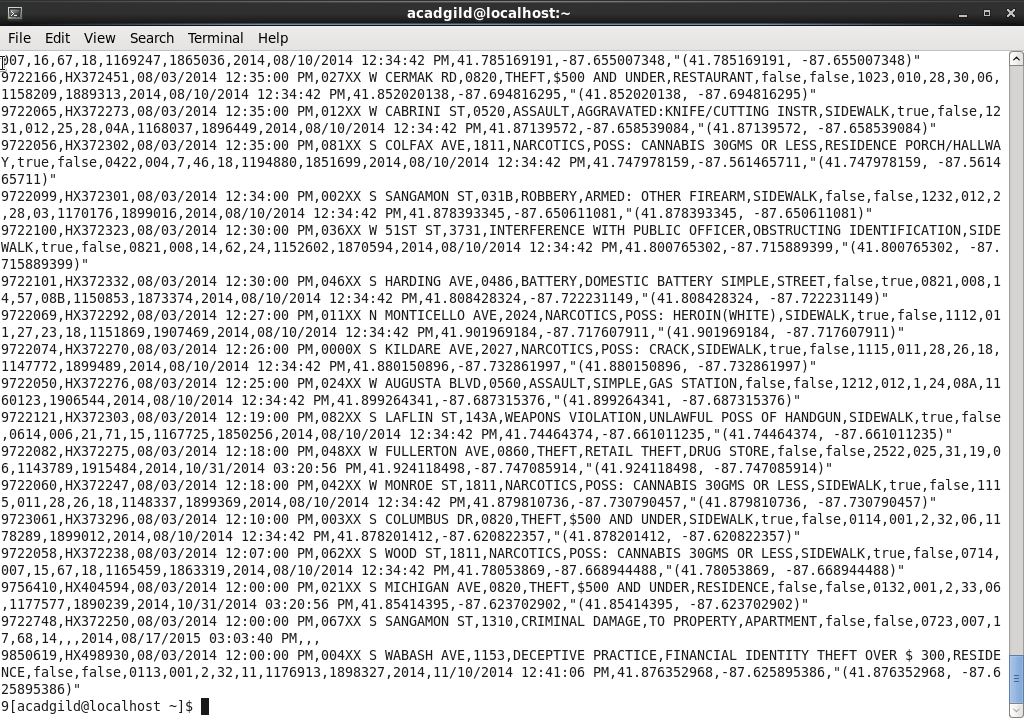
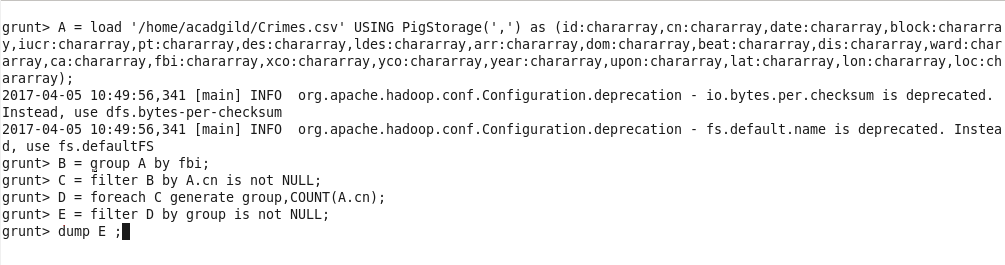
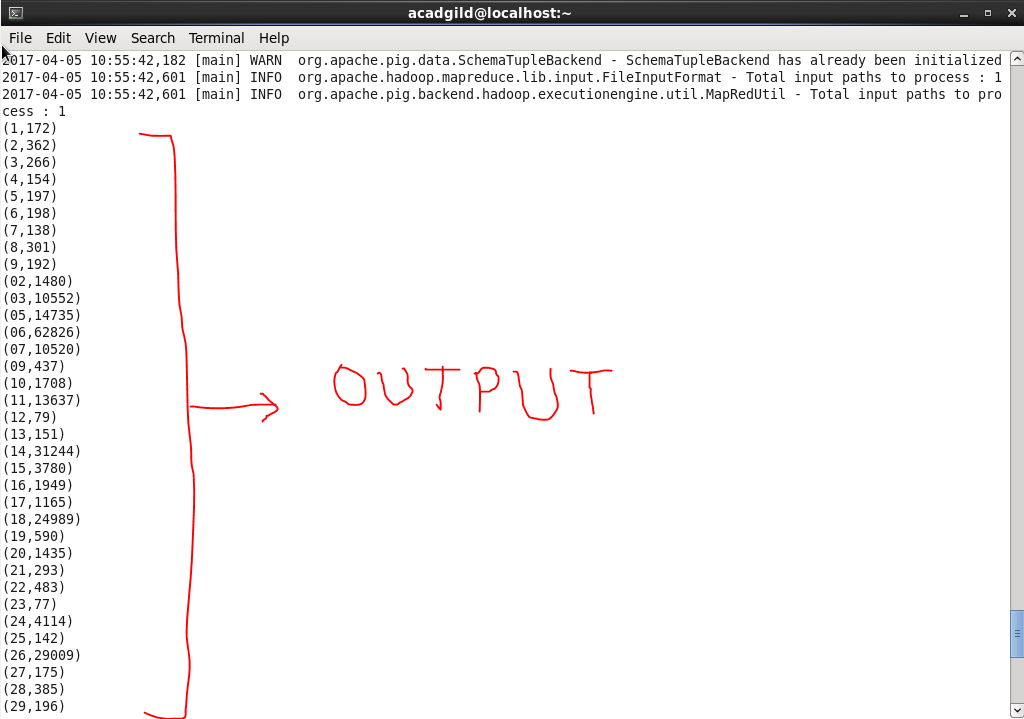
**Input:**

