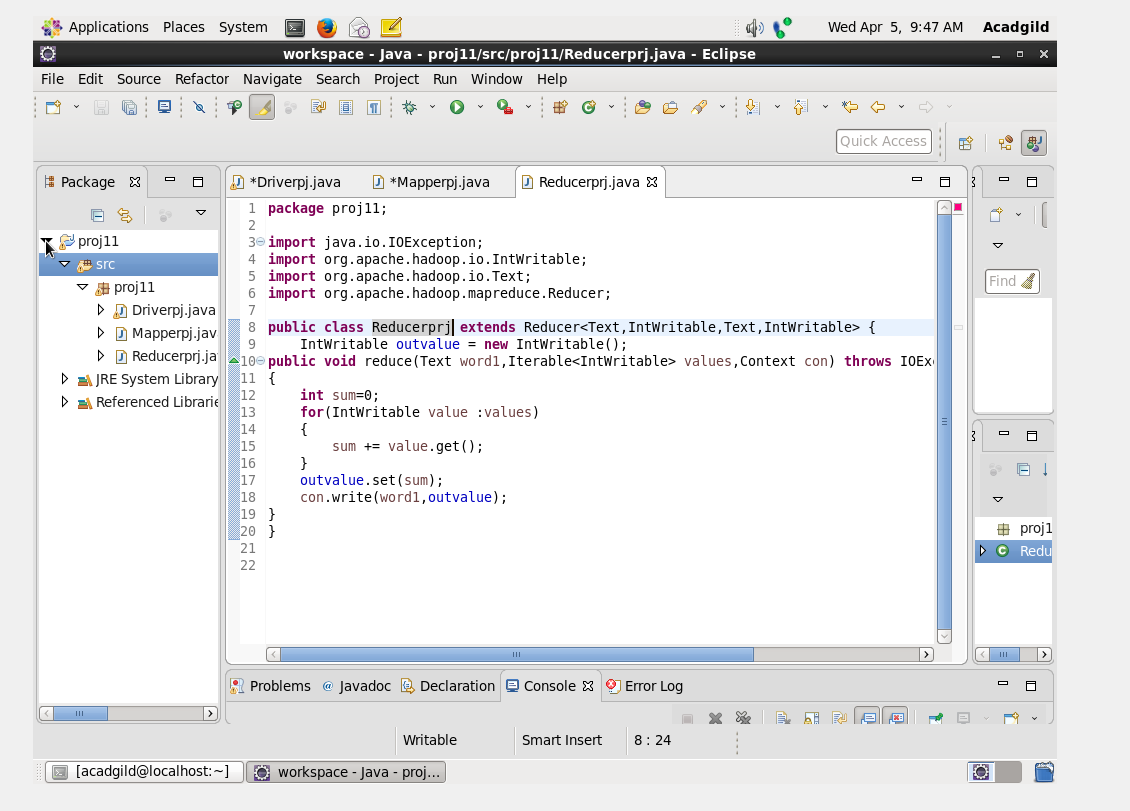
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**Solution by map reduce**

Driver and Reducer are same for all the questions

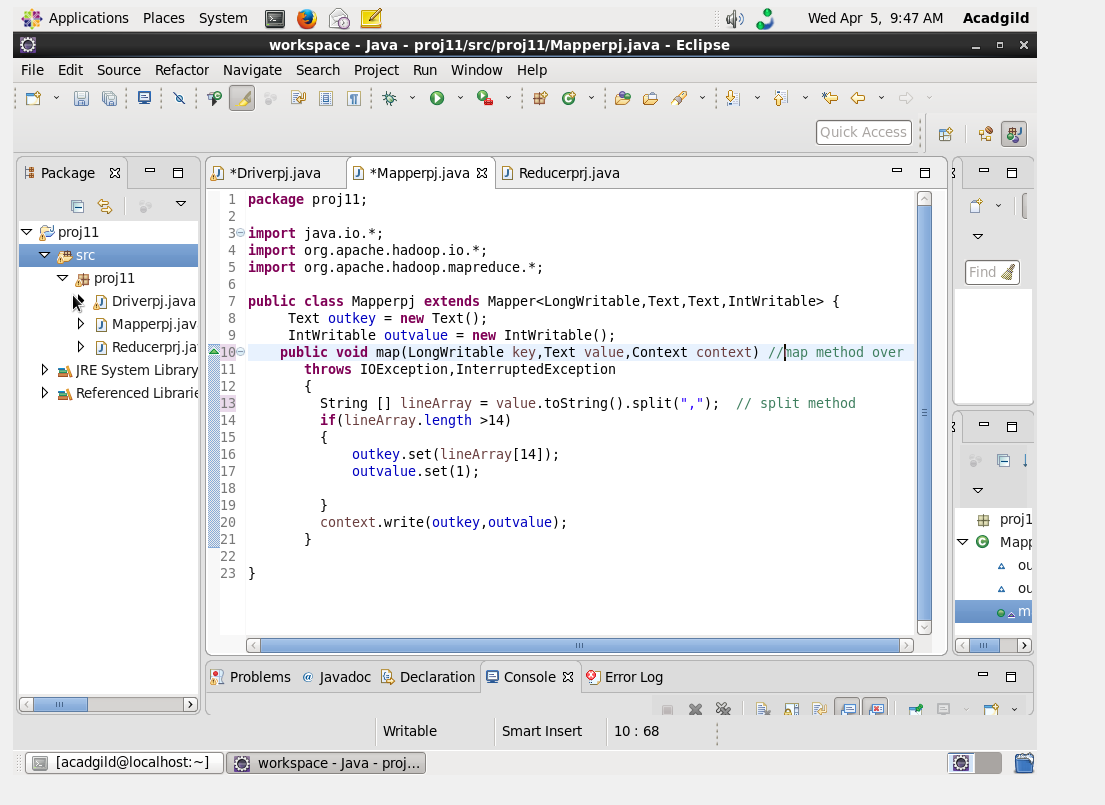
