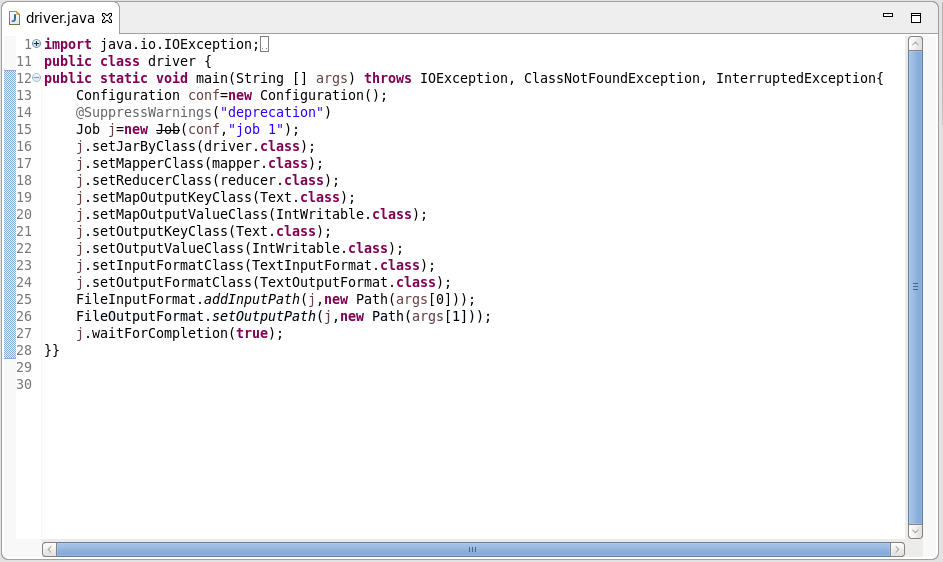
**Project-1:**

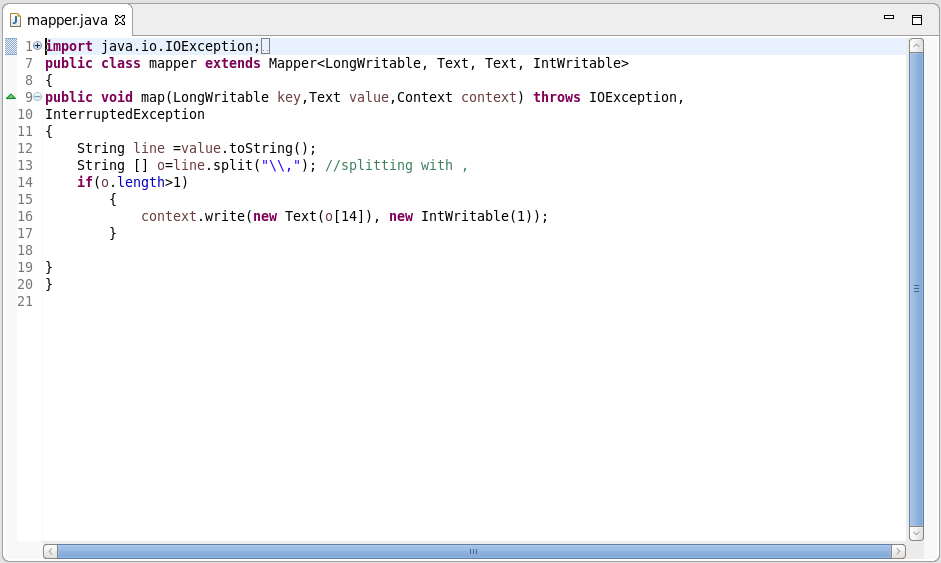
**1 .Write a map reduce and pig program to calculate the number of cases investigated under each FBI code**