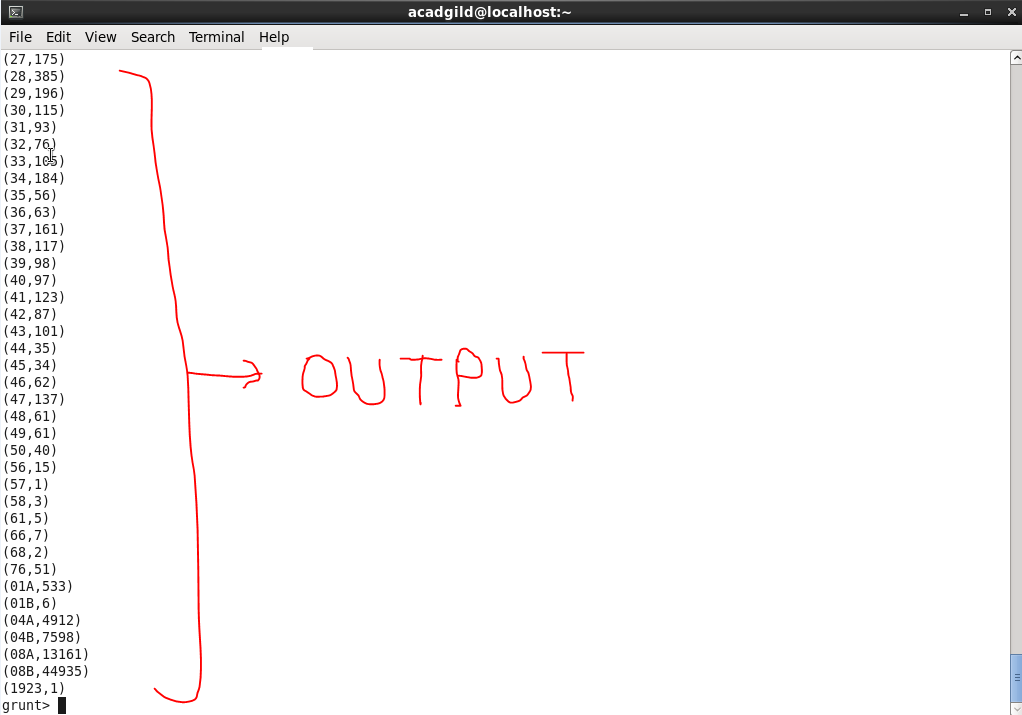


**Solution By PIG:**

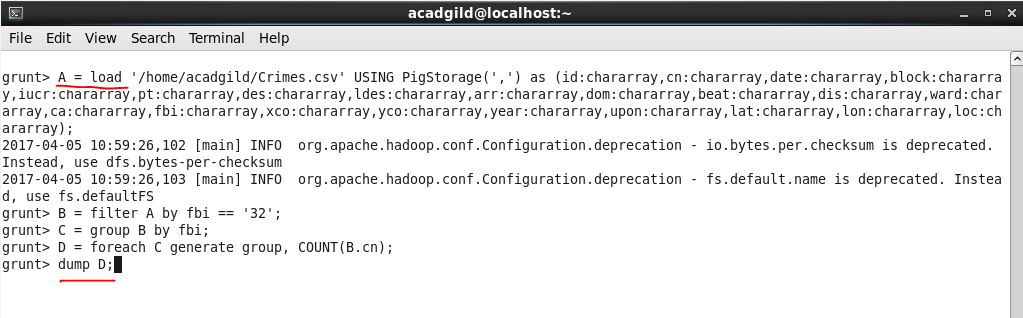
**Q.1. Write a mapreduce and pig program to calculate the number of cases investigated under each FBI code.**

