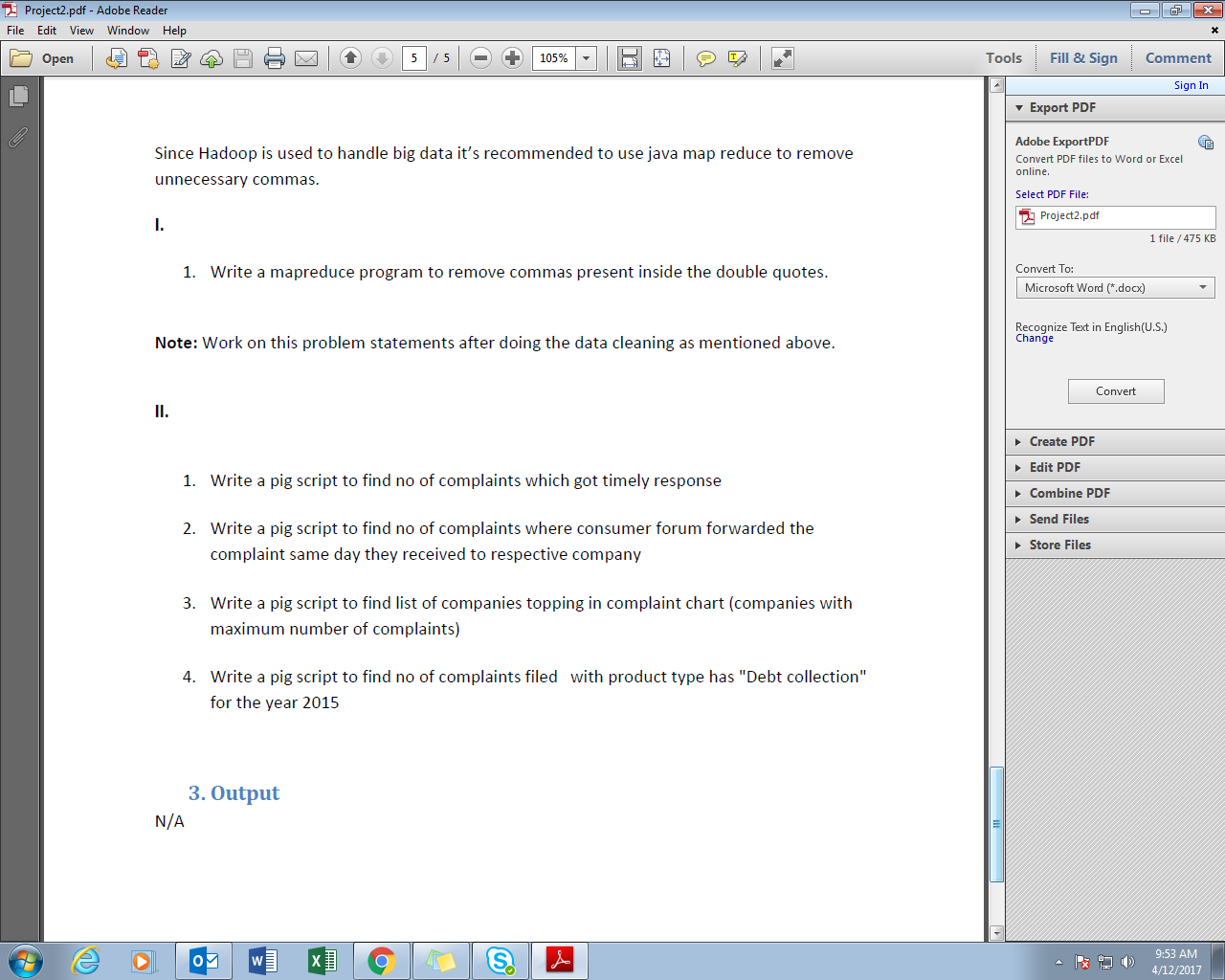
**PROBLEM STATEMENT:**

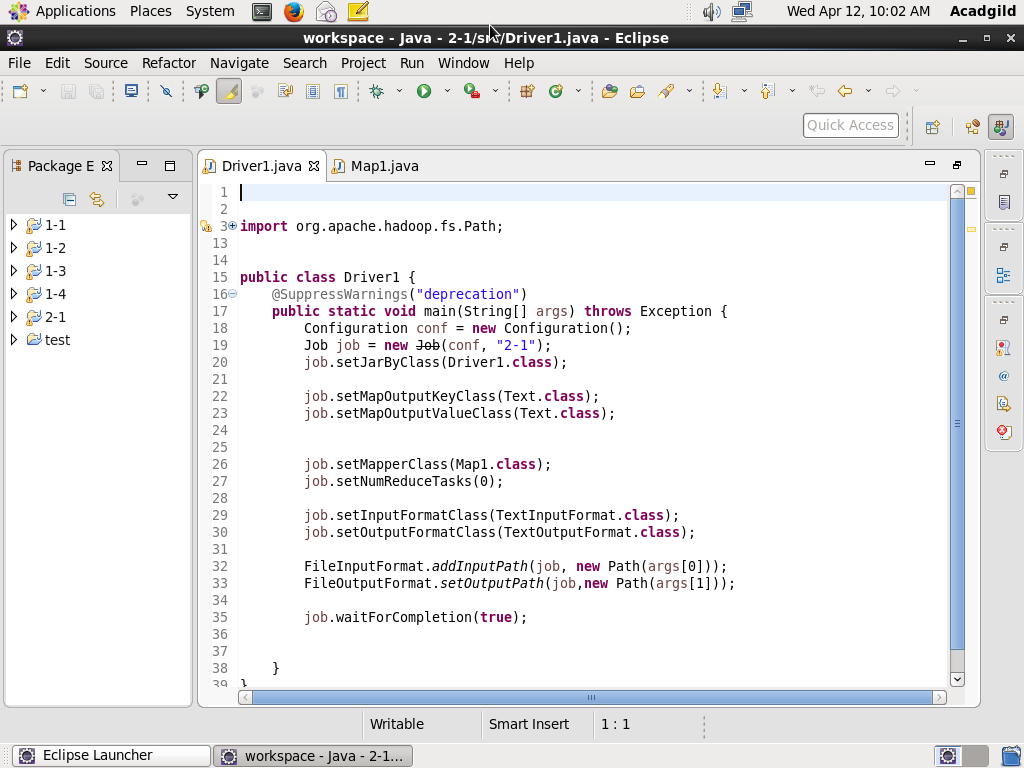
****

**SECTION-1:**

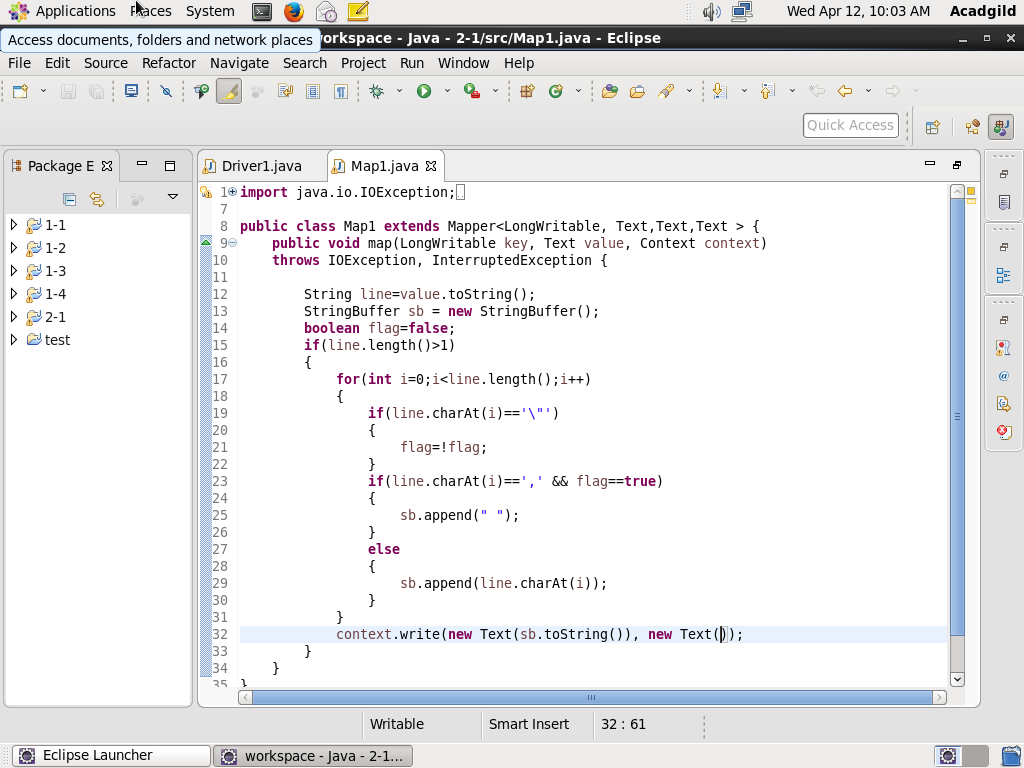
**Q1-Write a mapreduce program to remove commas present inside the double quotes.**