**USING MAP REDUCE:**

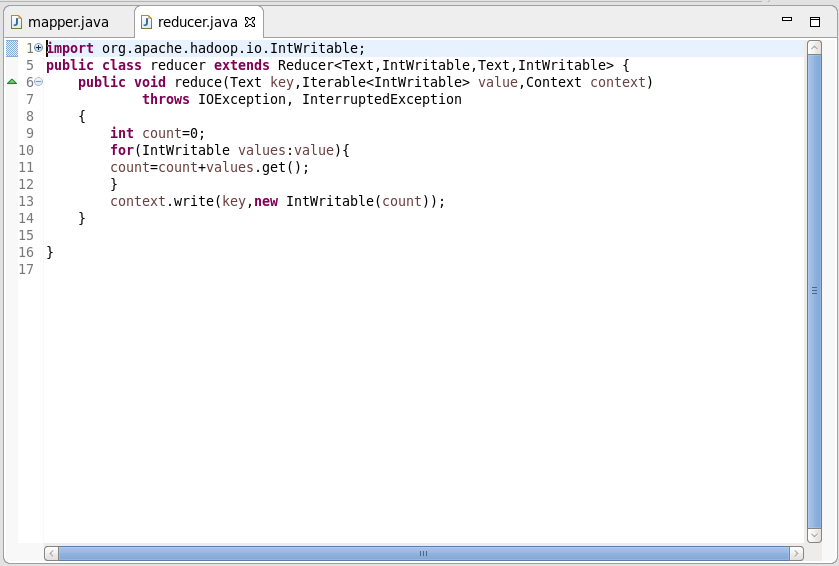
**DRIVER CLASS:**

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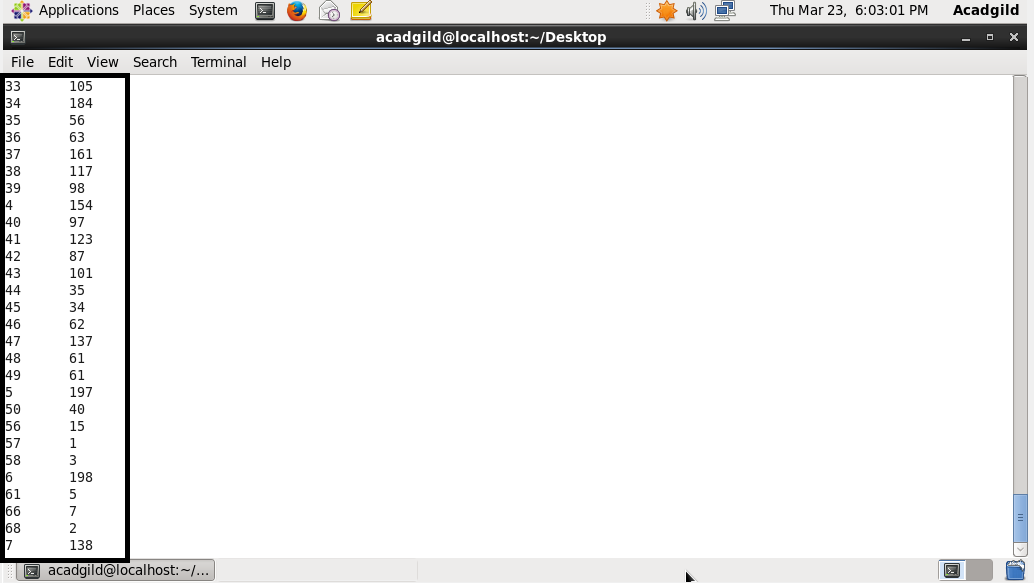
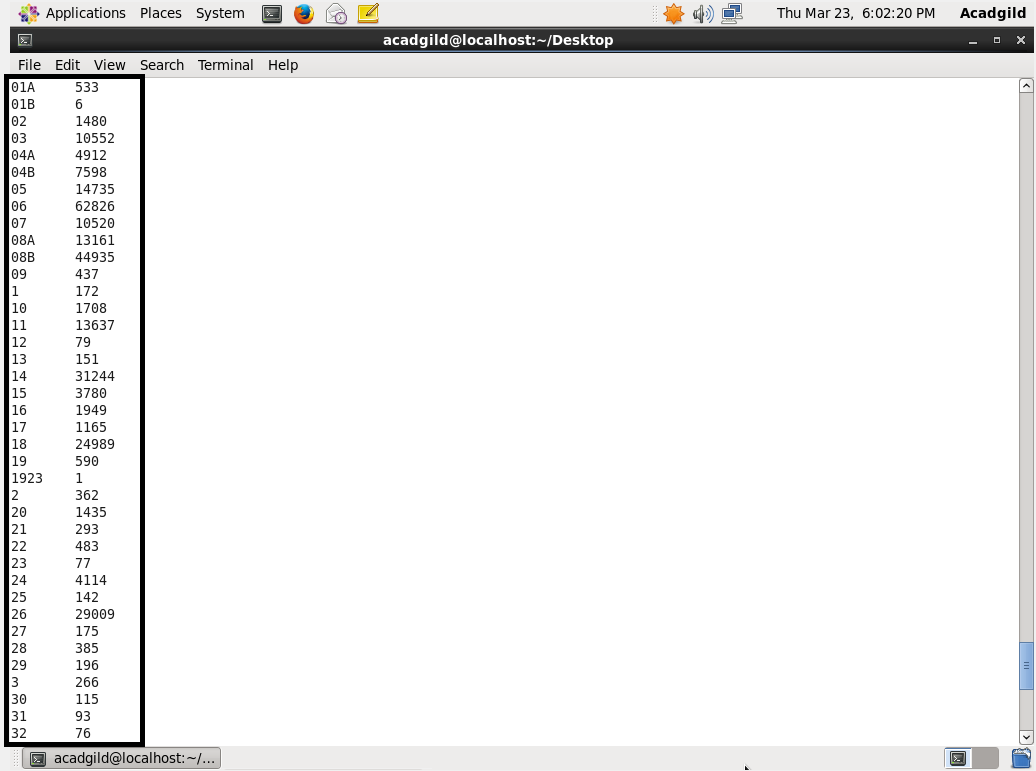
**MAPPER CLASS:**



**REDUCER CLASS:**



**OUTPUT:**

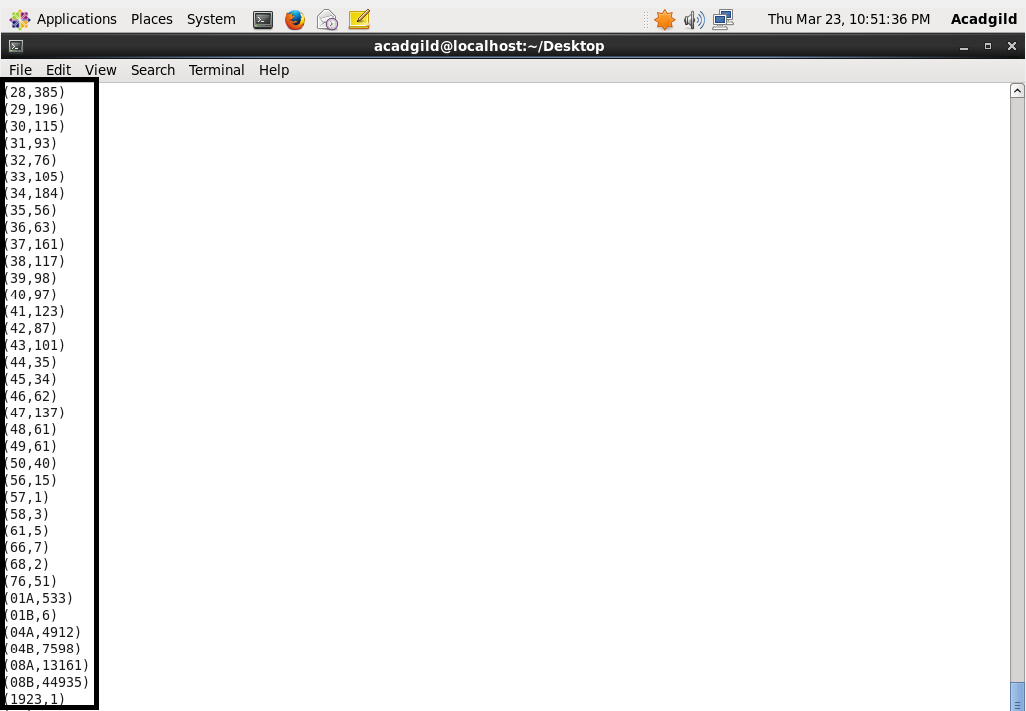
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**USING PIG:**

