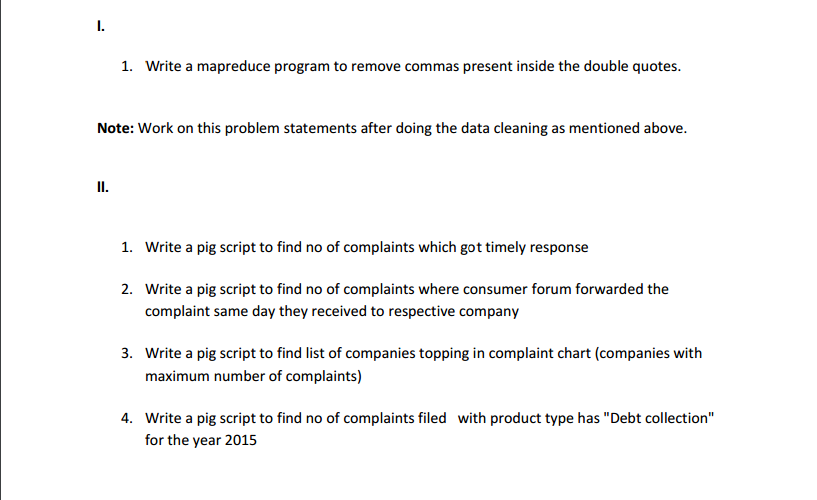
**Problem Statement:**



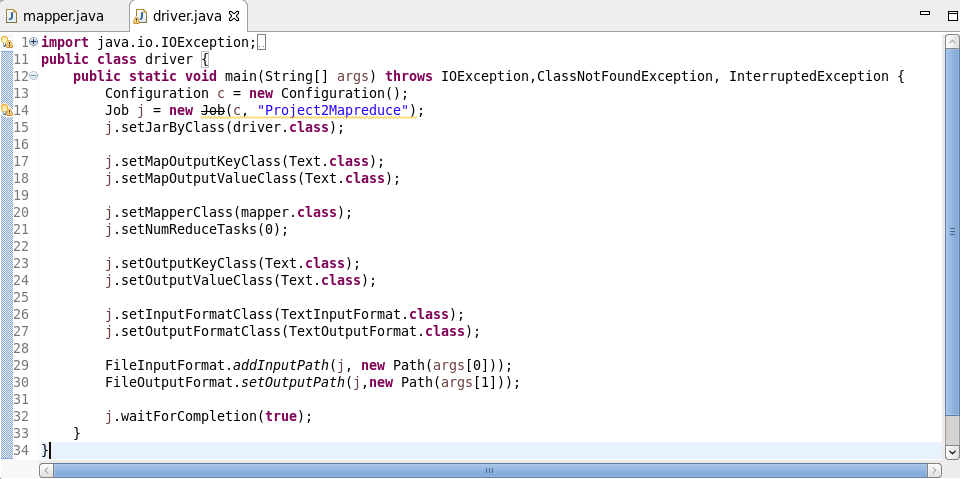
**Section-1:**

1 .Write a mapreduce program to remove commas present inside the double quotes.