**PROGRAM:**

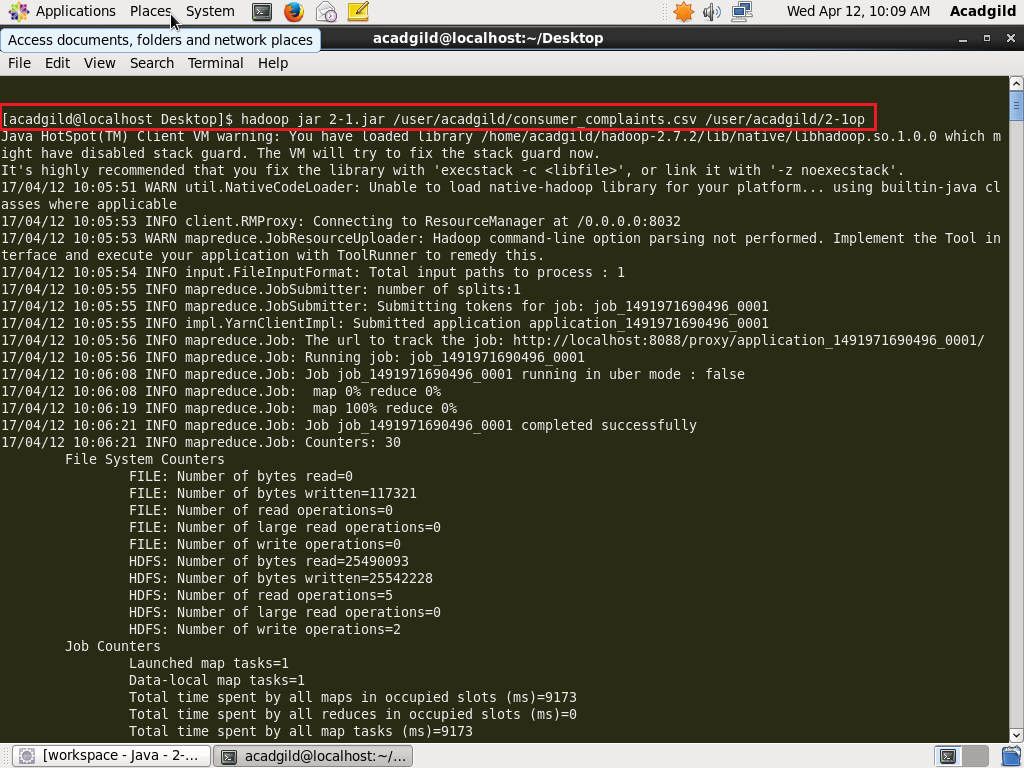
**DRIVER CLASS:**

****

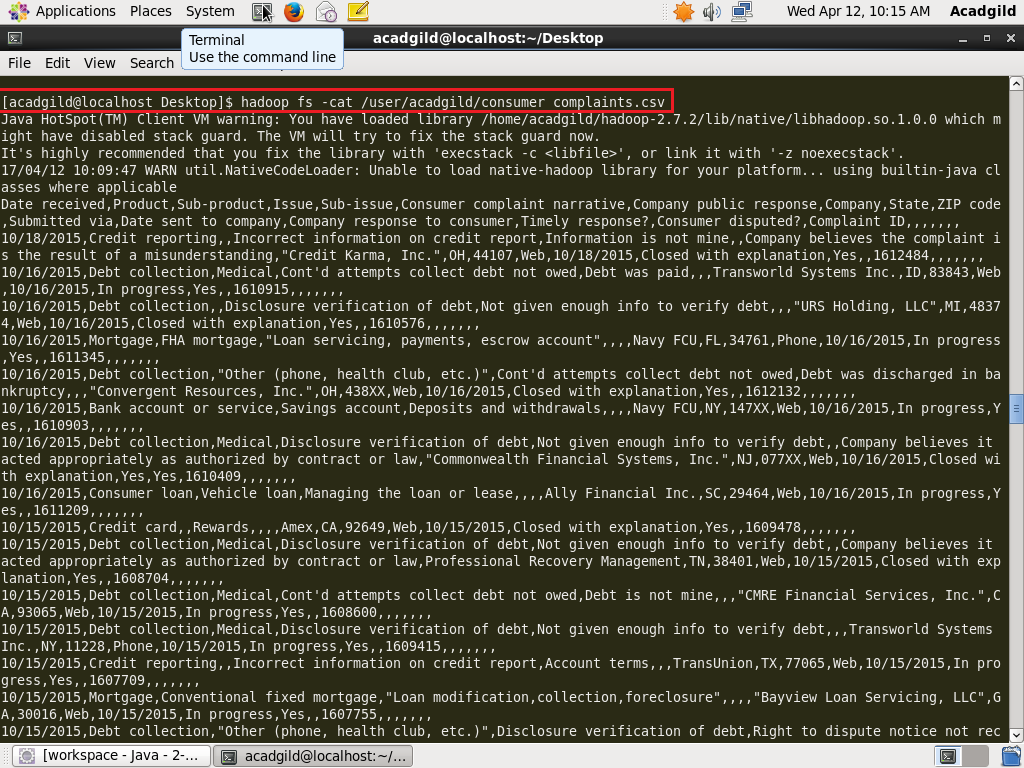
**MAPPER CLASS:**

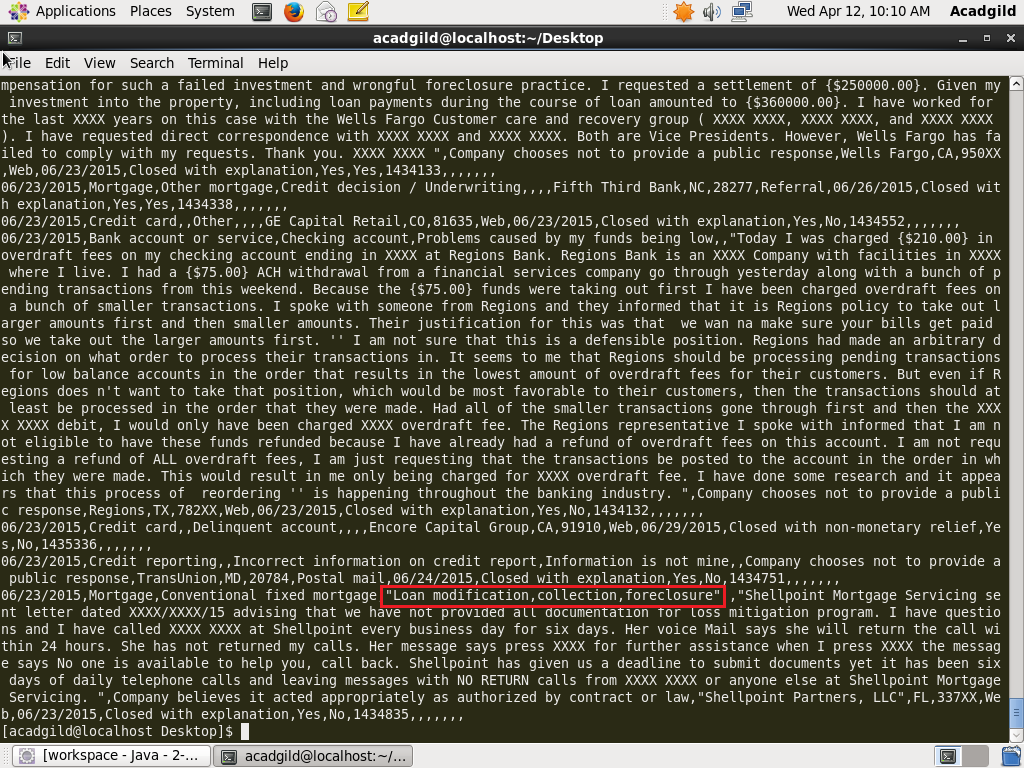