**COMMAND:**



**OUTPUT:**

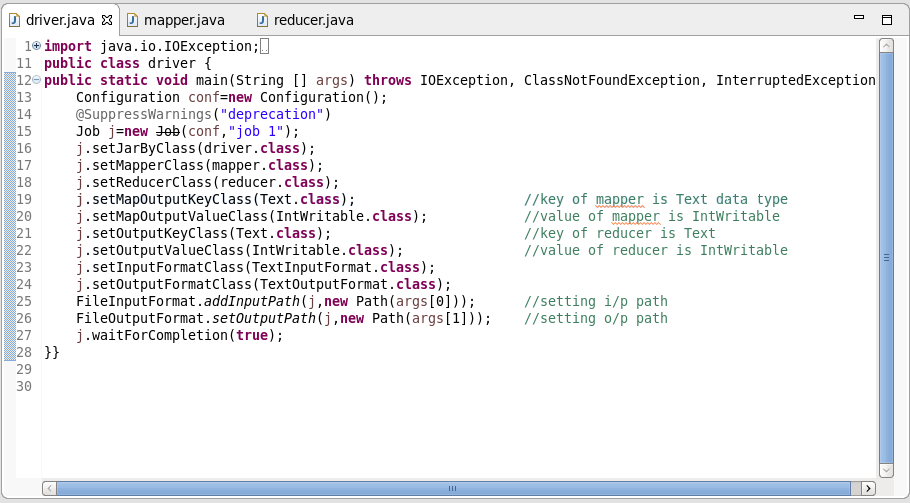
****

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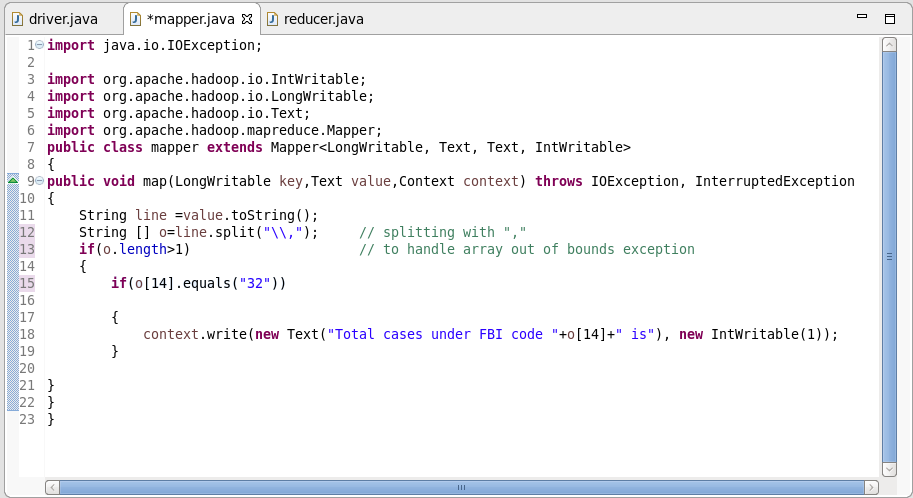
**2. Write a map reduce and pig program to calculate the number of cases investigated under FBI code 32.**