**Driver**

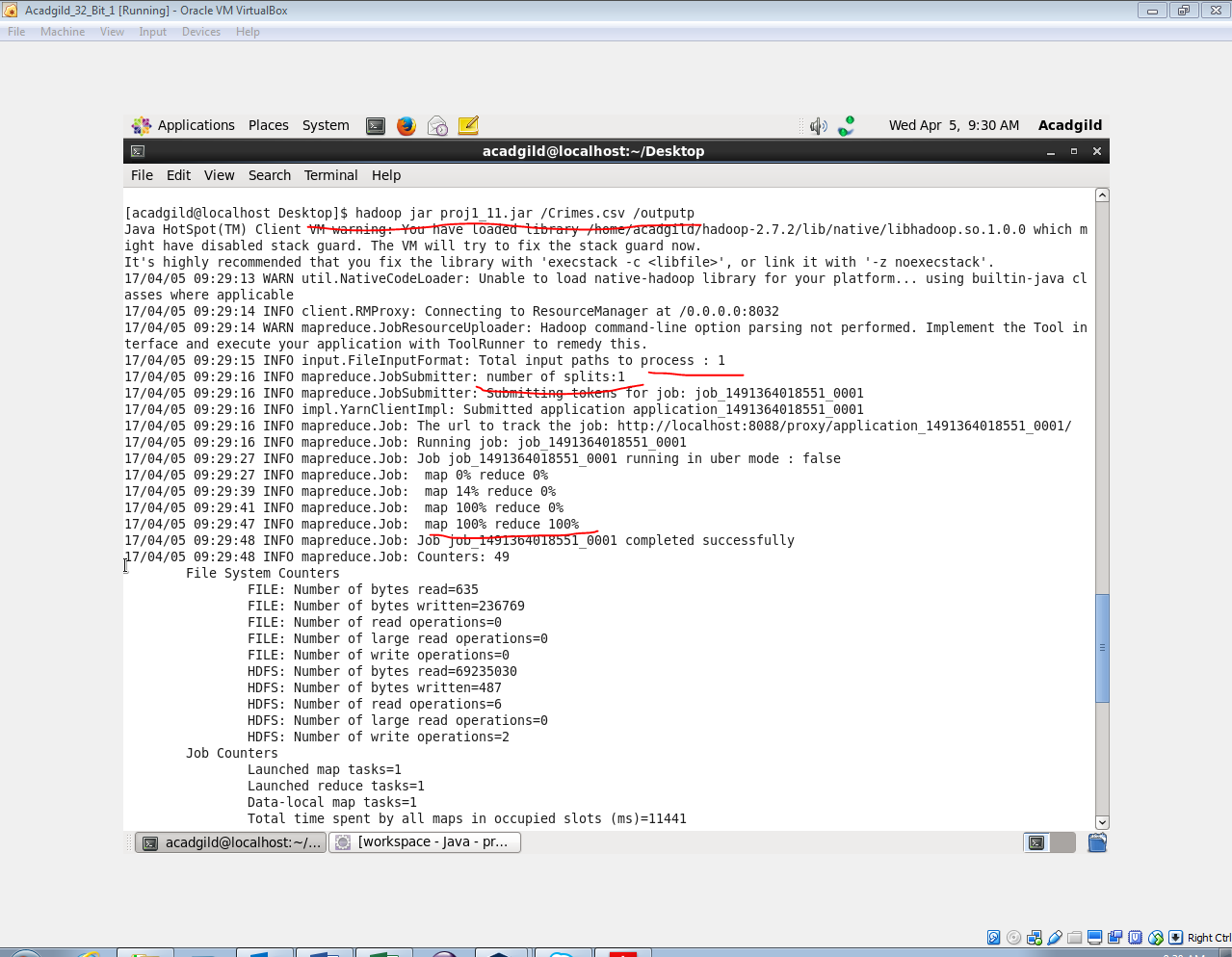
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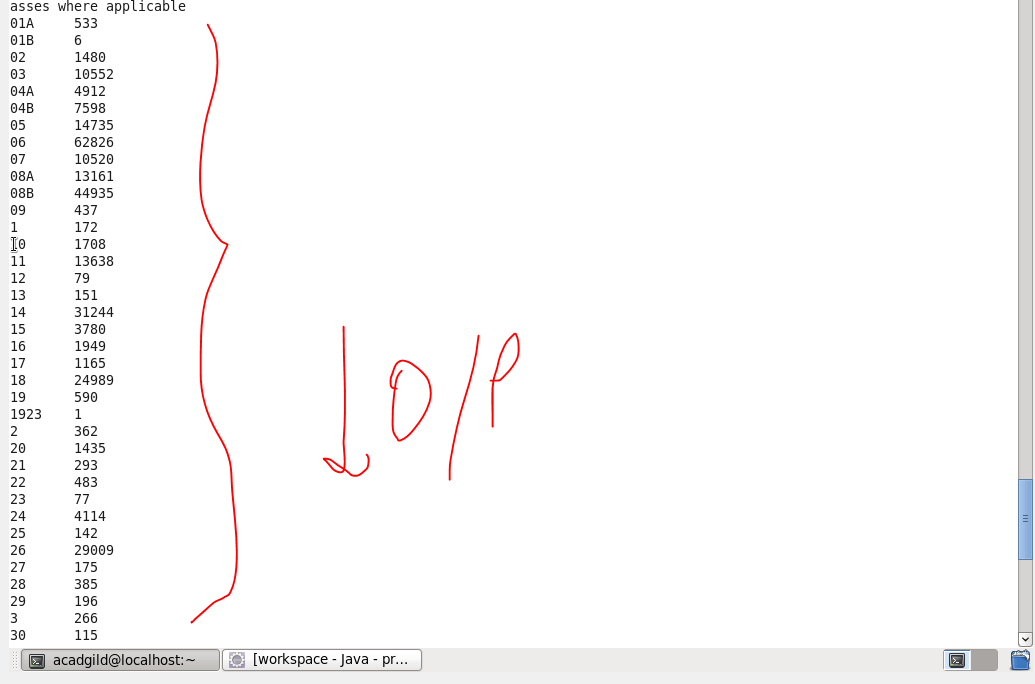
**Reducer**

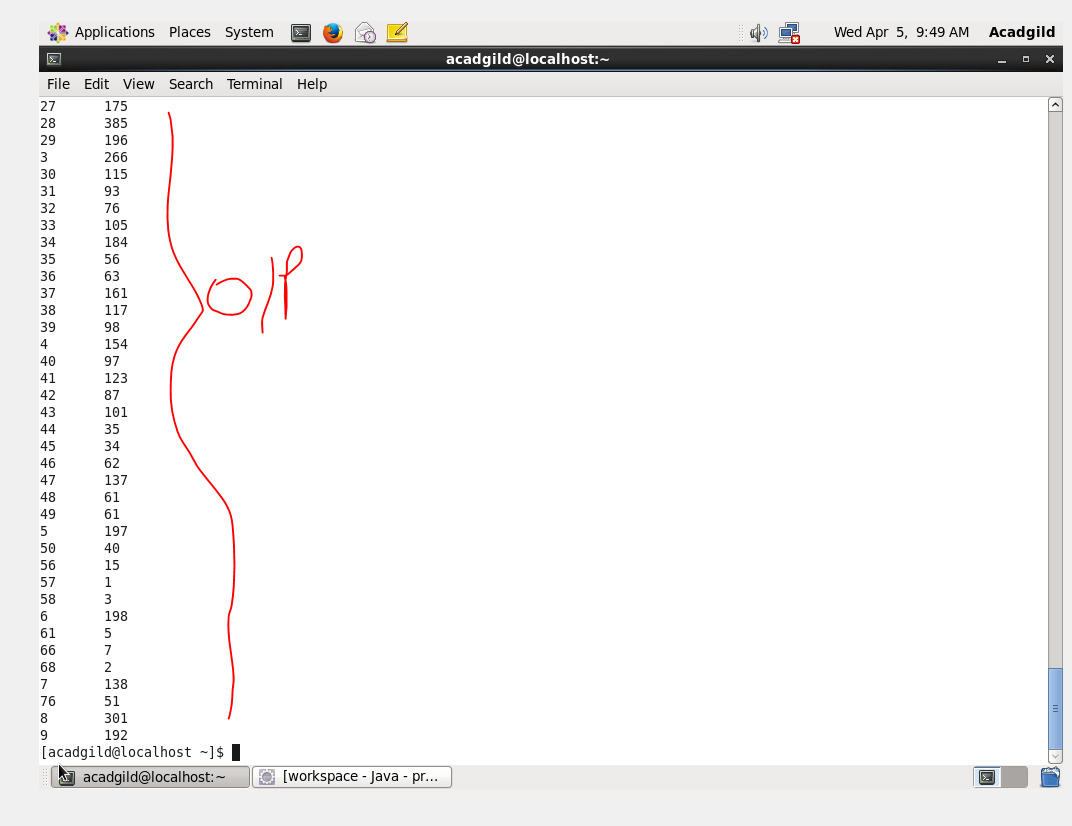