****

**EXECUTION COMMAND:**

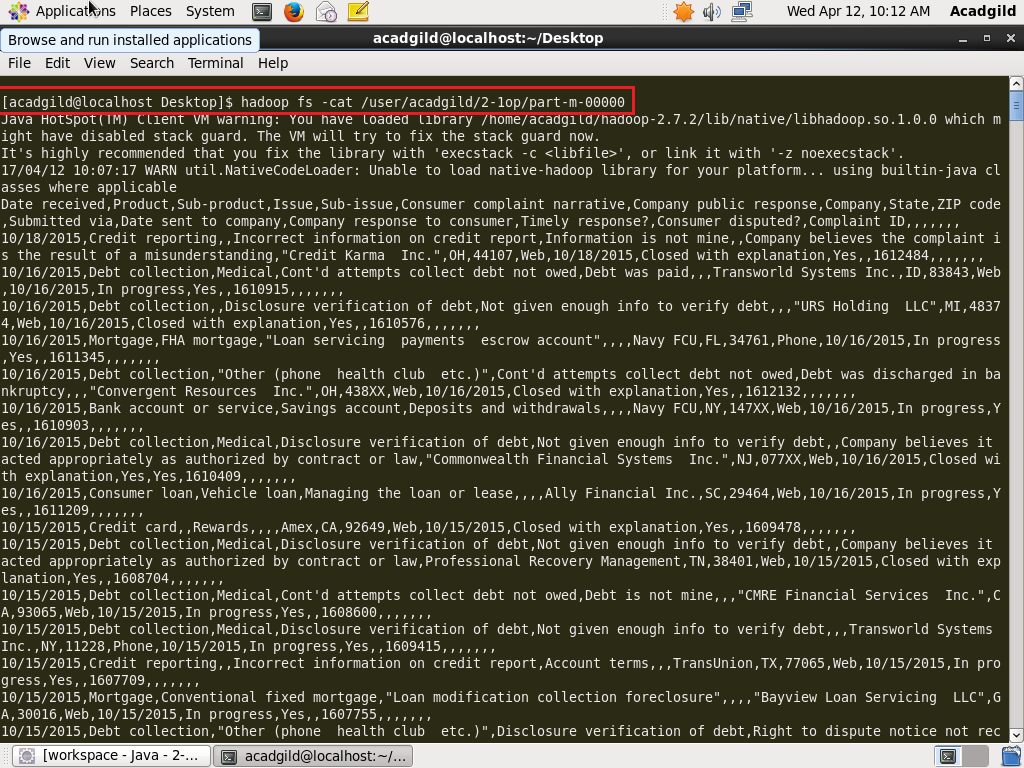
****

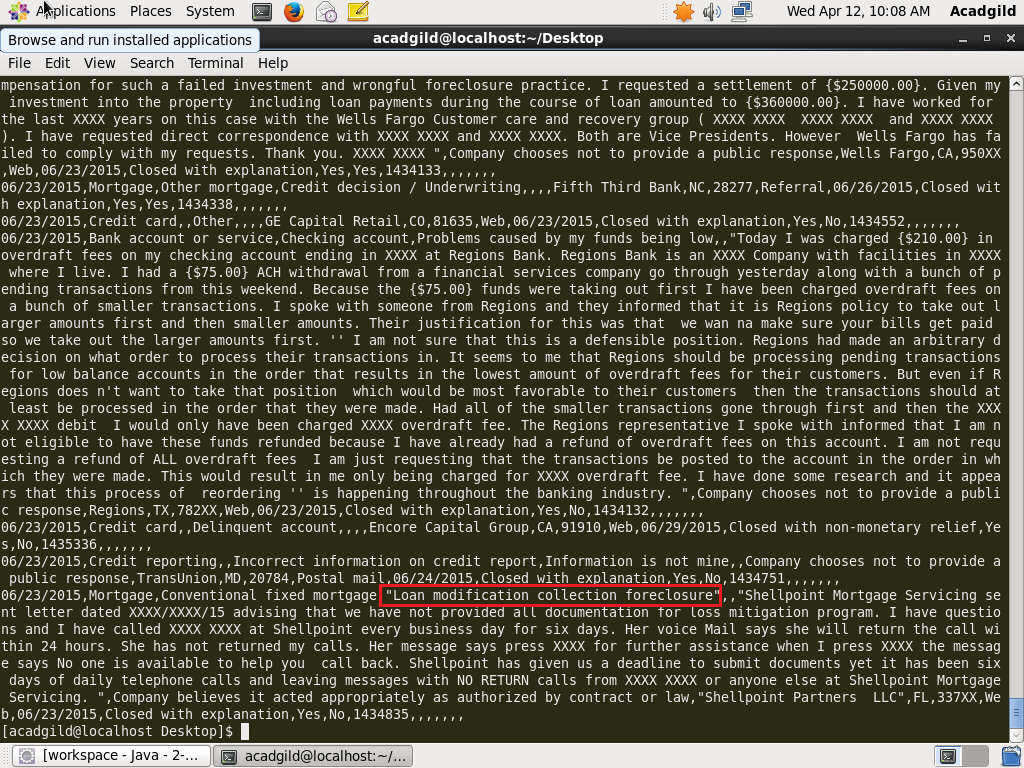
**INPUT FILE: // consumer\_complaints.csv**