**USING MAPREDUCE:**

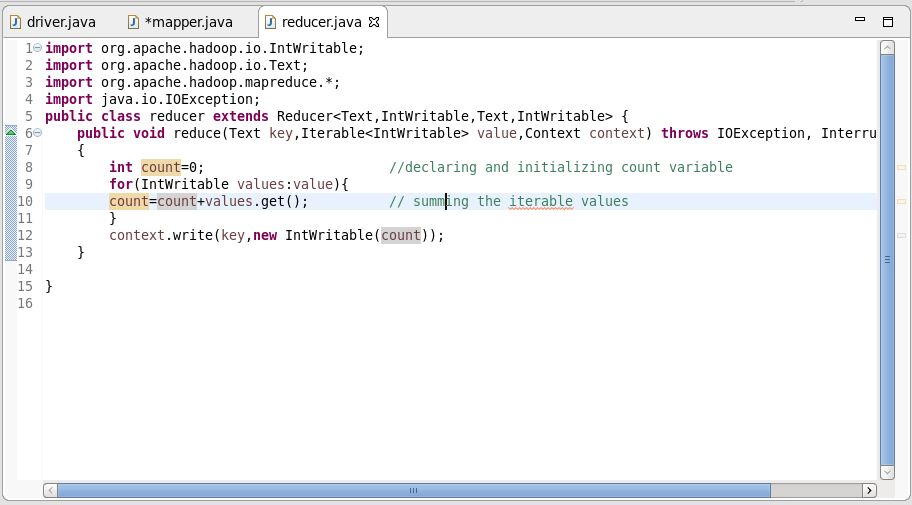
**DRIVER CLASS:**

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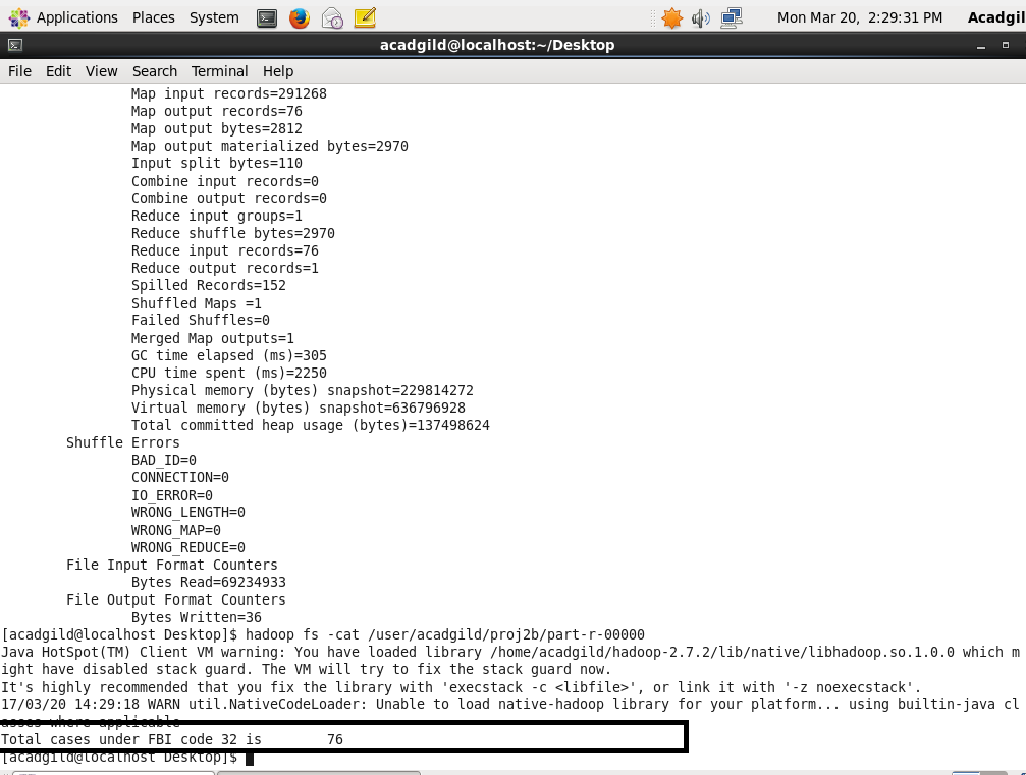
**MAPPER CLASS:**