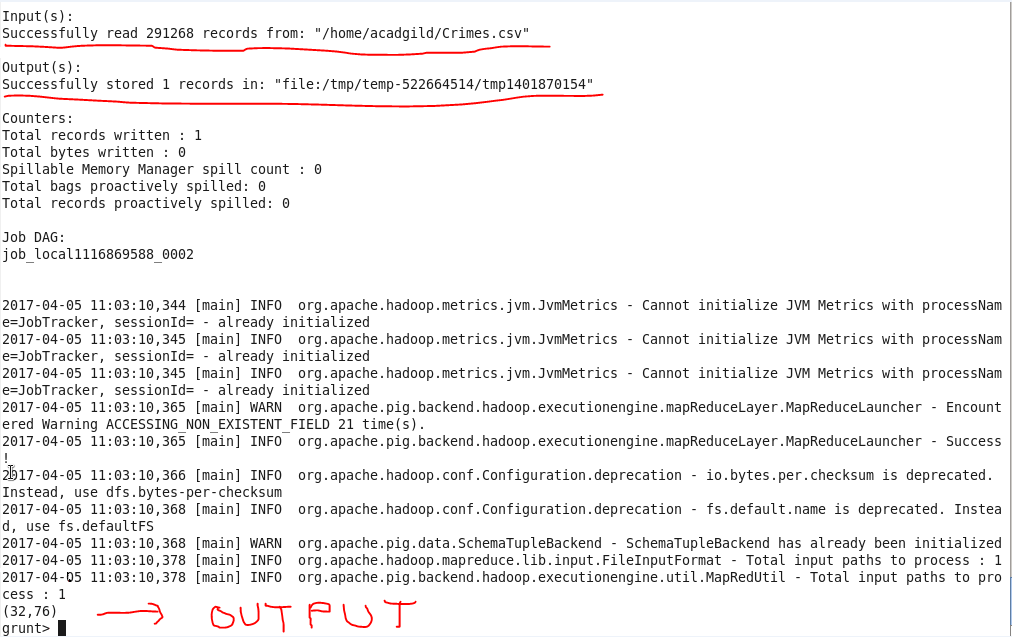
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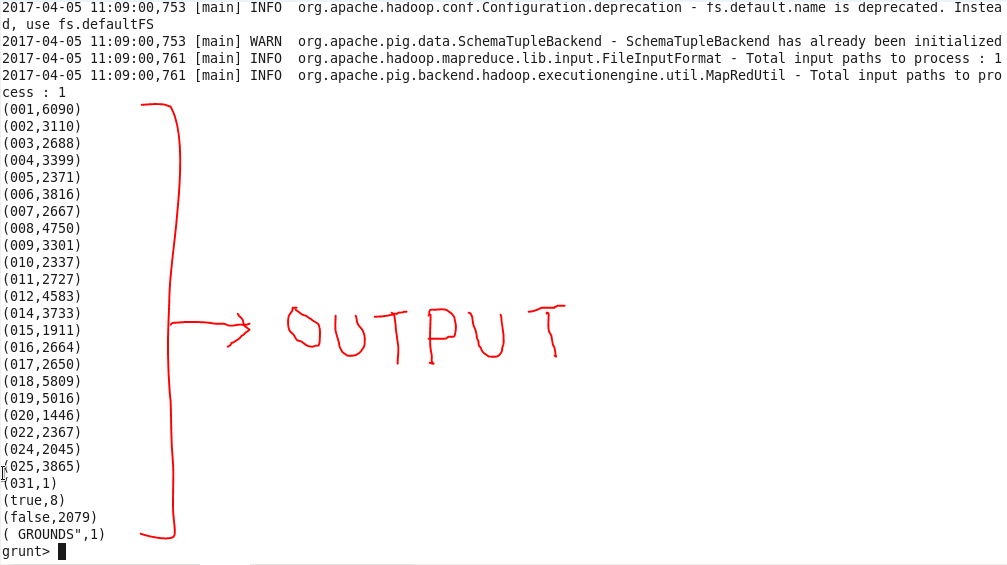
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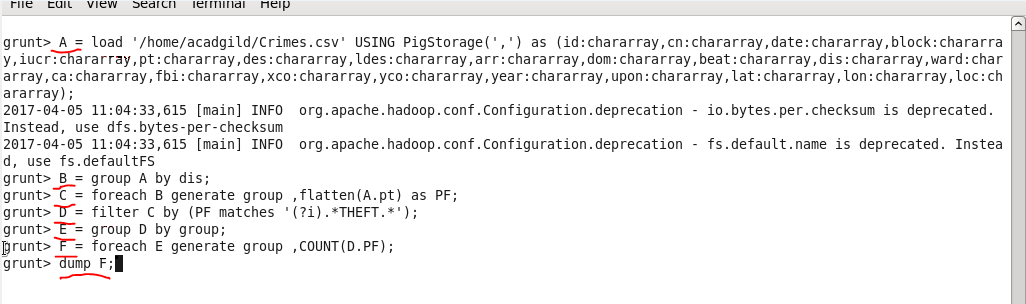
**Q.2. Write a mapreduce and pig program to calculate the number of cases investigated under FBI code 32.**

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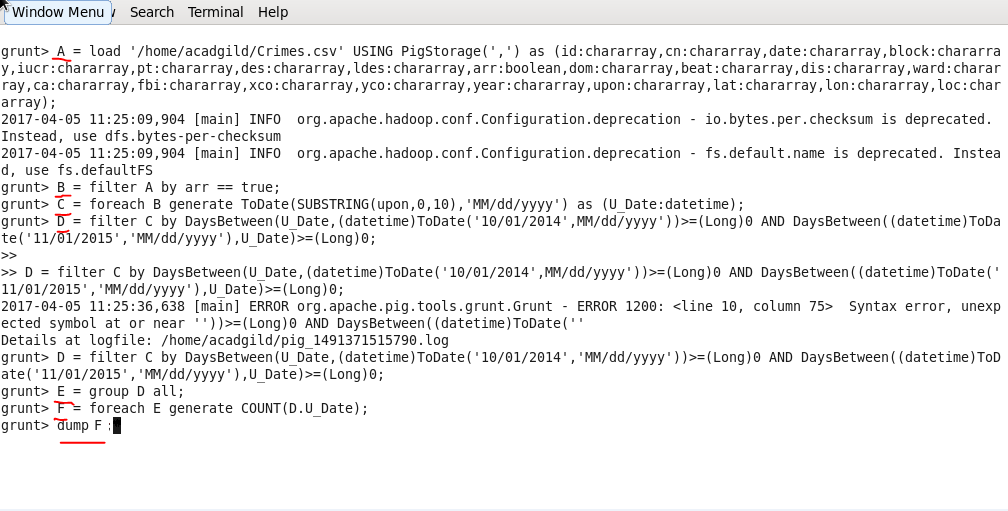
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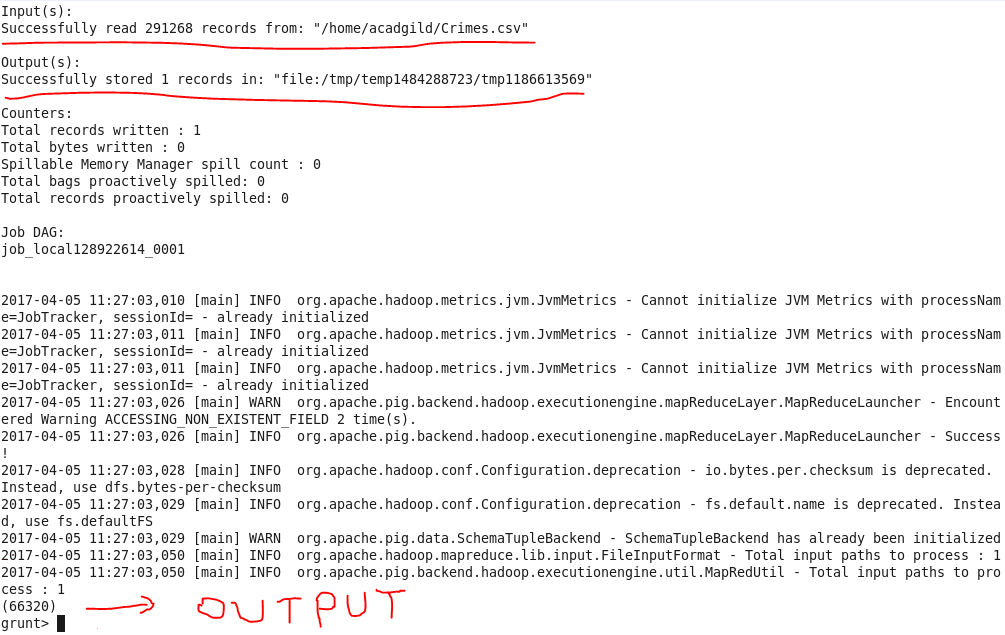
**Q.3. Write a mapreduce and pig program to calculate the number of arrests in theft district wise.**