****

****

**OUTPUT: // part-m-00000**

****

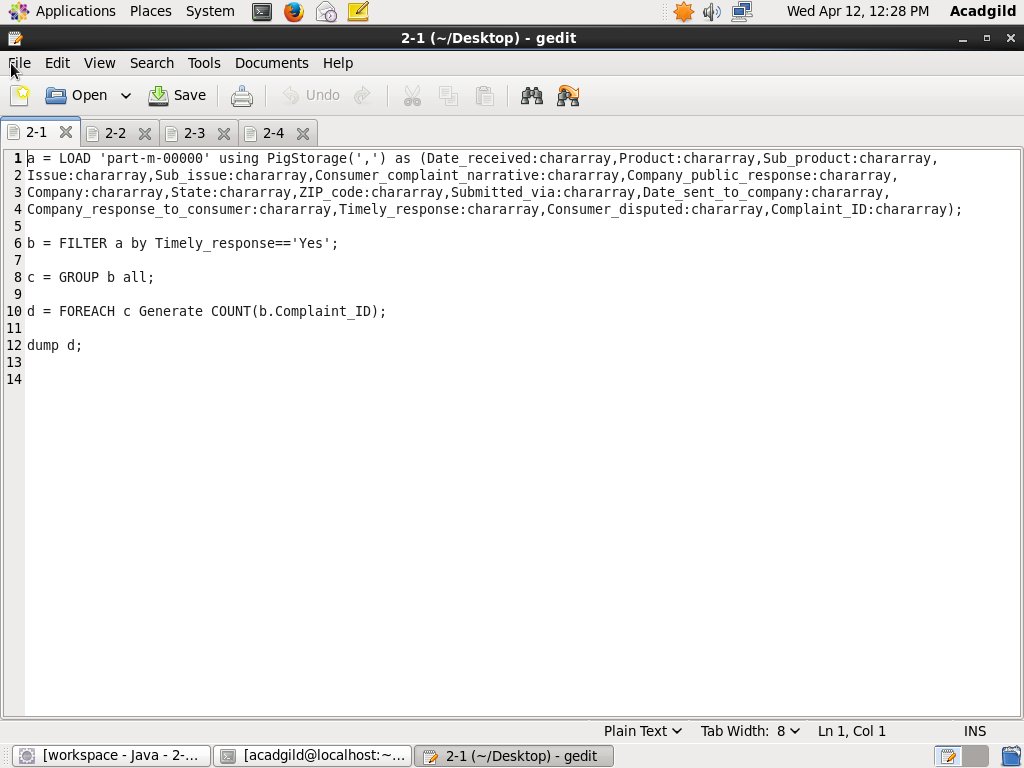
****

**As seen in the screenshots above, the commas within double quotes are eliminated.**

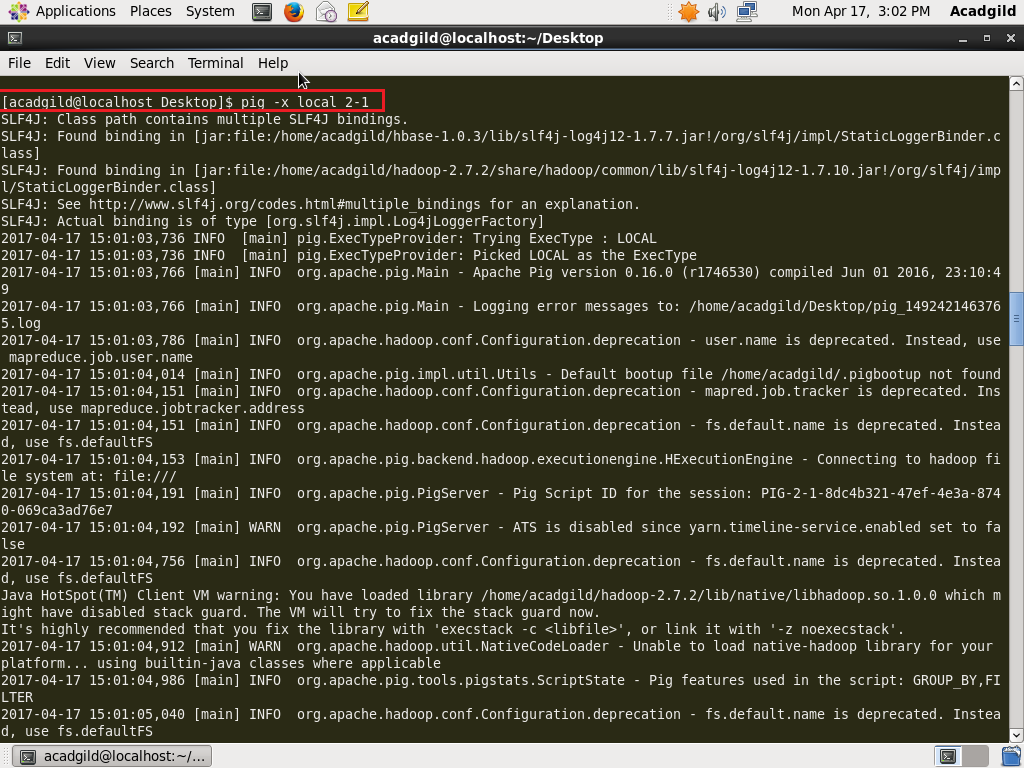
**SECTION-2:**

**Q1- Write a pig script to find no of complaints which got timely response.**

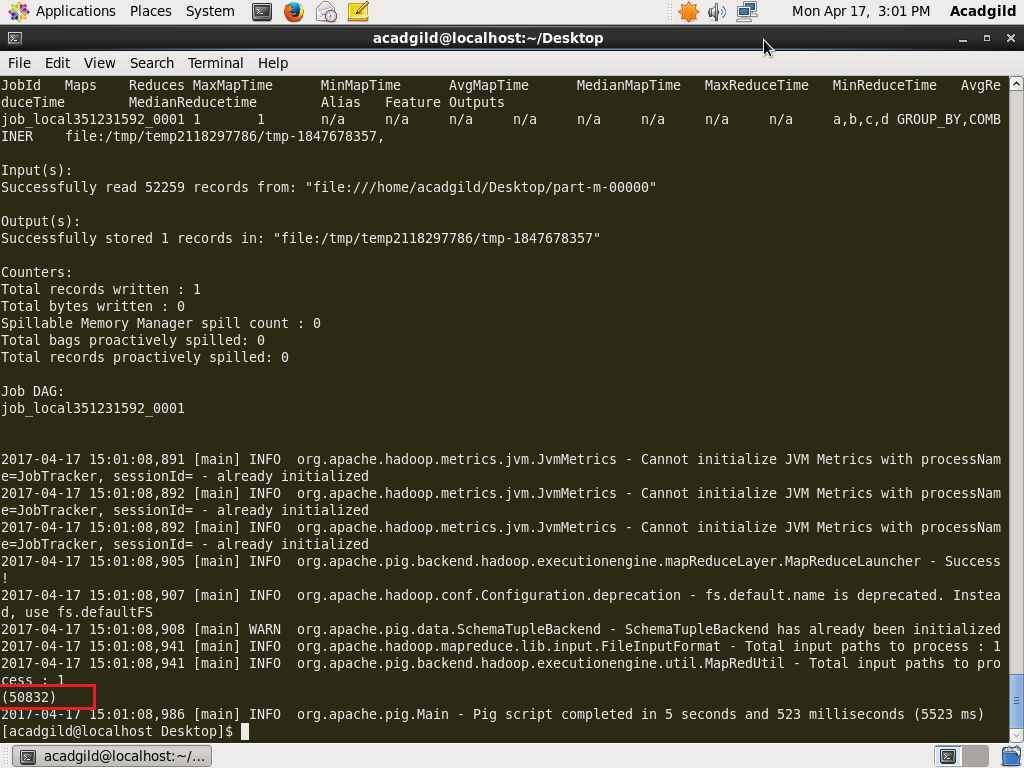
