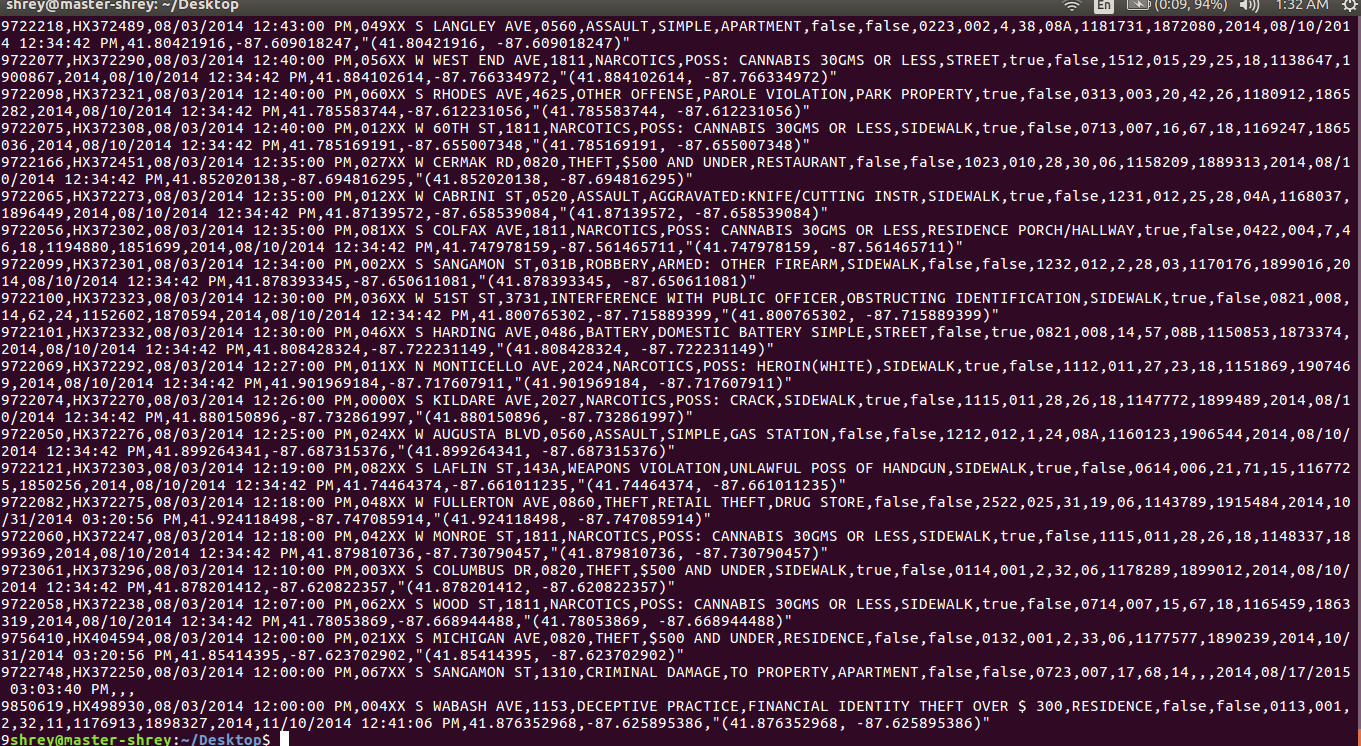
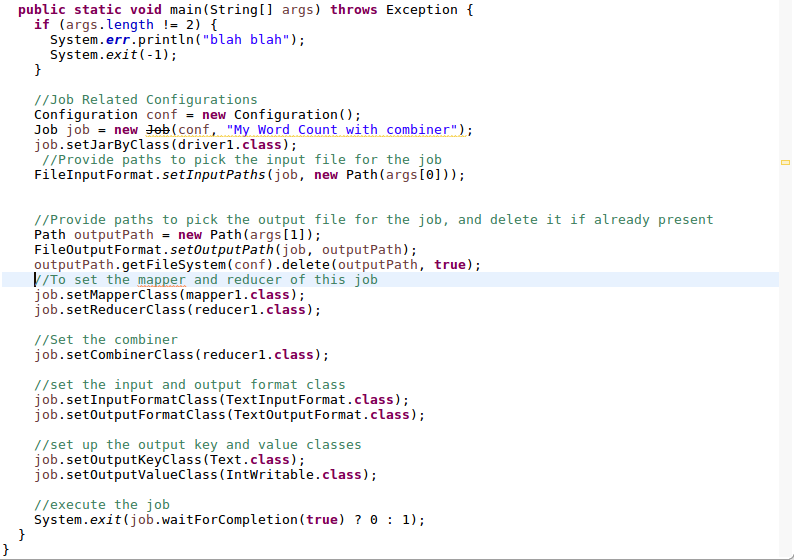
**PROJECT 1**