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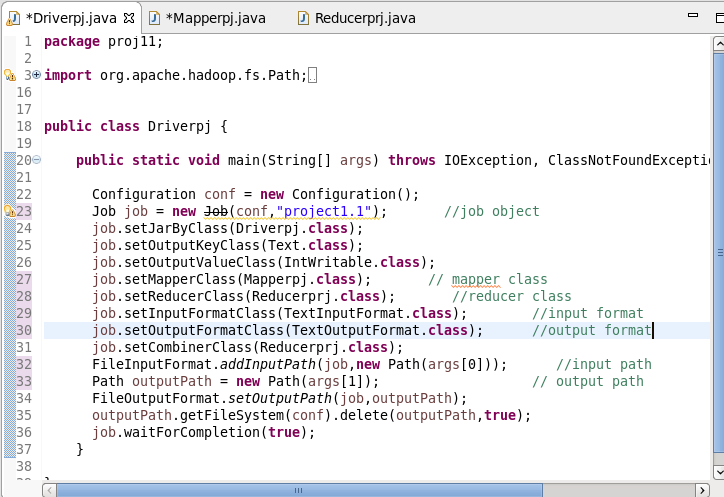
**Q.4. Write a mapreduce and pig program to calculate the number of arrests done between October 2014 and October 2015.**

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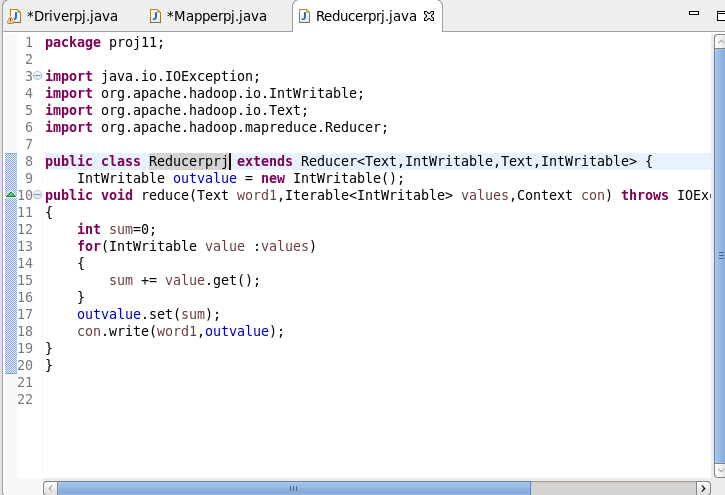
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**Solution By MapReduce:**

**Driver**

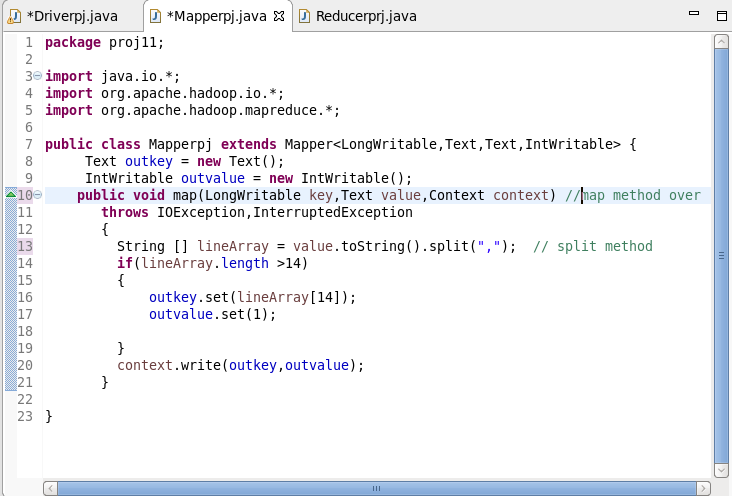
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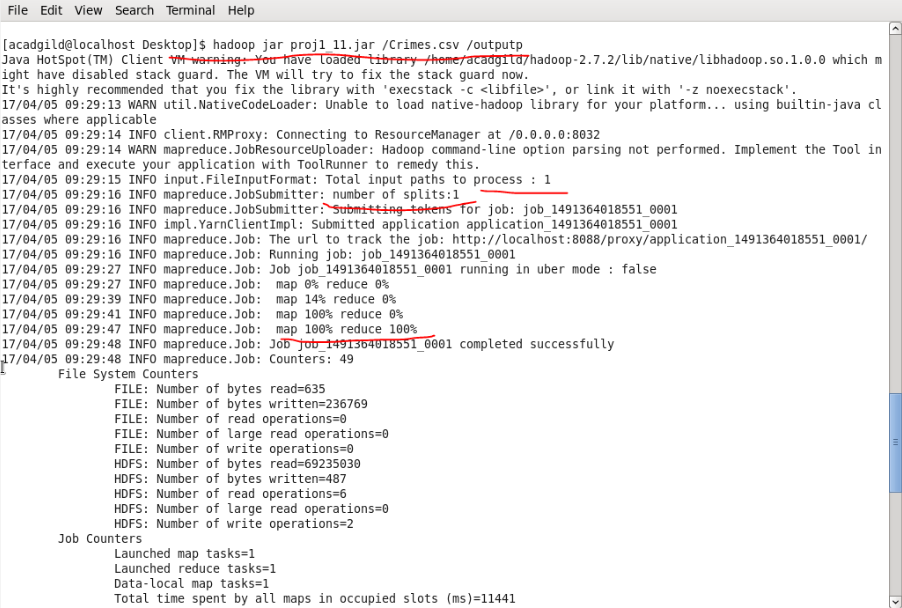
**Reducer:**