**PROGRAM:**

****

**EXECUTION COMMAND:**

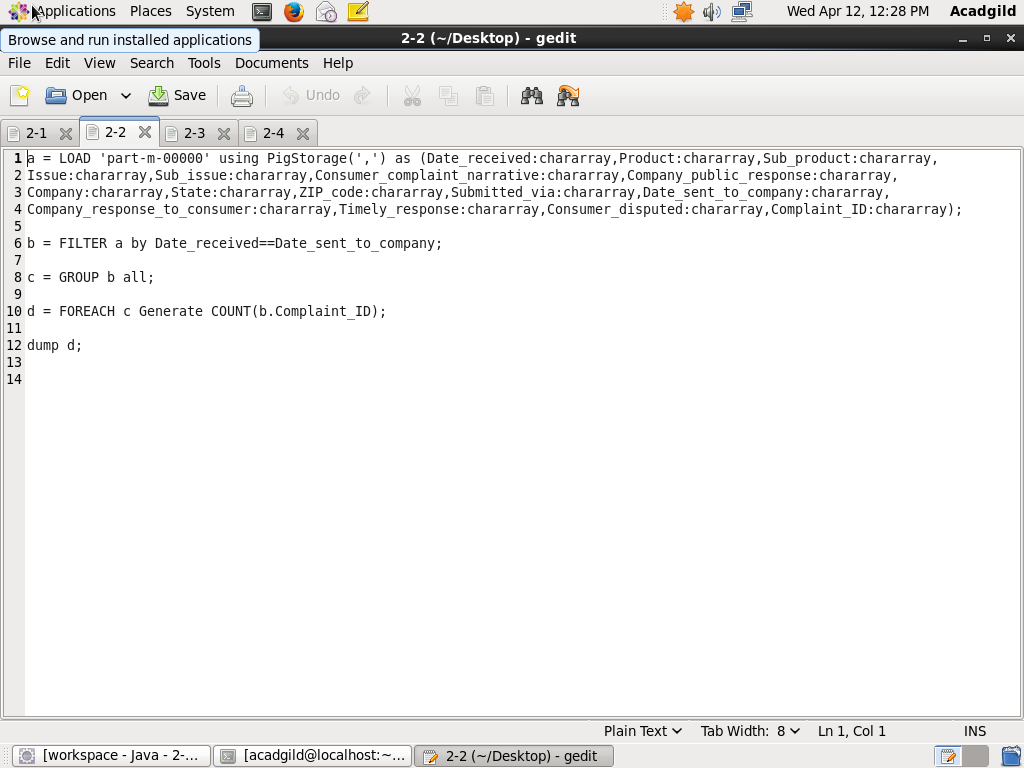
****

**OUTPUT:**

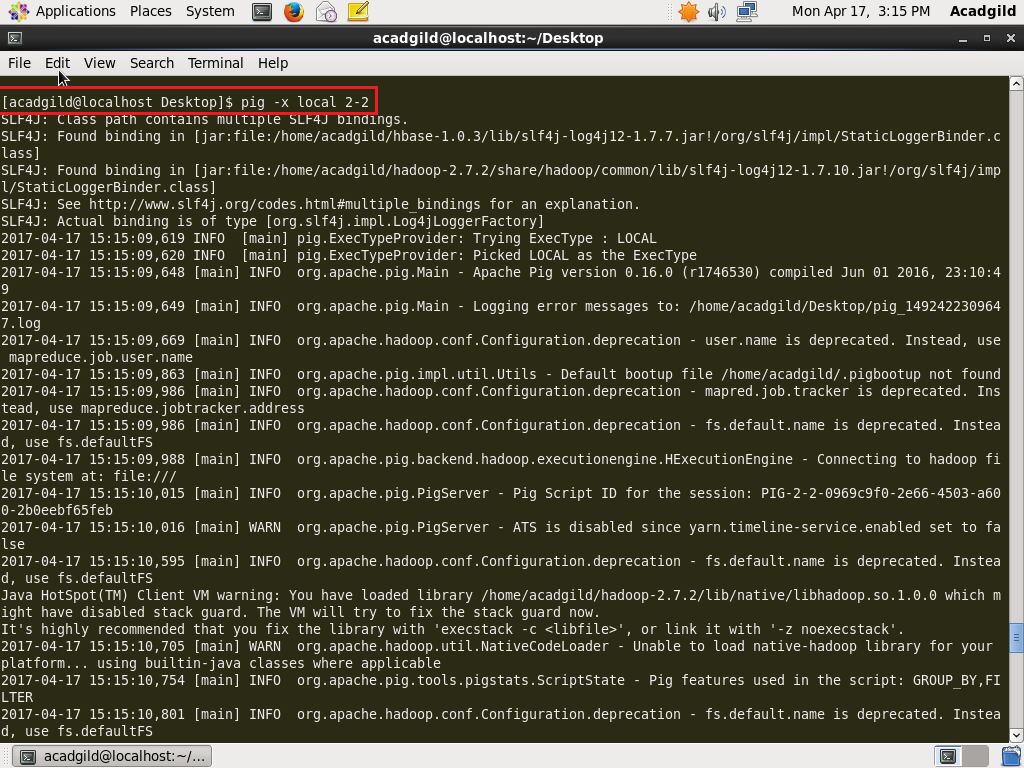
****

**Q2- Write a pig script to find no of complaints where consumer forum forwarded the complaint same day they received to respective company.**