**Input file:**

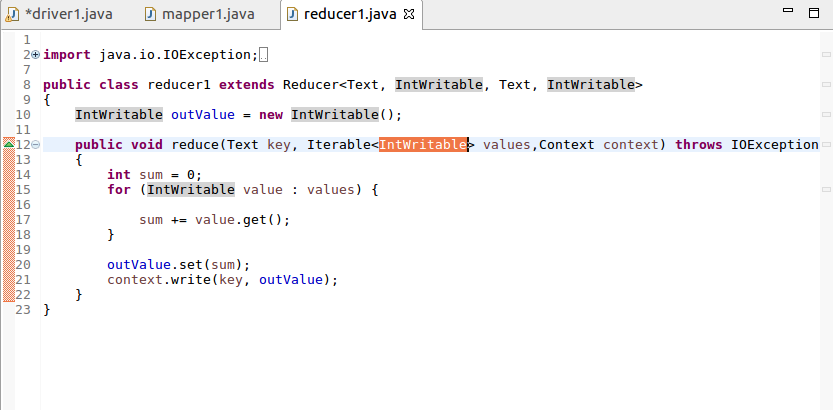
****

**Using Map Reduce :**

**The driver and the reducer are same for all the parts . Driver -**

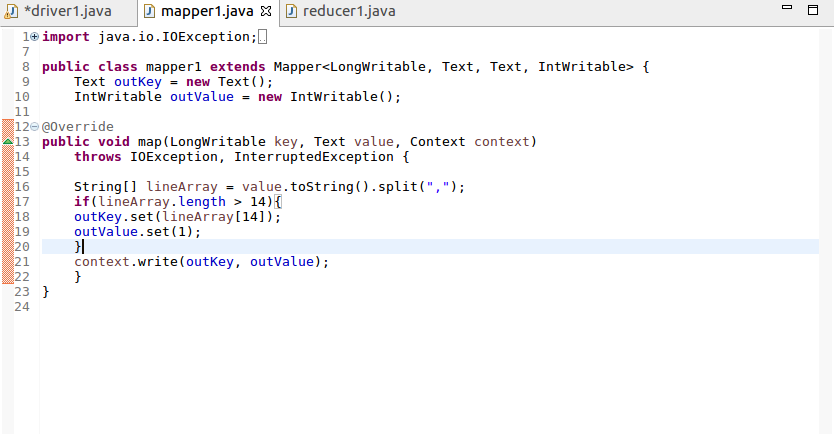