**Mapper and output for each question**

**1.Write a mapreduce and pig program to calculate the number of cases investigated under each FBI code**

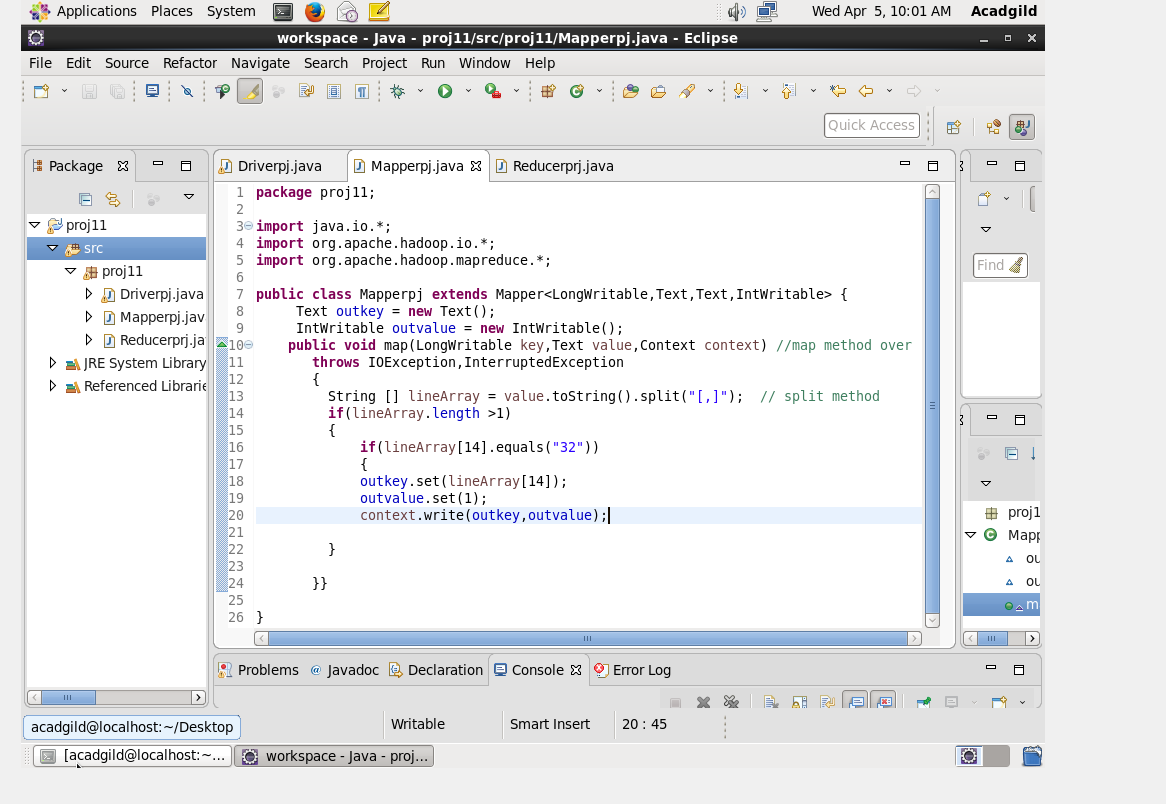
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