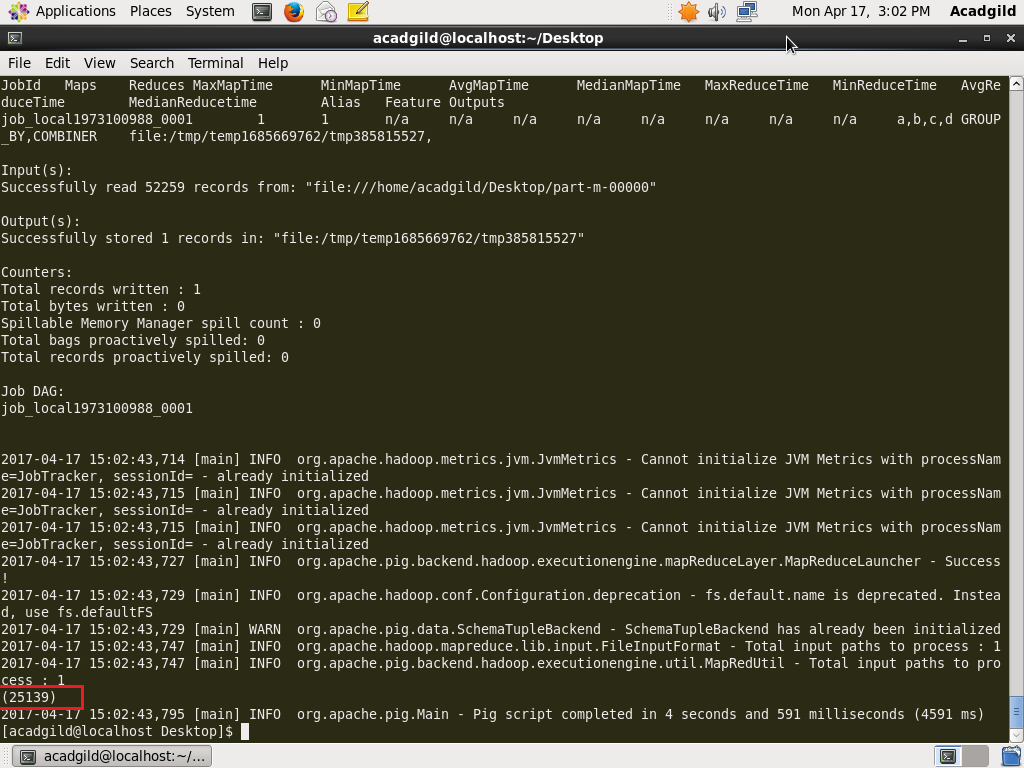
**PROGRAM:**

****

**EXECUTION COMMAND:**

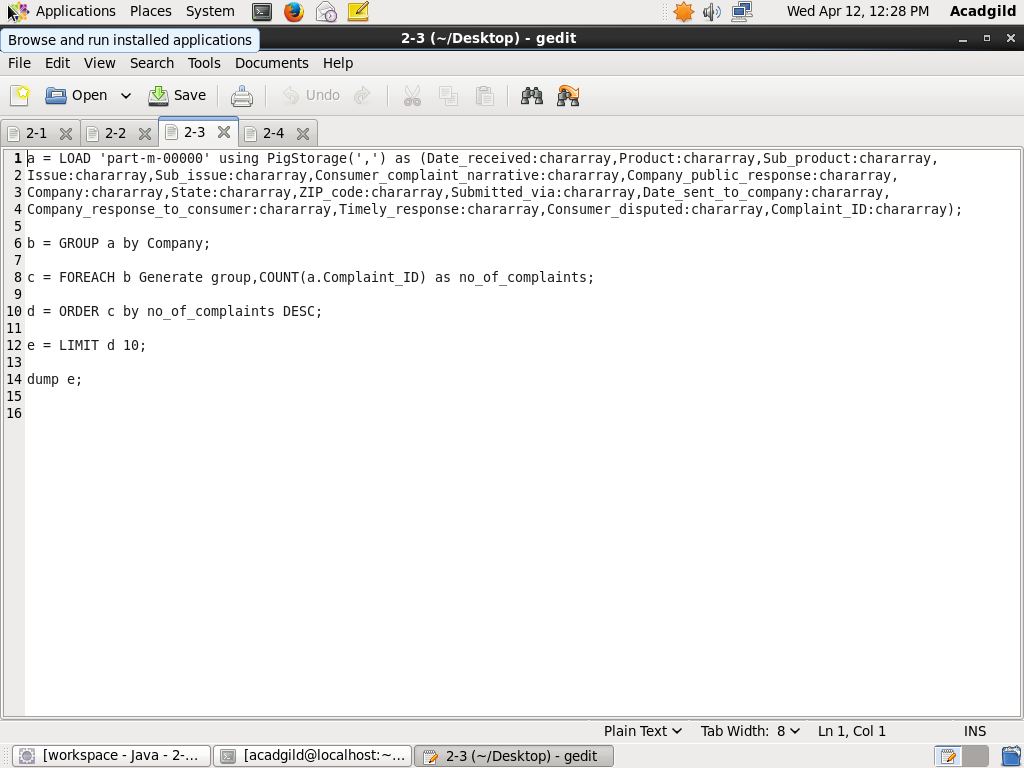
****

**OUTPUT:**

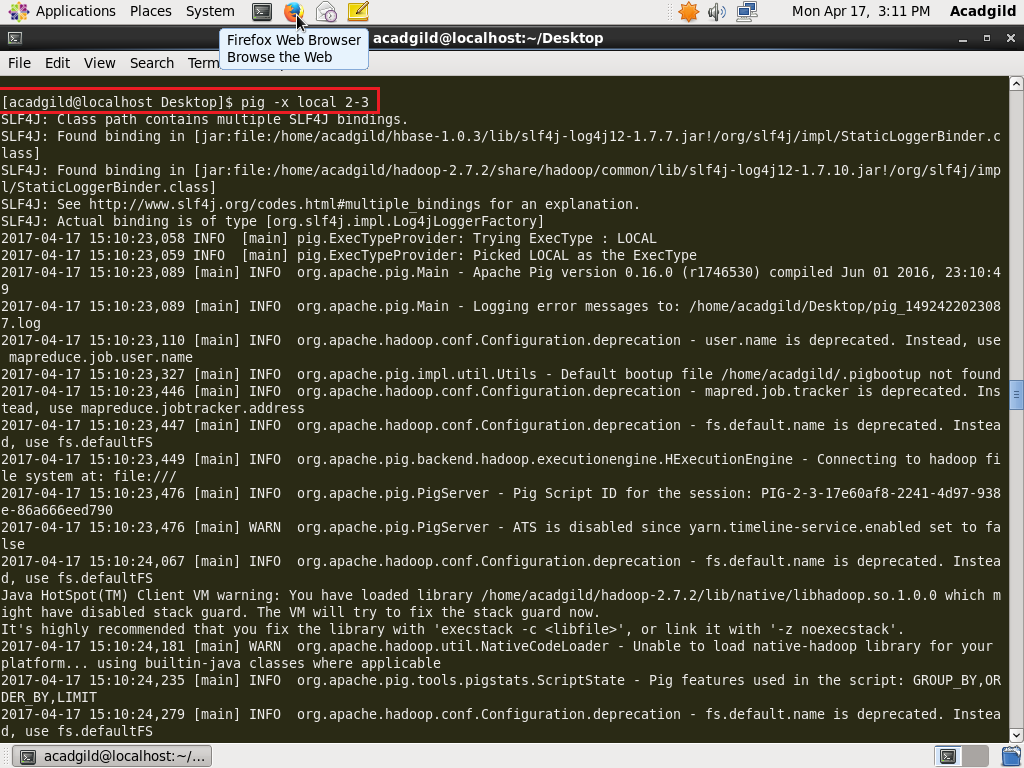
****

**Q3- Write a pig script to find list of companies topping in complaint chart (companies with maximum number of complaints).**