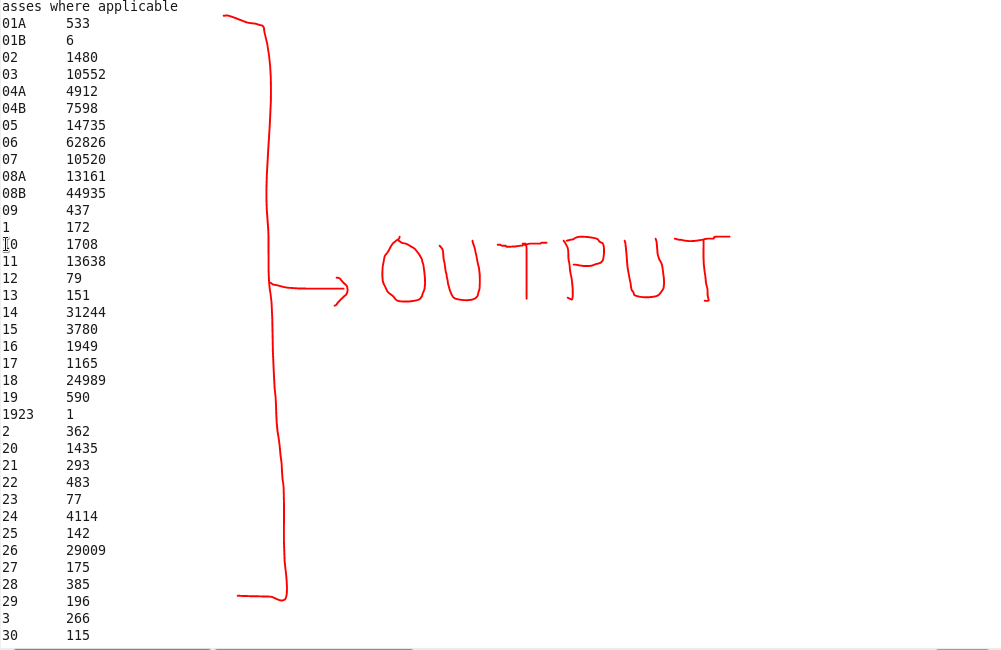
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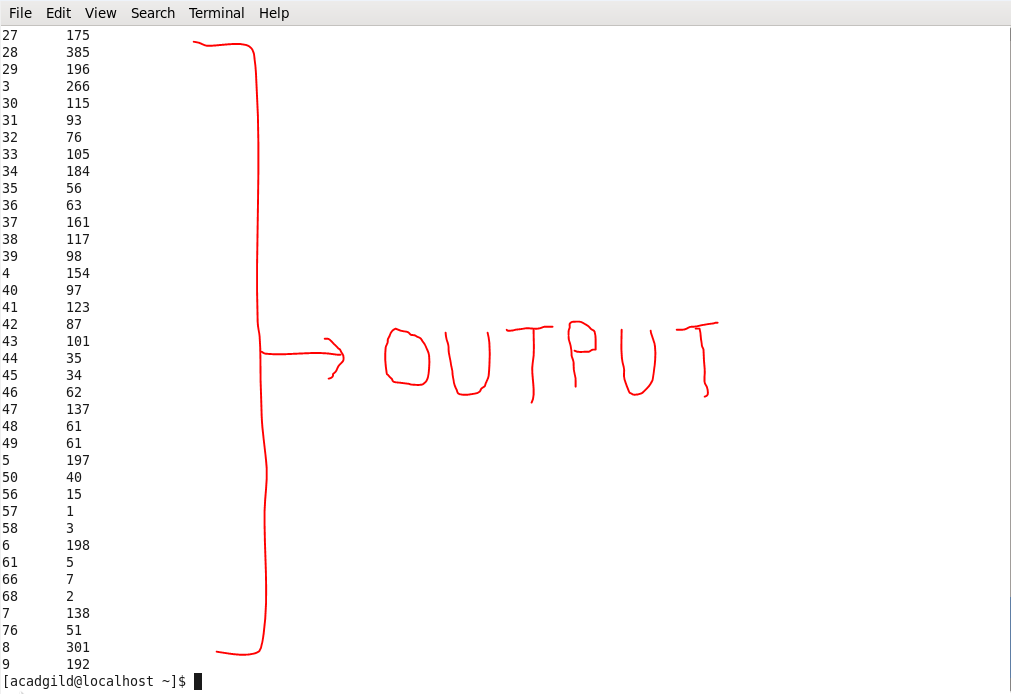
**Mapper and Output for every question:**