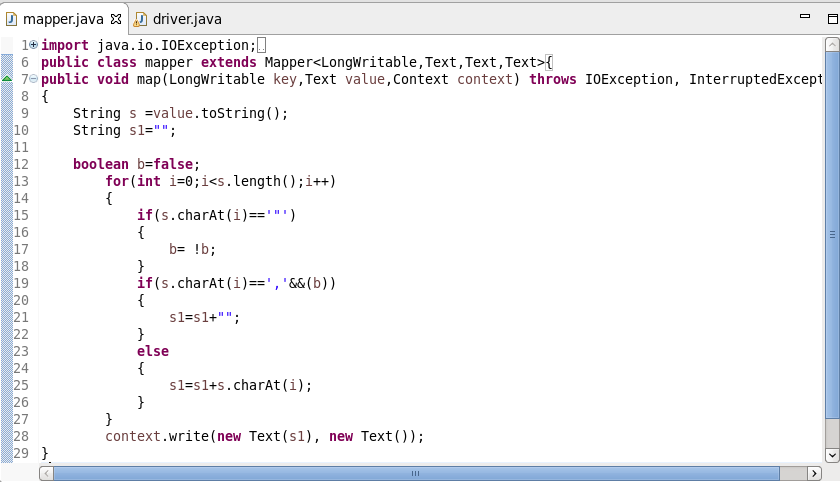
**Solution:-**

**Program:**

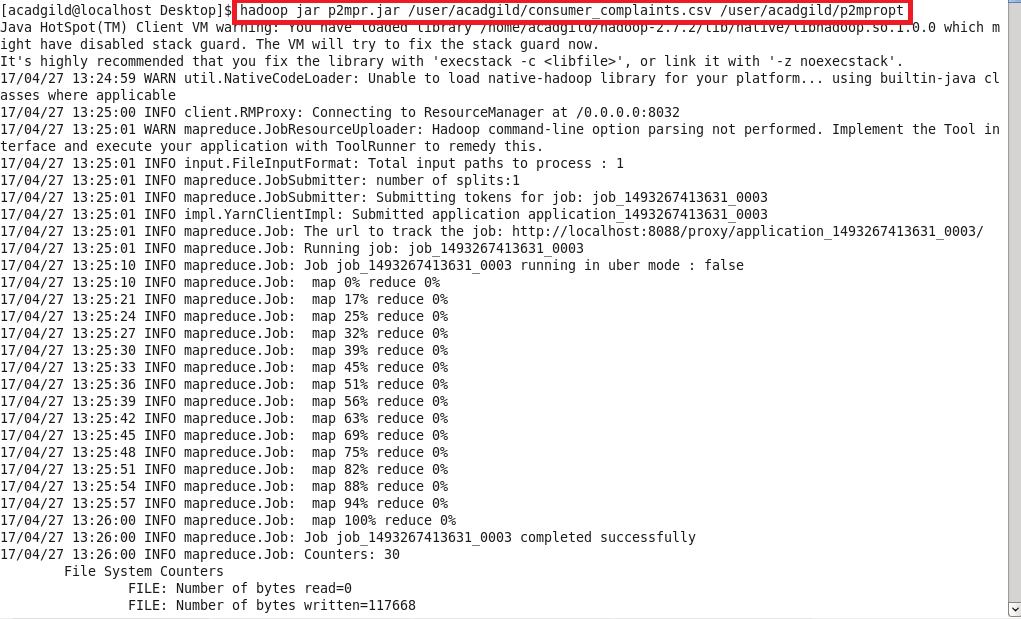
**Driver Class:**



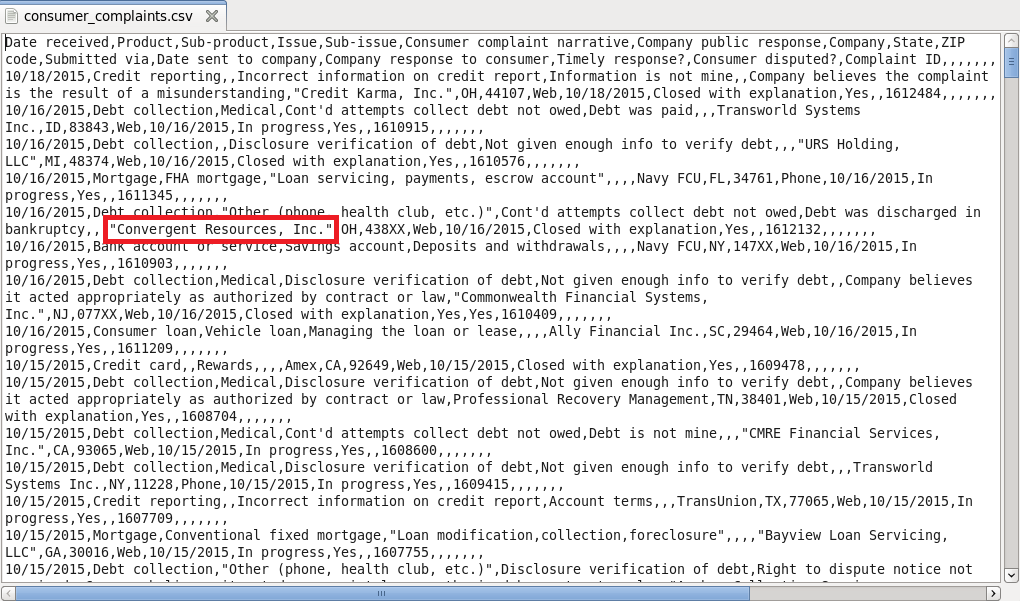
**Mapper Class:**



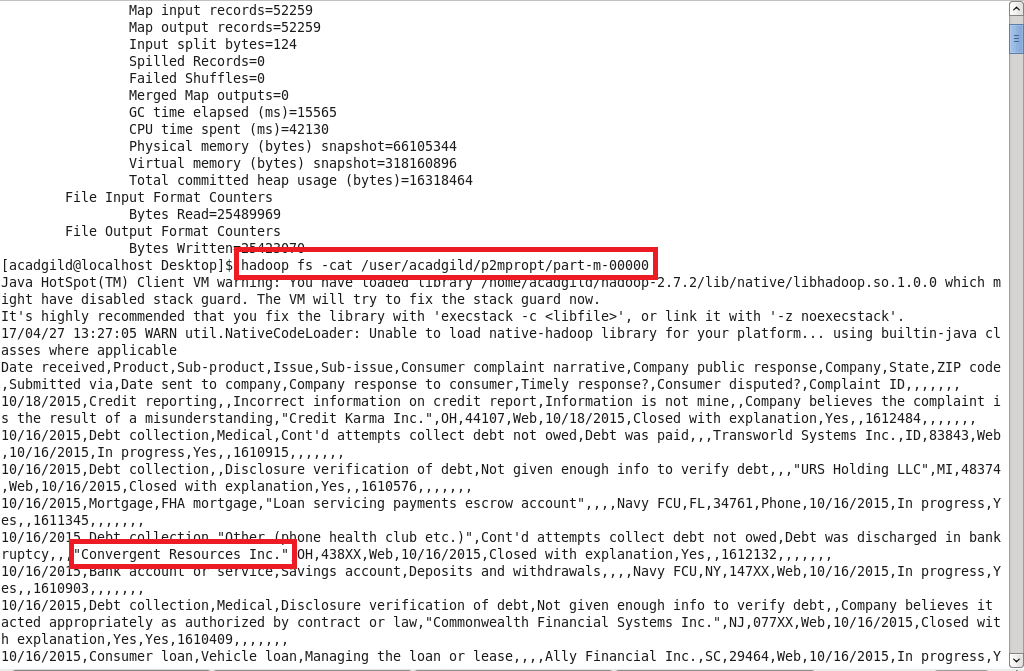