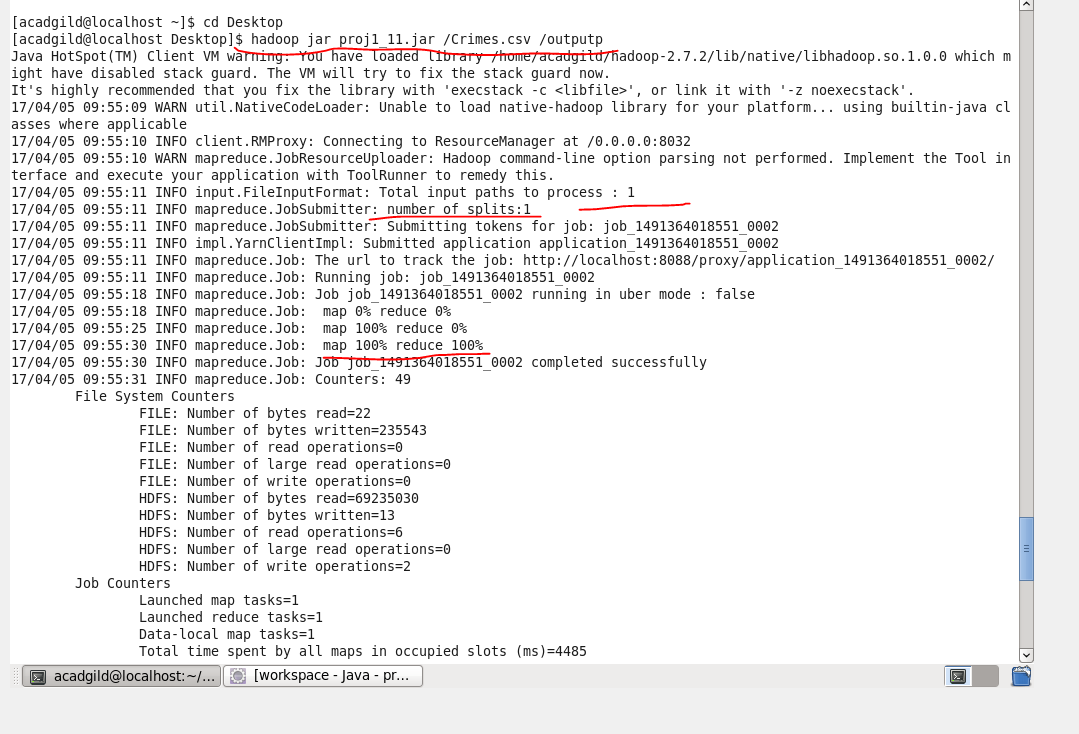
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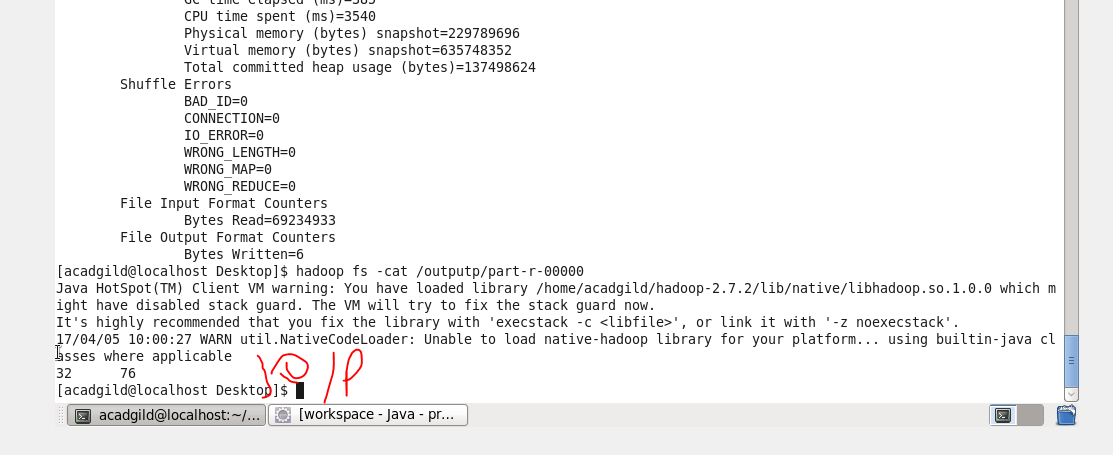
****

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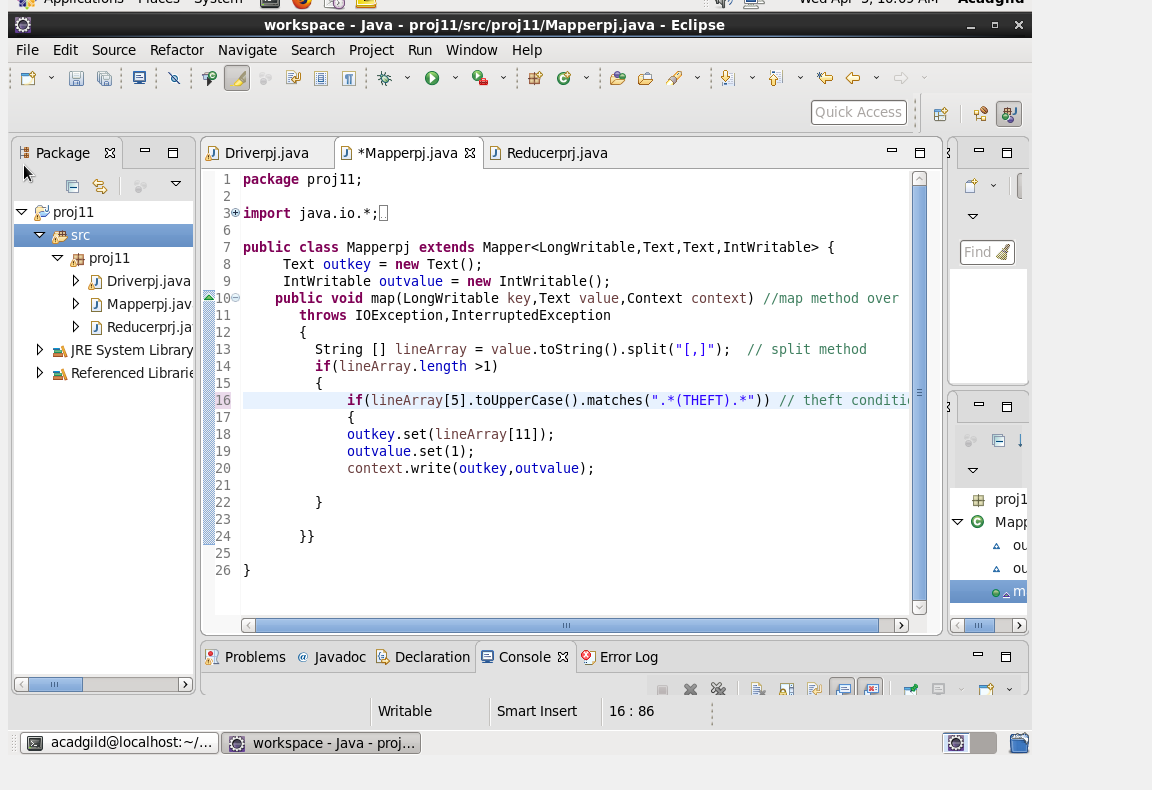