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

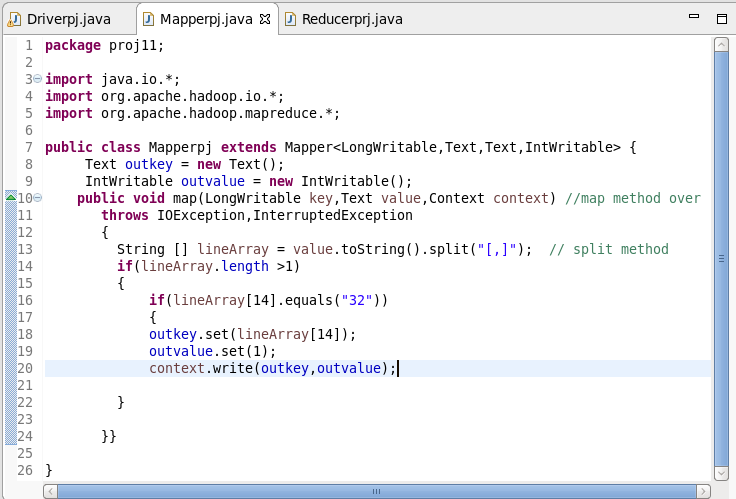
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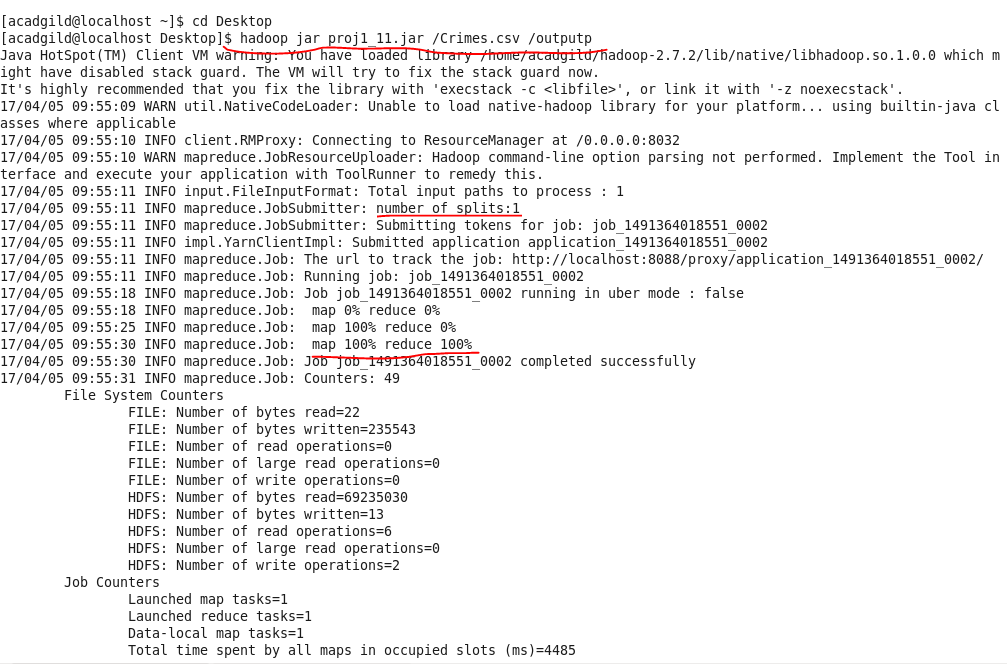


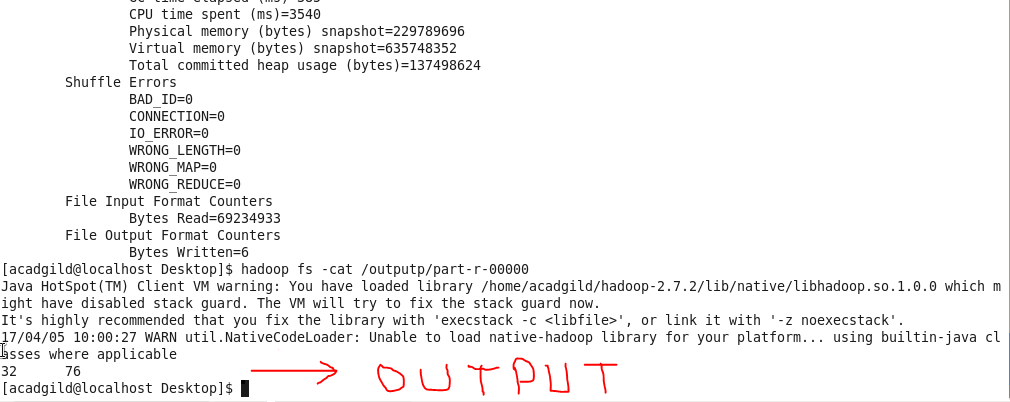




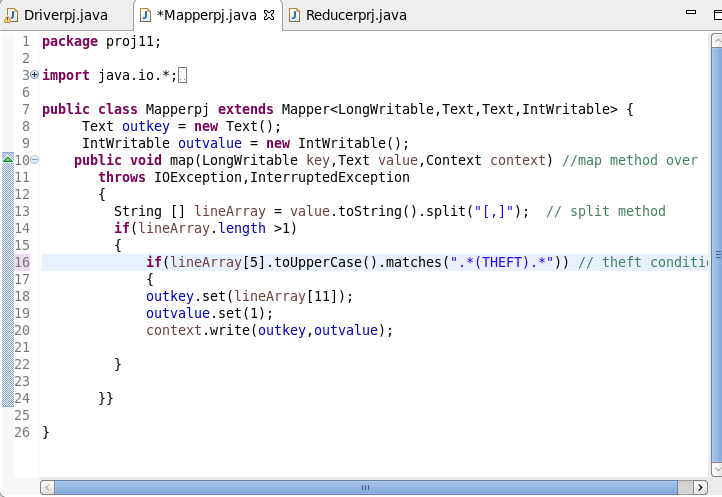
**Q.2. Write a mapreduce and pig program to calculate the number of cases investigated under FBI code 32.**