**Execution Command:**



**Consumer\_complaints.csv input file:**



**Output:**

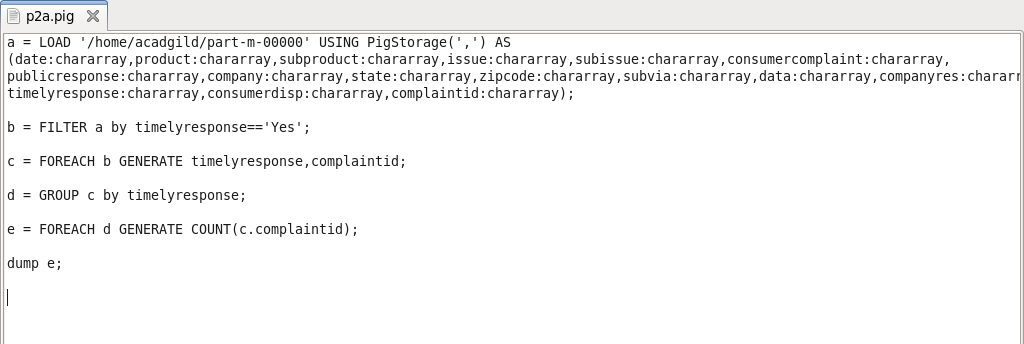


The commas within the double quotes are eliminated as shown in the output screenshot.