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**REDUCER CLASS:**

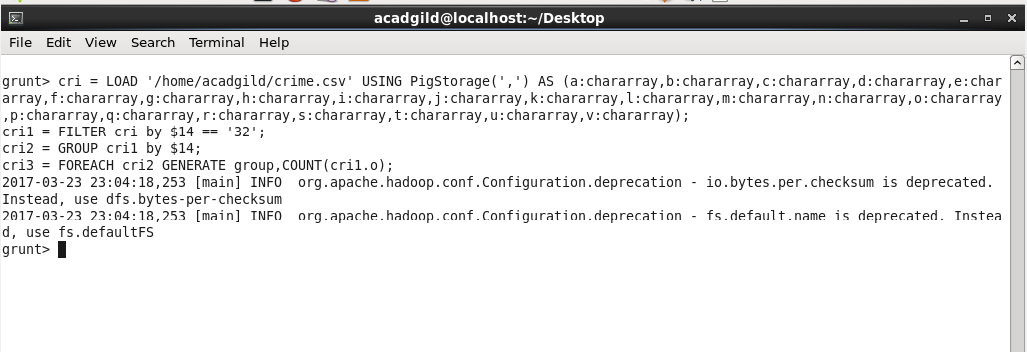


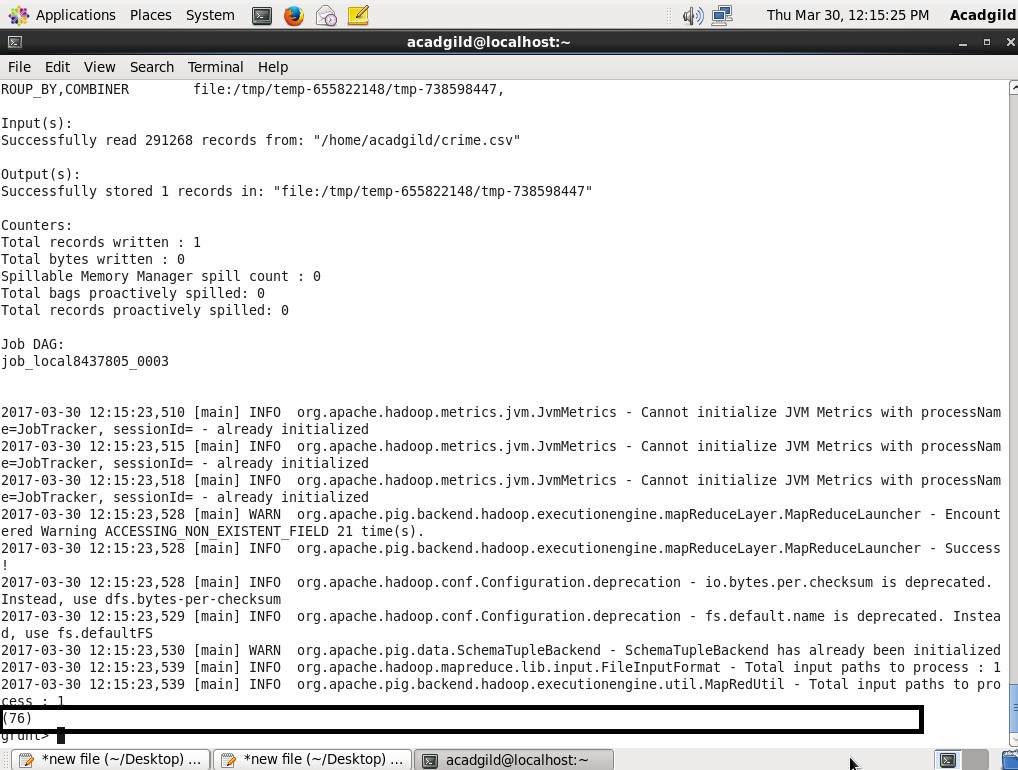
**OUTPUT:**

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**USING PIG:**

**COMMAND:**

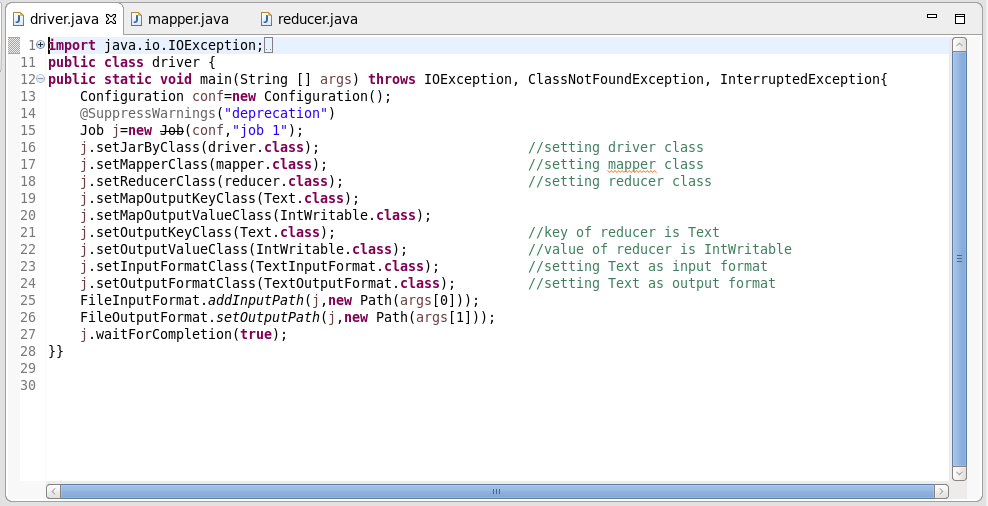
**OUTPUT:**

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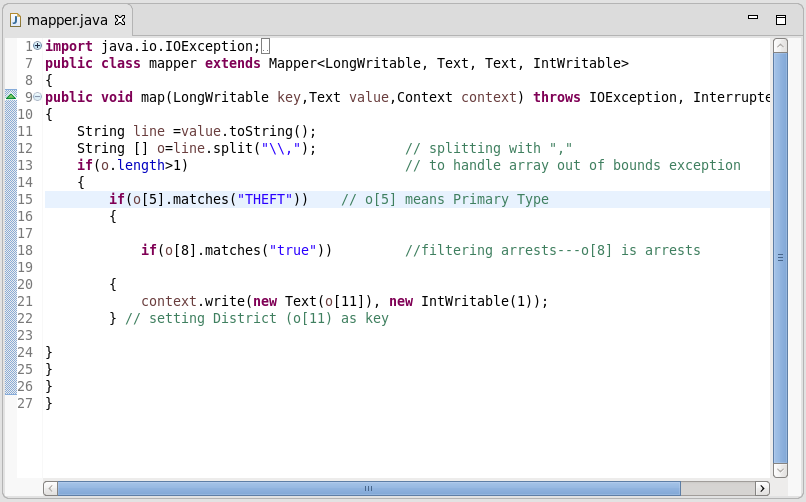
**3. Write a map reduce and pig program to calculate the number of arrests in theft district wise**