**2.Write a mapreduce and pig program to calculate the number of cases investigated under FBI code 32.**

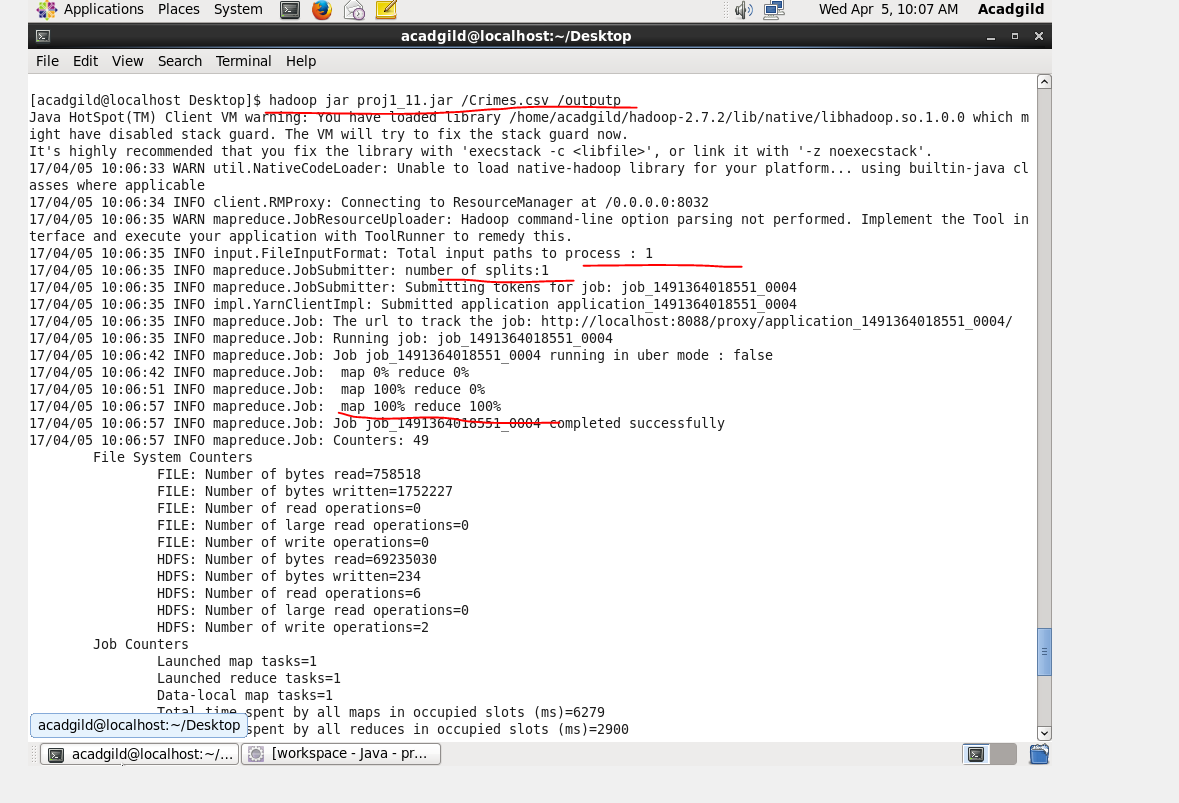
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