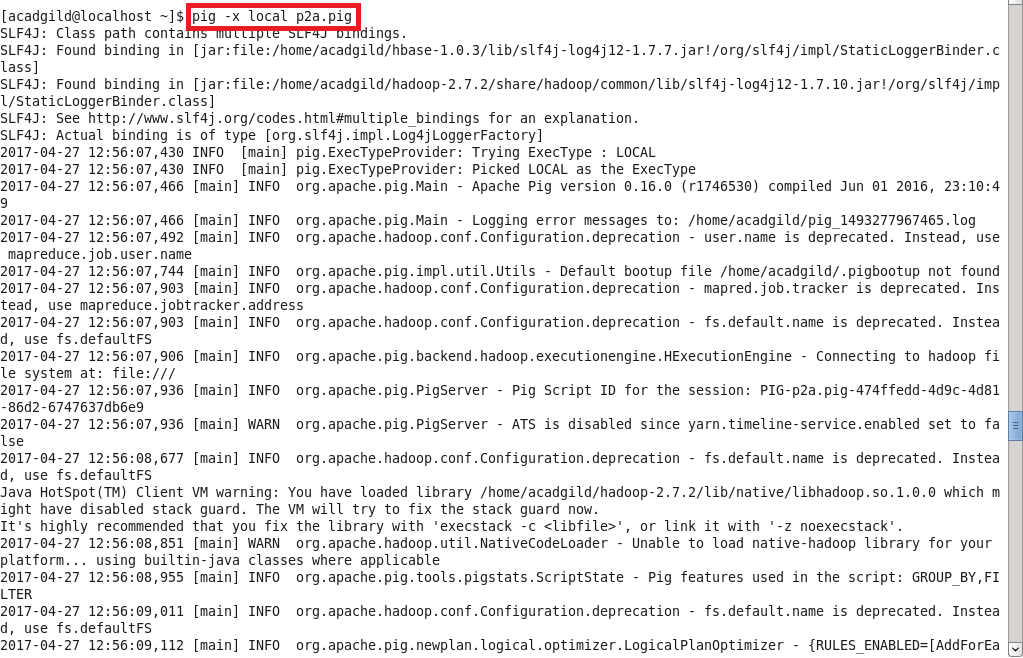
**Section-2:**

1. Write a pig script to find no of complaints which got timely response

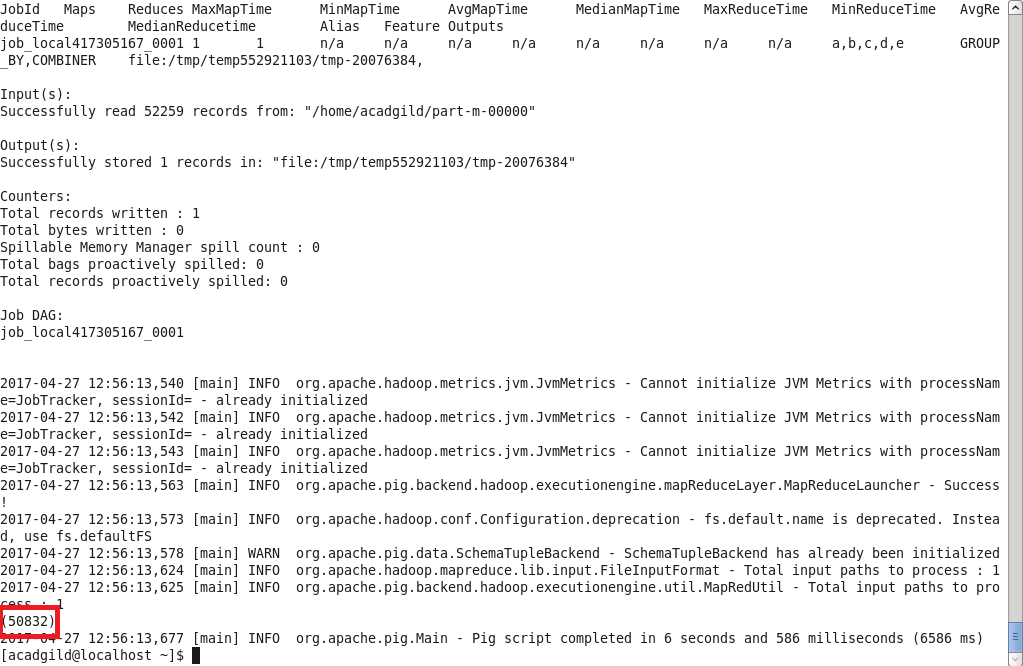
**Program:**



**Execution Command:**

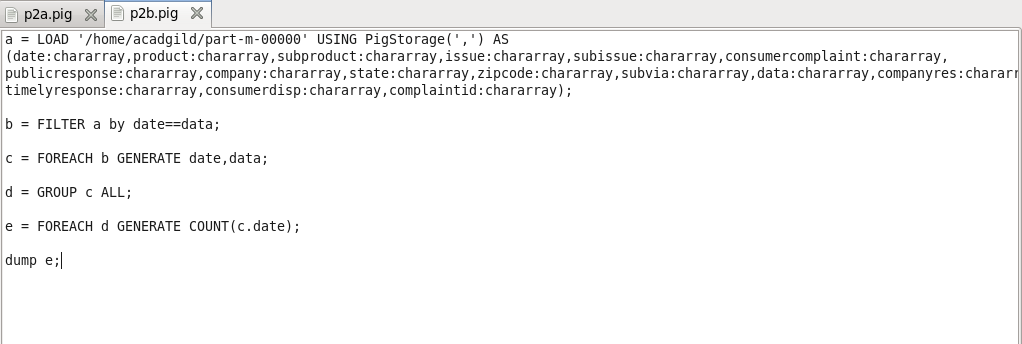