**USING MAPREDUCE:**

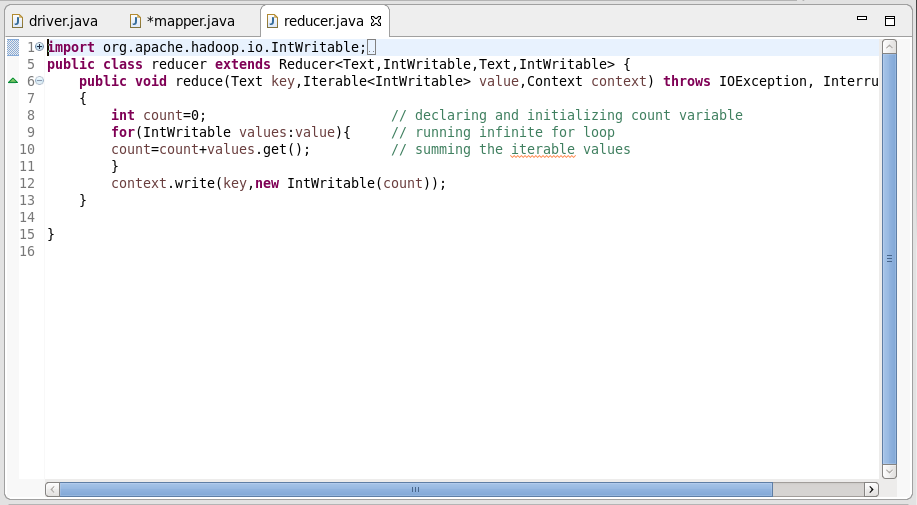
**DRIVER CLASS:**

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**MAPPER CLASS:**



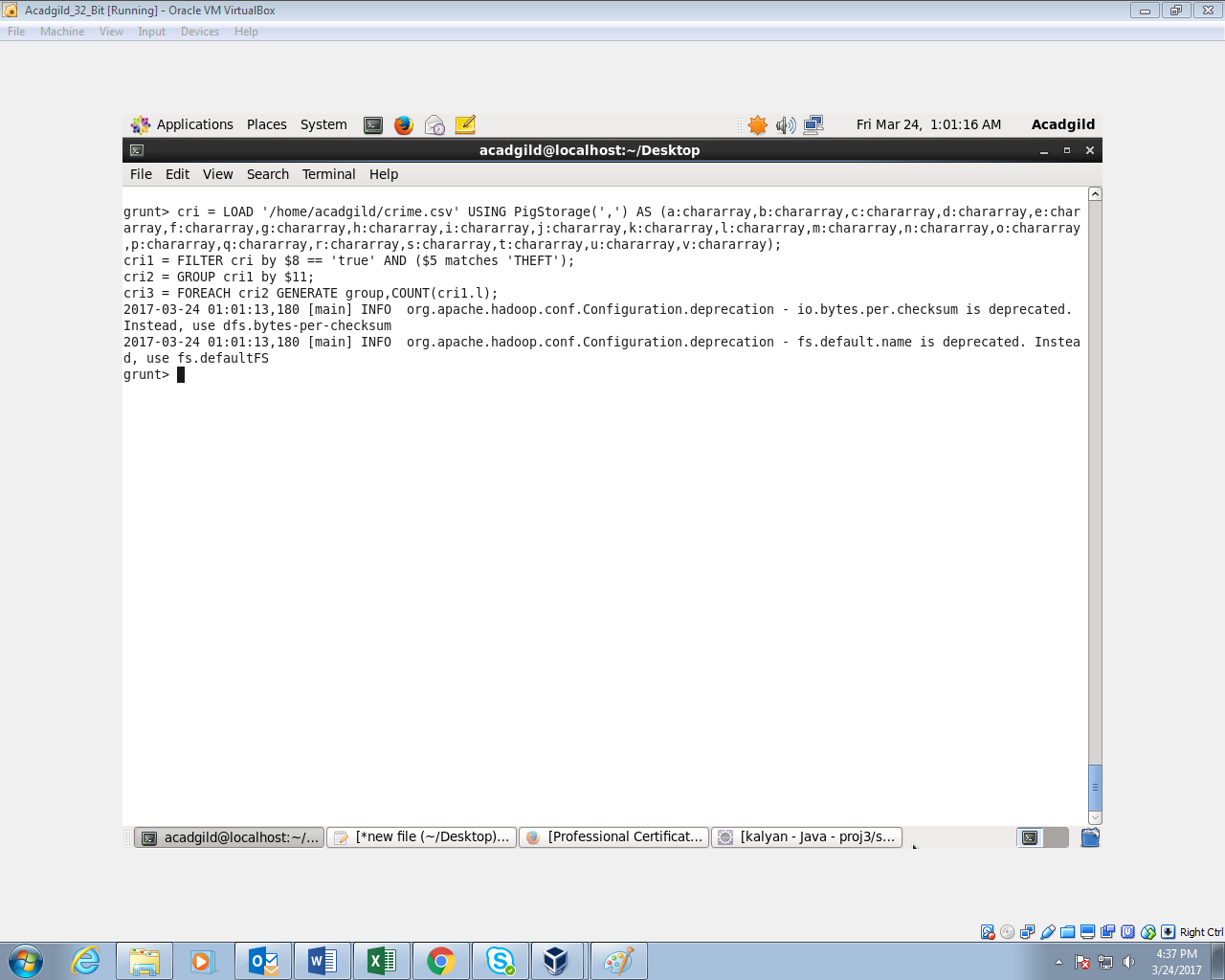
**REDUCER CLASS:**



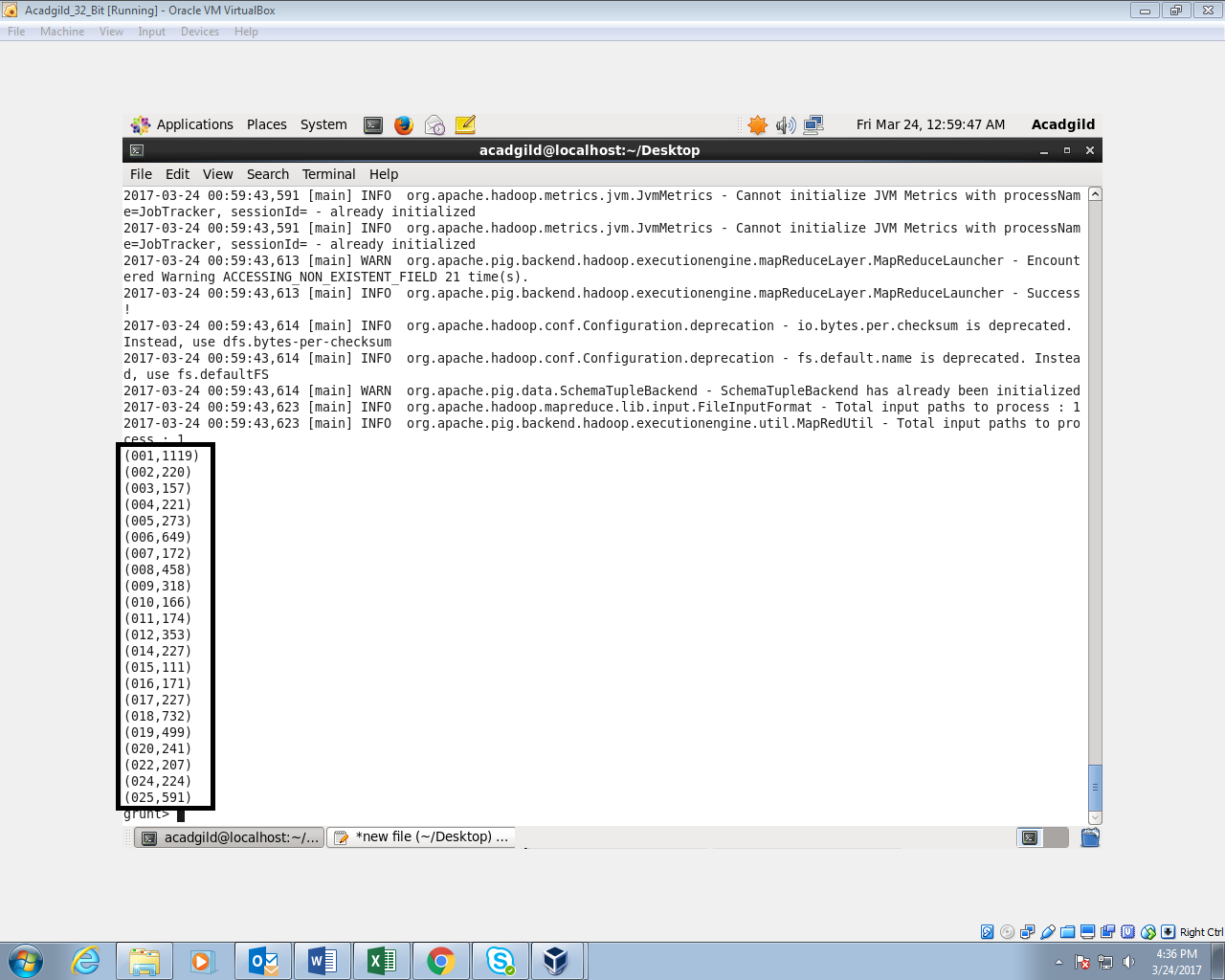
**OUTPUT:**

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**USING PIG  
  