****

**Reducer:**

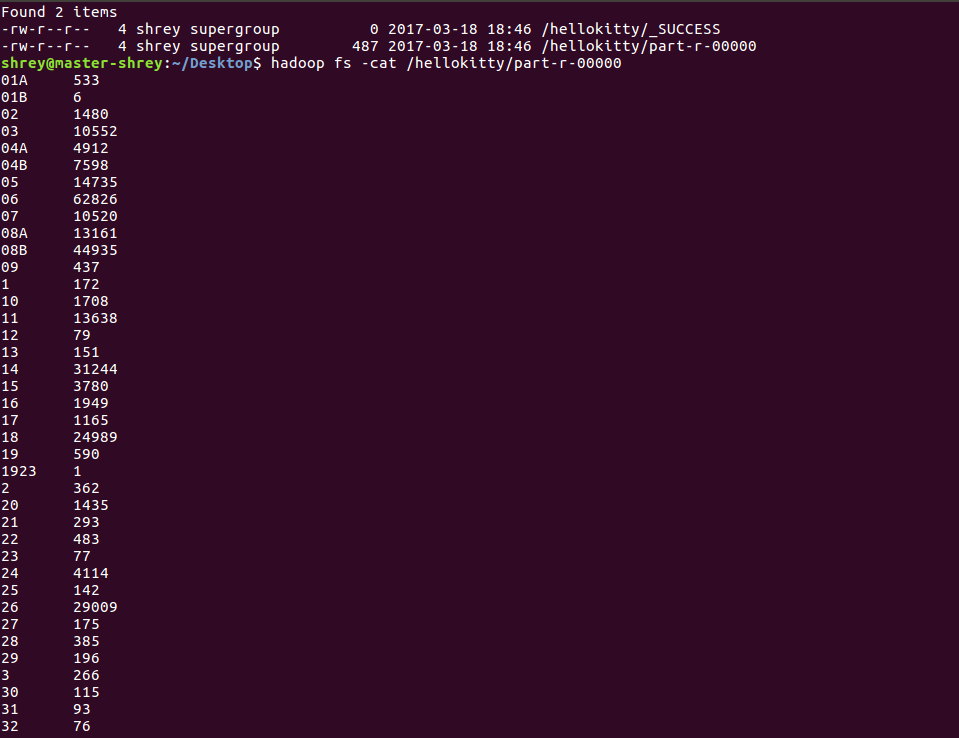
****

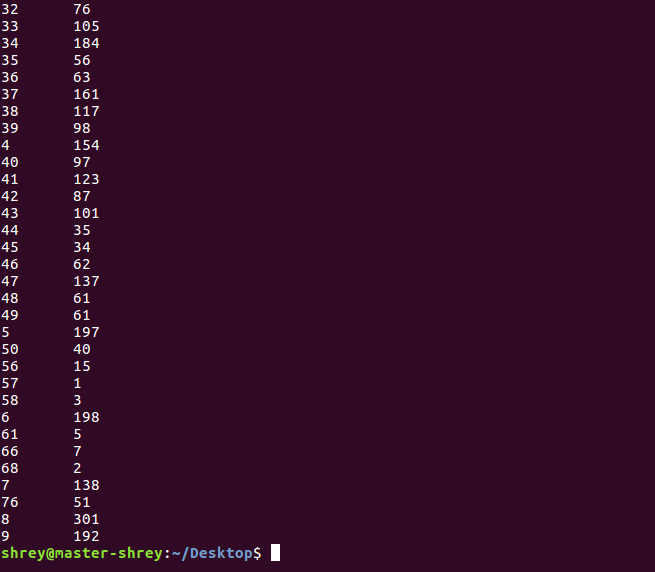
**1.Write a mapreduceand pig program to calculate the number of cases investigated under each FBI code.**