**Output:**



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

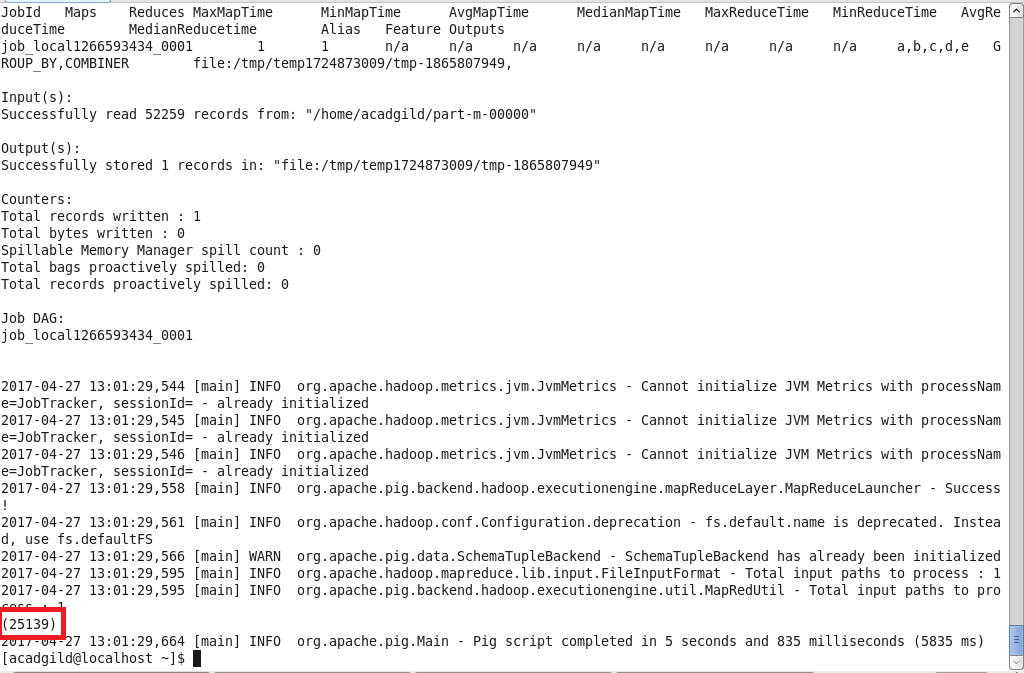
**Program:**



**Execution Command:**

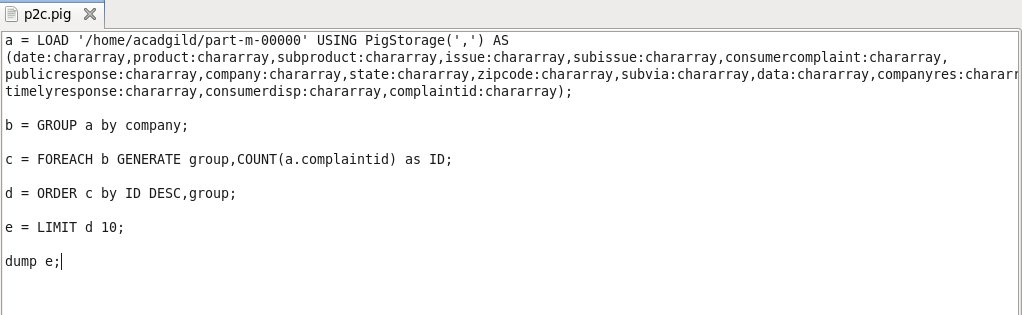


**Output:**

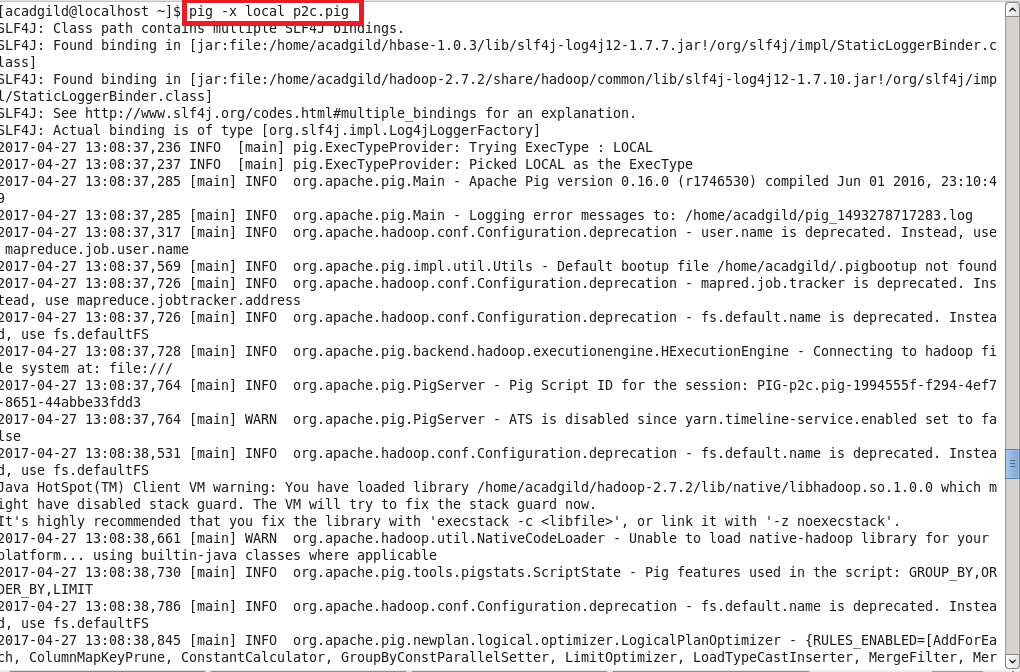