COMMAND:**



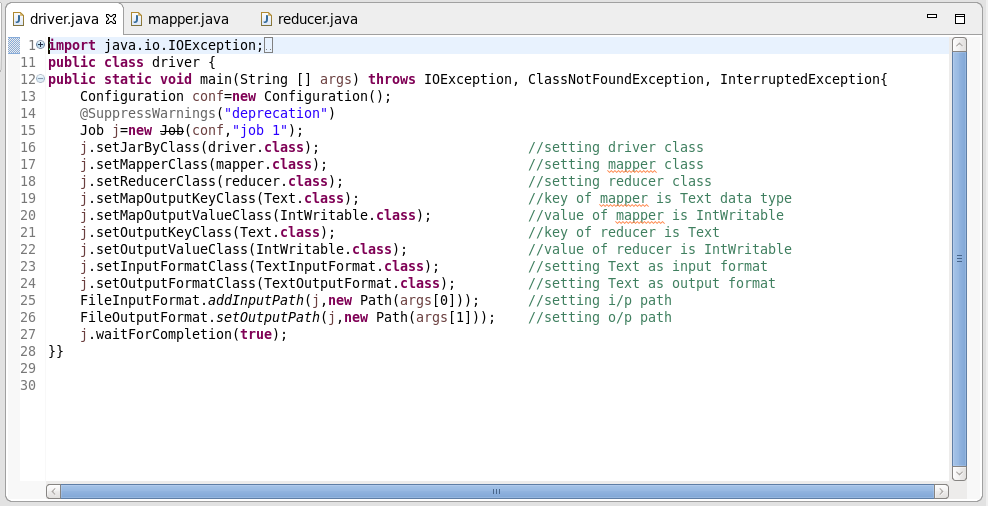
**OUTPUT:**

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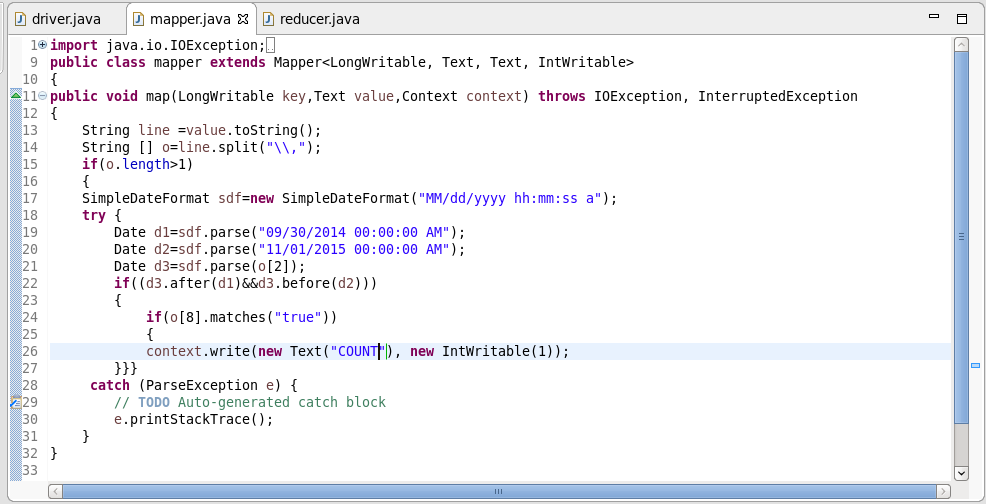
**4. Write a map reduce and pig program to calculate the number of arrests done between October 2014 and October 2015.**