**Mapper :**

****

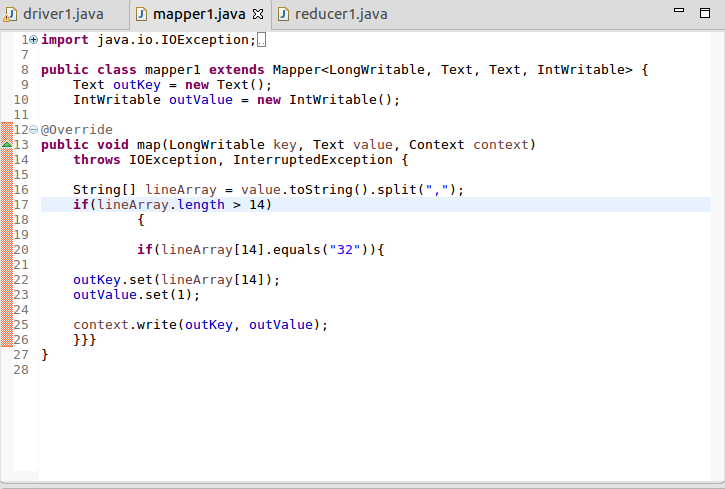
**Output :**

****

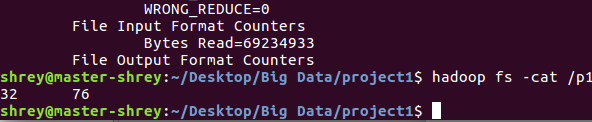
****

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

**Mapper :**

****

**Output :**

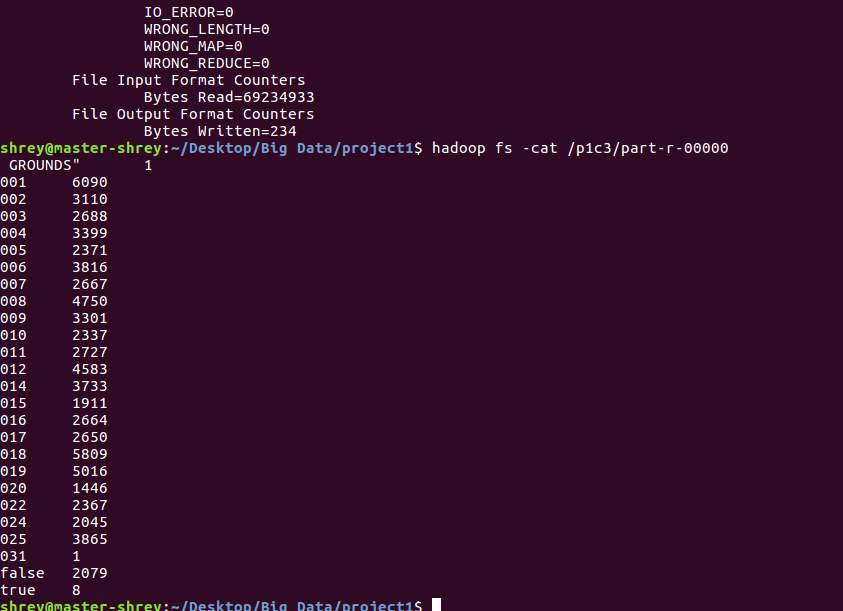
****

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

**Mapper :**

****

**Output :**

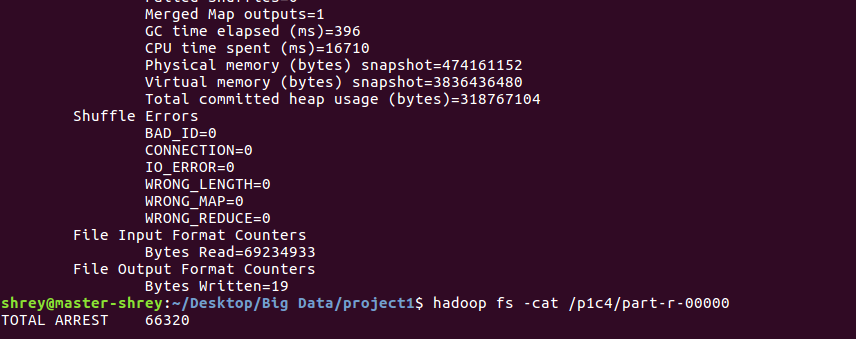
****

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

**Mapper :**

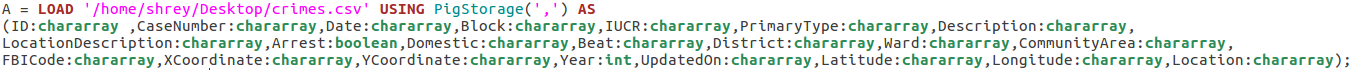