1. Write a pig script to find list of companies topping in complaint chart (companies with maximum number of complaints)

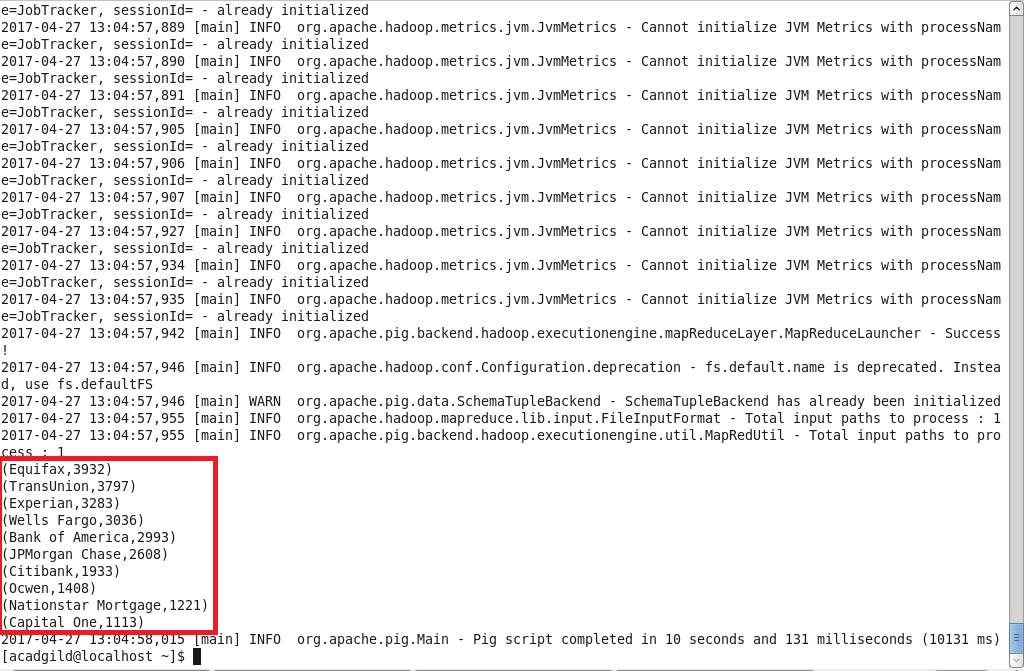
**Program:**



**Execution Command:**

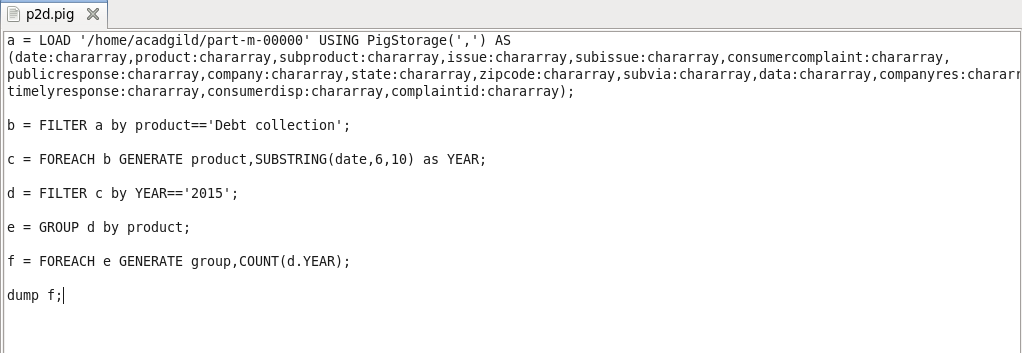