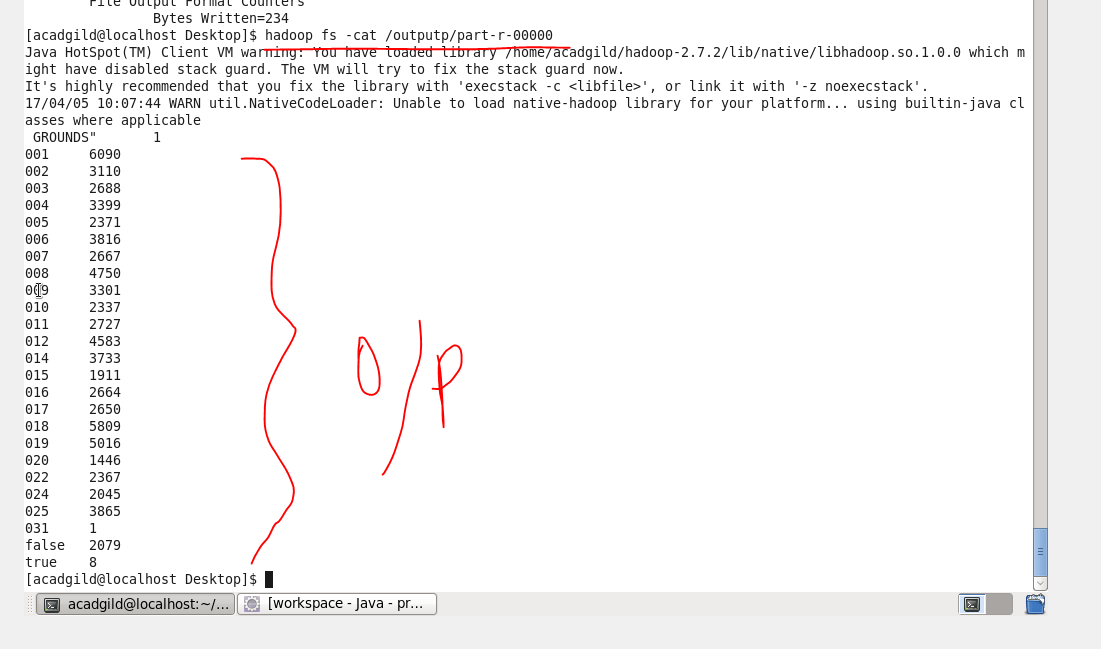
****

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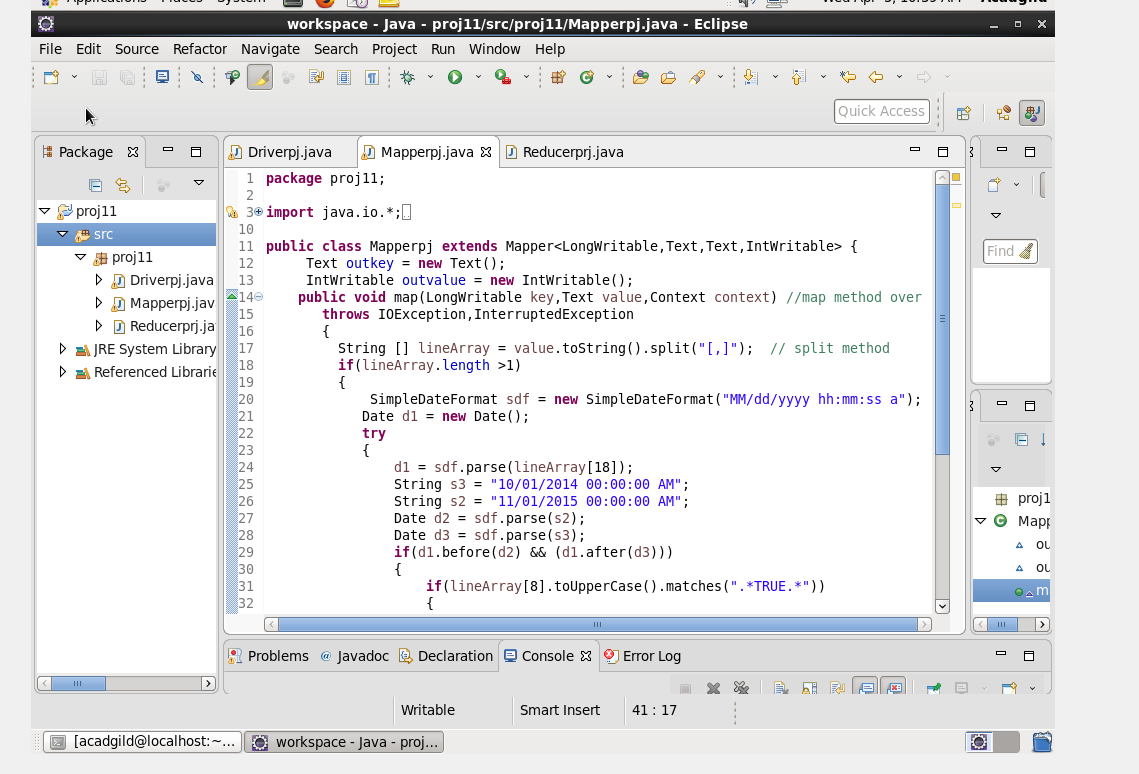
**3.Write a mapreduce and pig program to calculate the number of arrests in theft district wise.