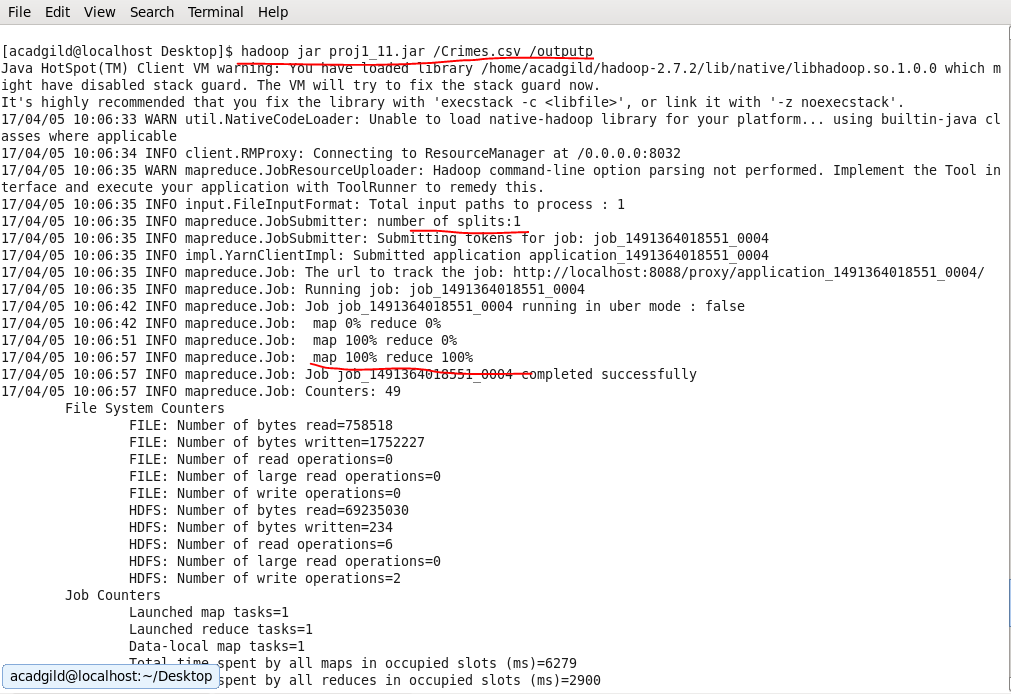
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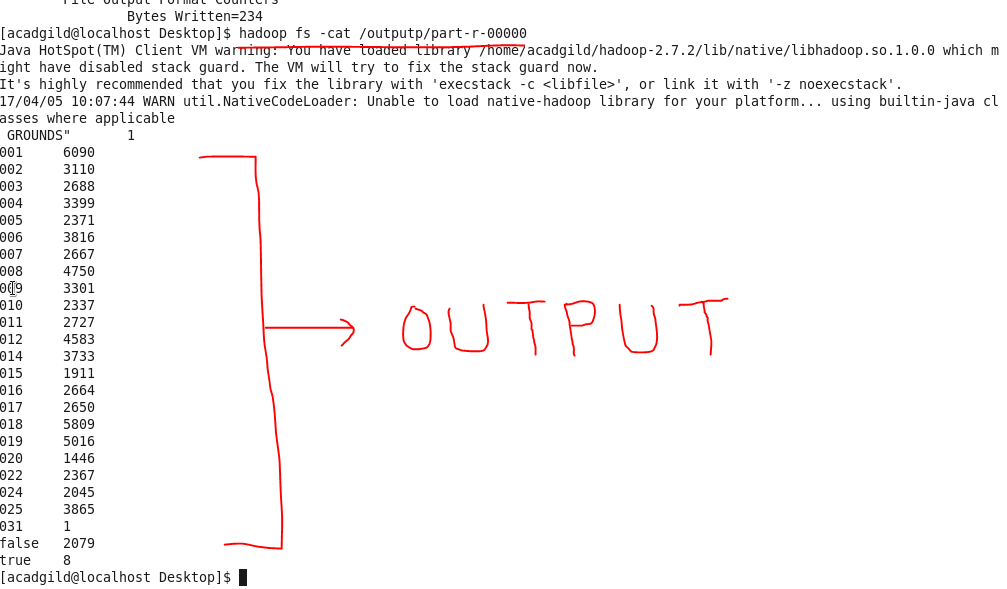
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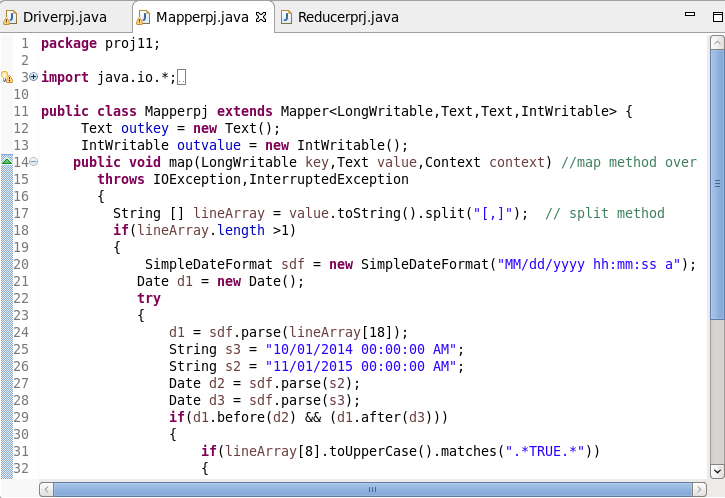
**Q.3. Write a mapreduce and pig program to calculate the number of arrests in theft district wise.**