**USING MAPREDUCE:**

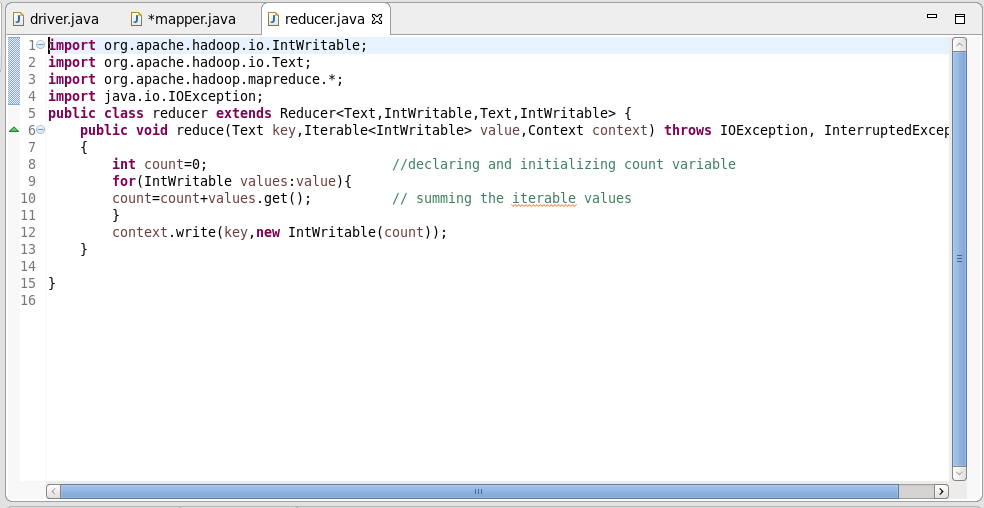
**DRIVER CLASS:**



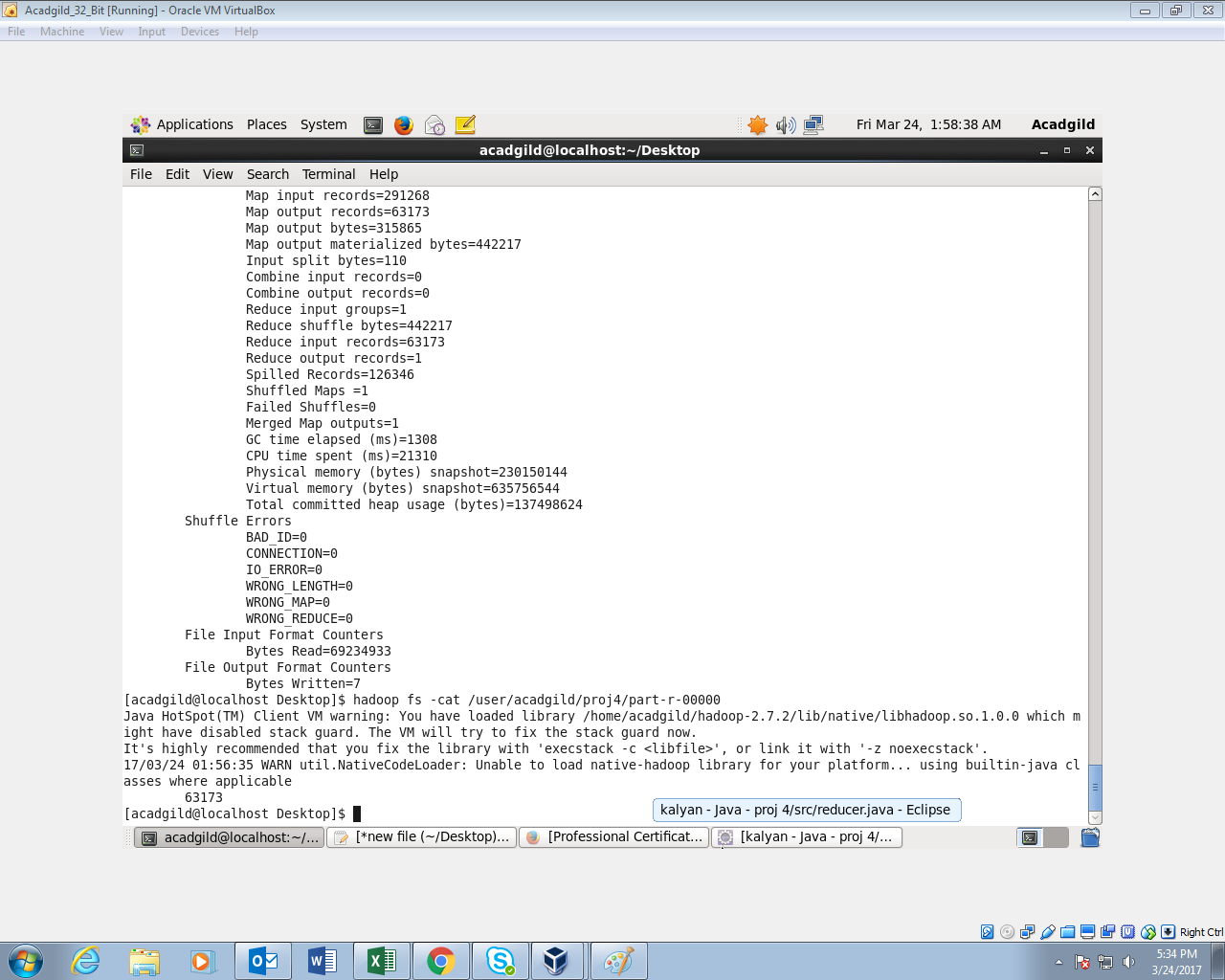
**MAPPER CLASS:**



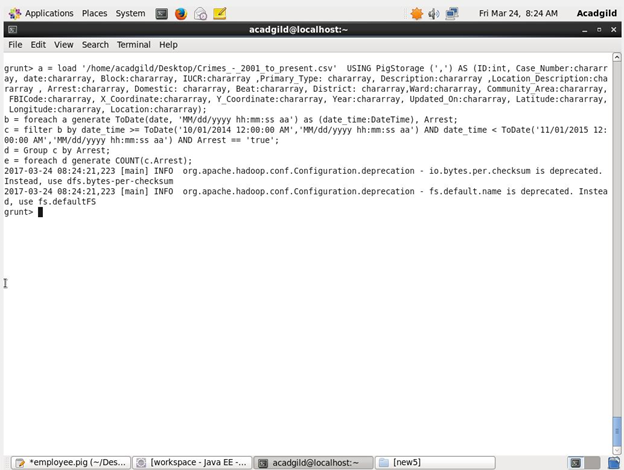
**REDUCER CLASS:**



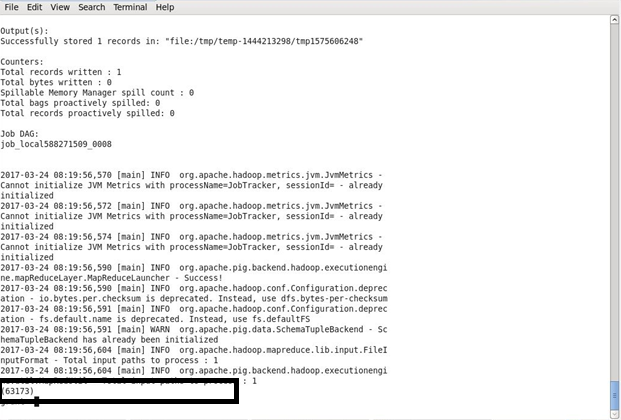
**OUTPUT:**



**USING PIG:  
COMMAND:**



**OUTPUT:**

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