**

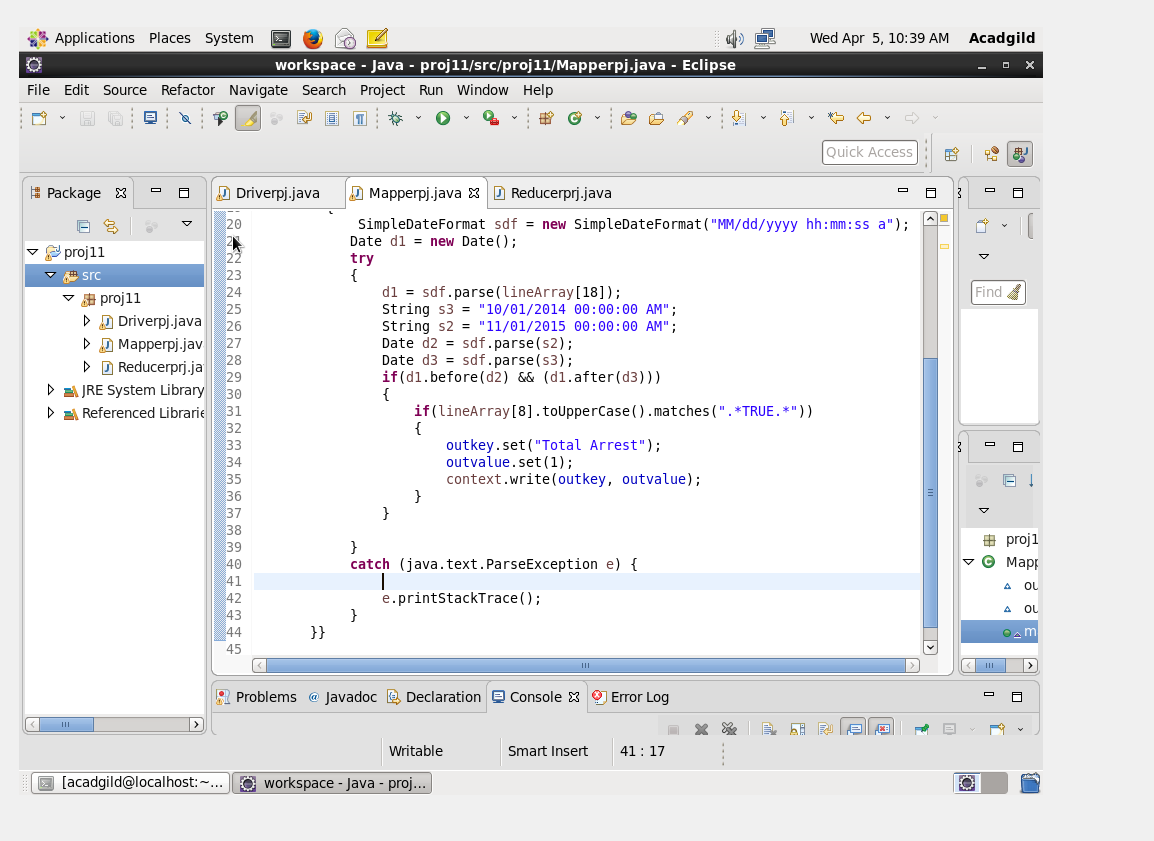
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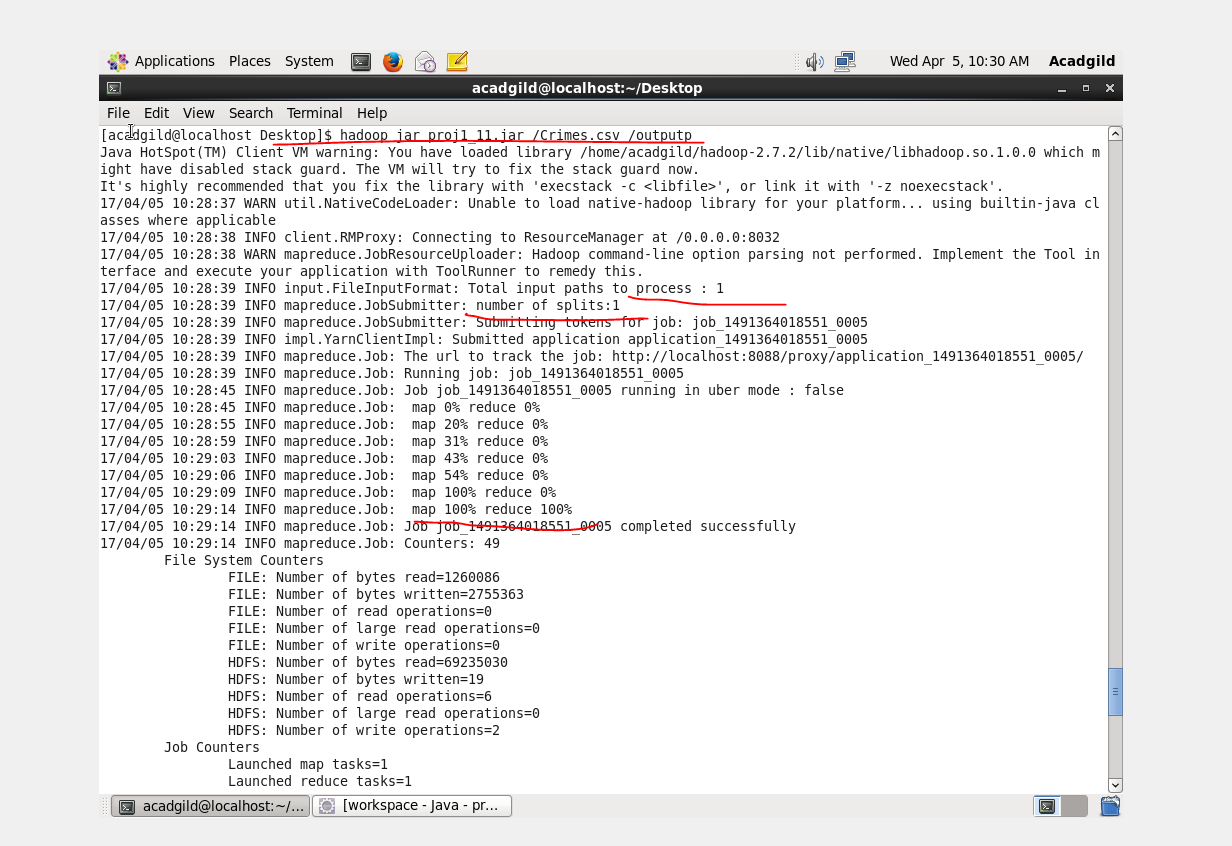
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