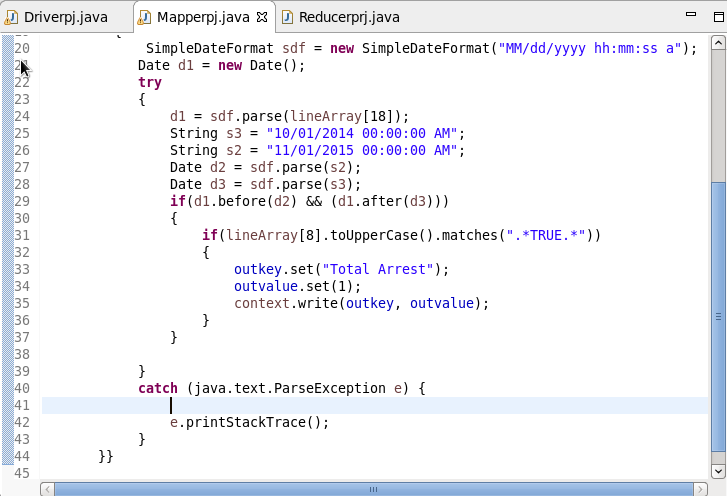
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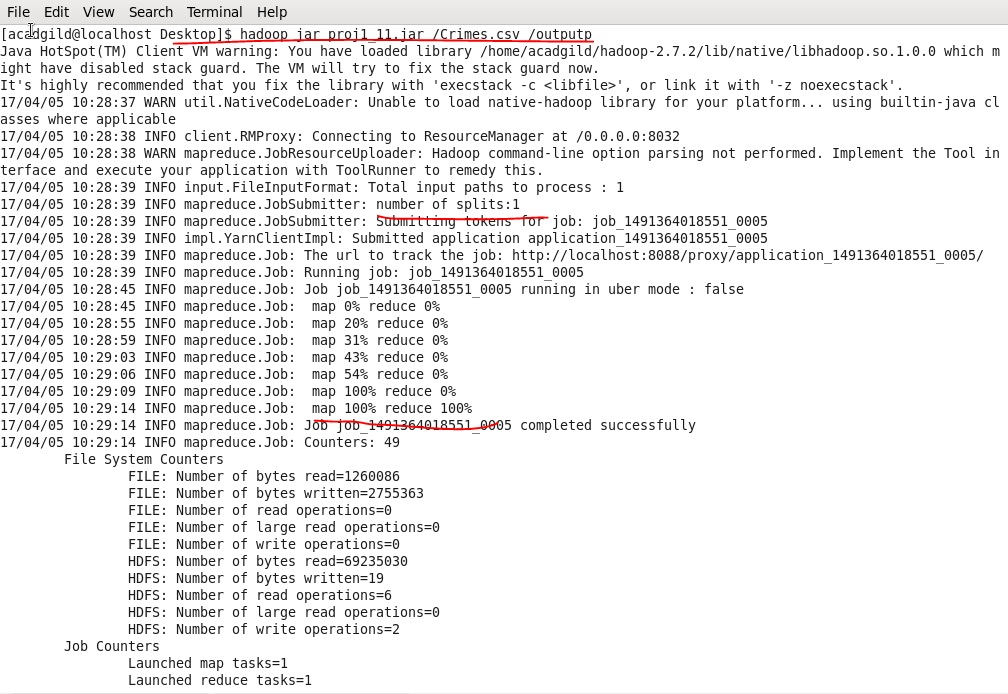
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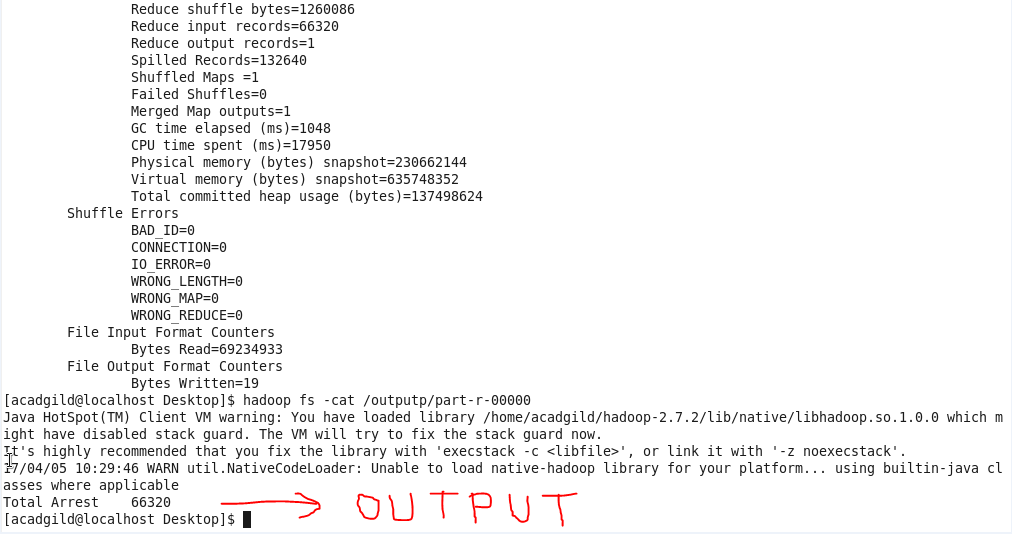
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**Q.4. Write a mapreduce and pig program to calculate the number of arrests done between October 2014 and October 2015.**

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