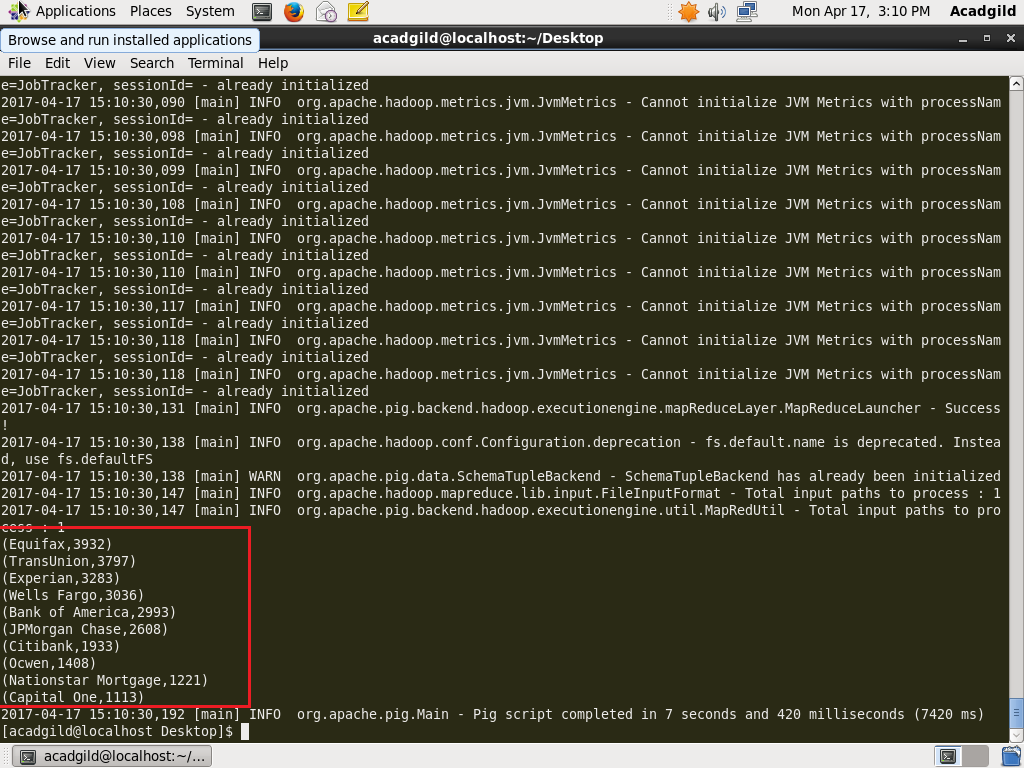
**PROGRAM:**

****

**EXECUTION COMMAND:**

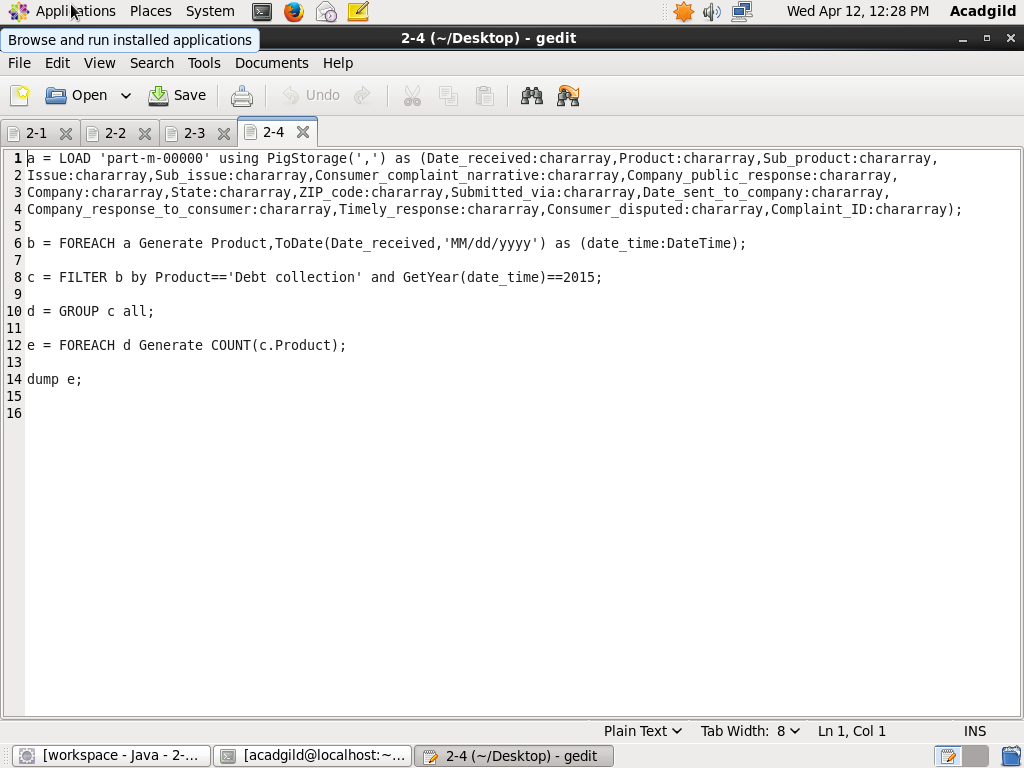
****

**OUTPUT:**

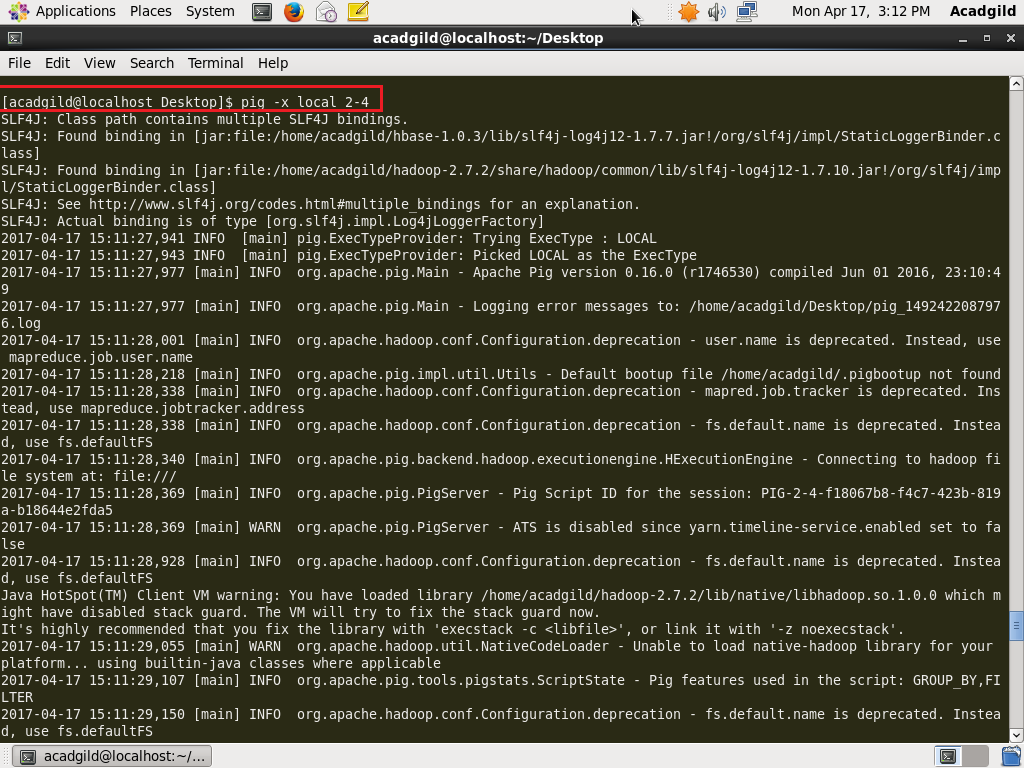