****

**Output :**

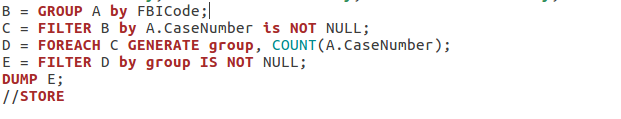
****

**Solving by Pig -**

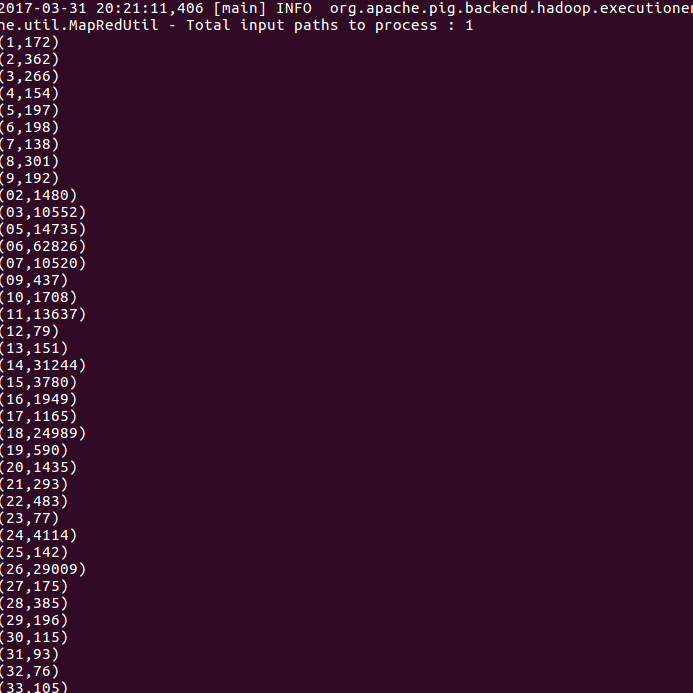
**First load the file :**

****

**Part 1 -**

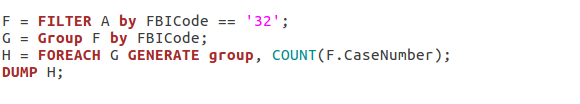
****

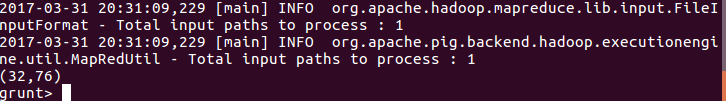
**Output :**

****

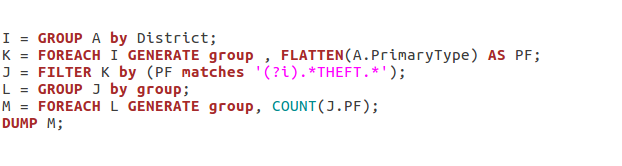


**Part 2 :**

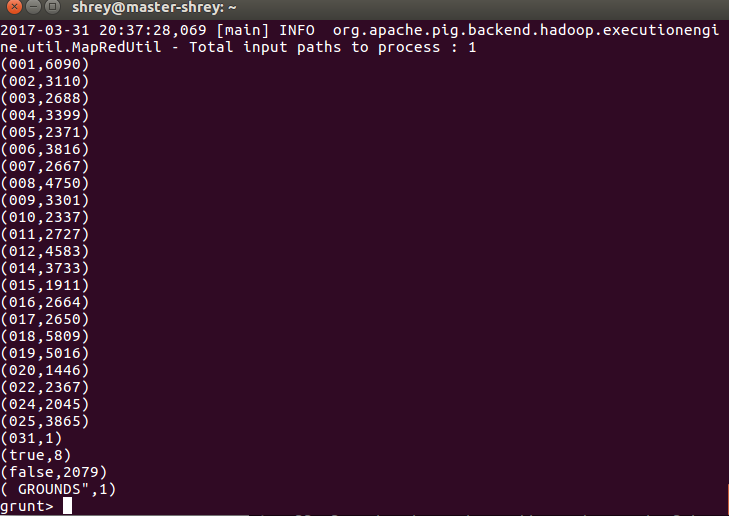
**Output :**

****

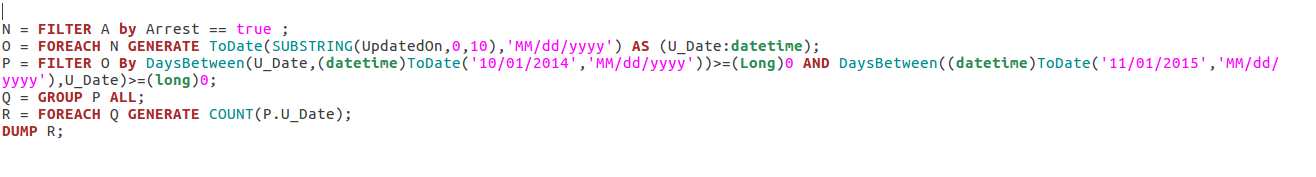
**Part 3 -**

****

**Output -**

****

**Part 4 -**

****

**Output :**