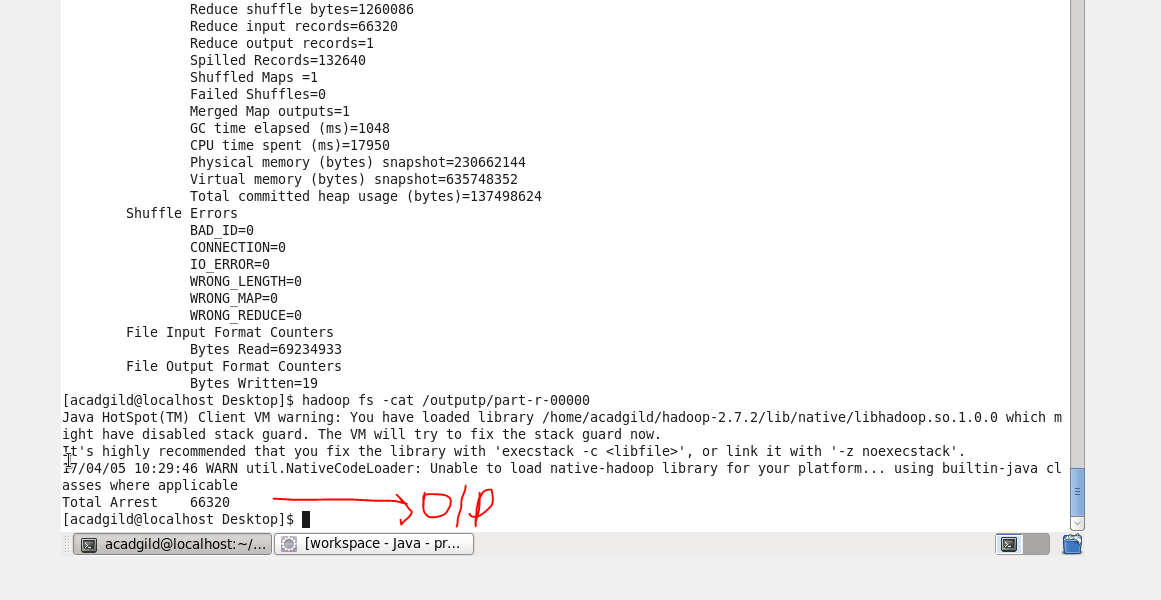
****

**4.Write a mapreduce and pig program to calculate the number of arrests done between October 2014 and October 2015.**

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