****

**Q4- Write a pig script to find no of complaints filed with product type has "Debt collection" for the year 2015.**

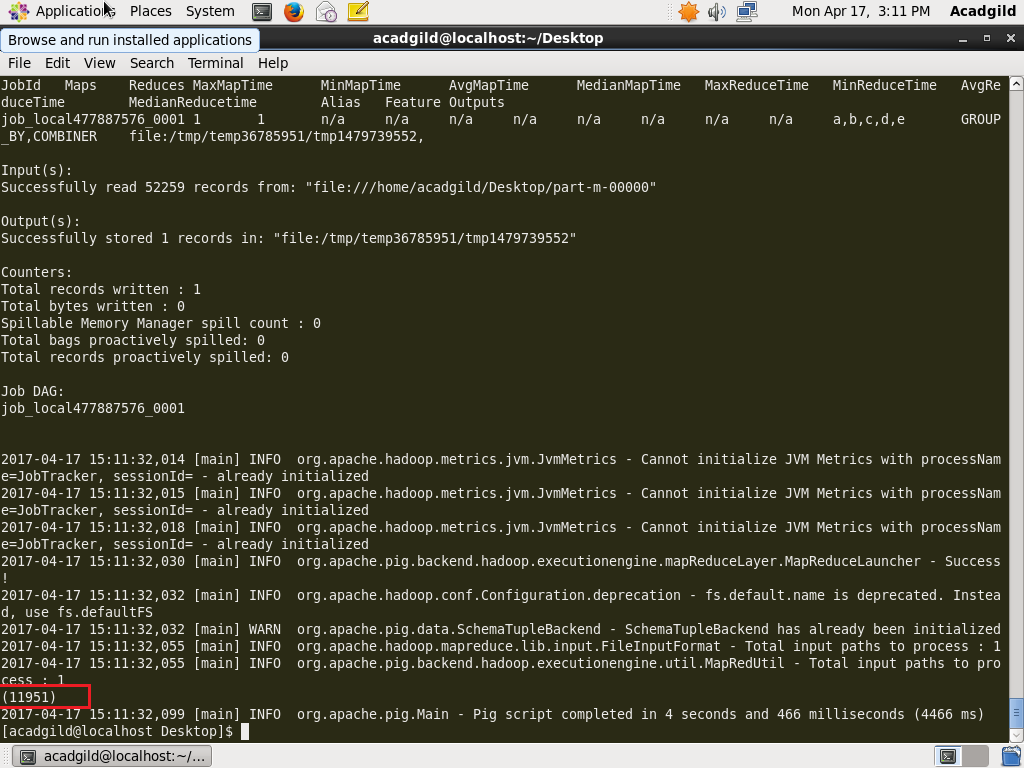
**PROGRAM:**

****

**EXECUTION COMMAND:**

****

**OUTPUT:**

****