**Output:**

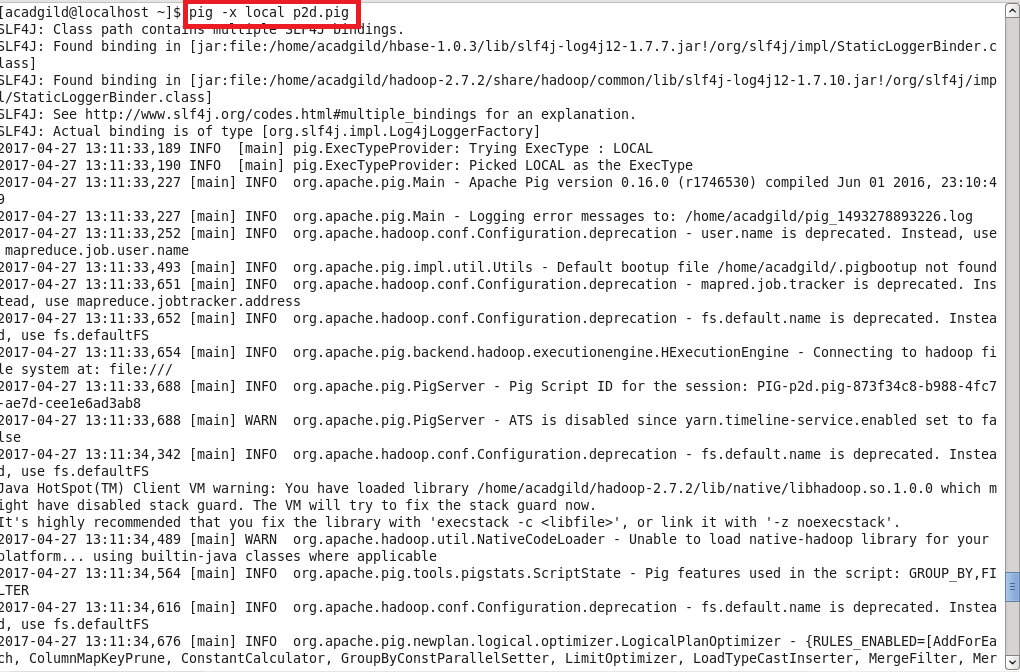


1. Write a pig script to find no of complaints filed with product type has "Debt collection" for the year 2015

**Program:**



**Execution Command:**



**Output:**

