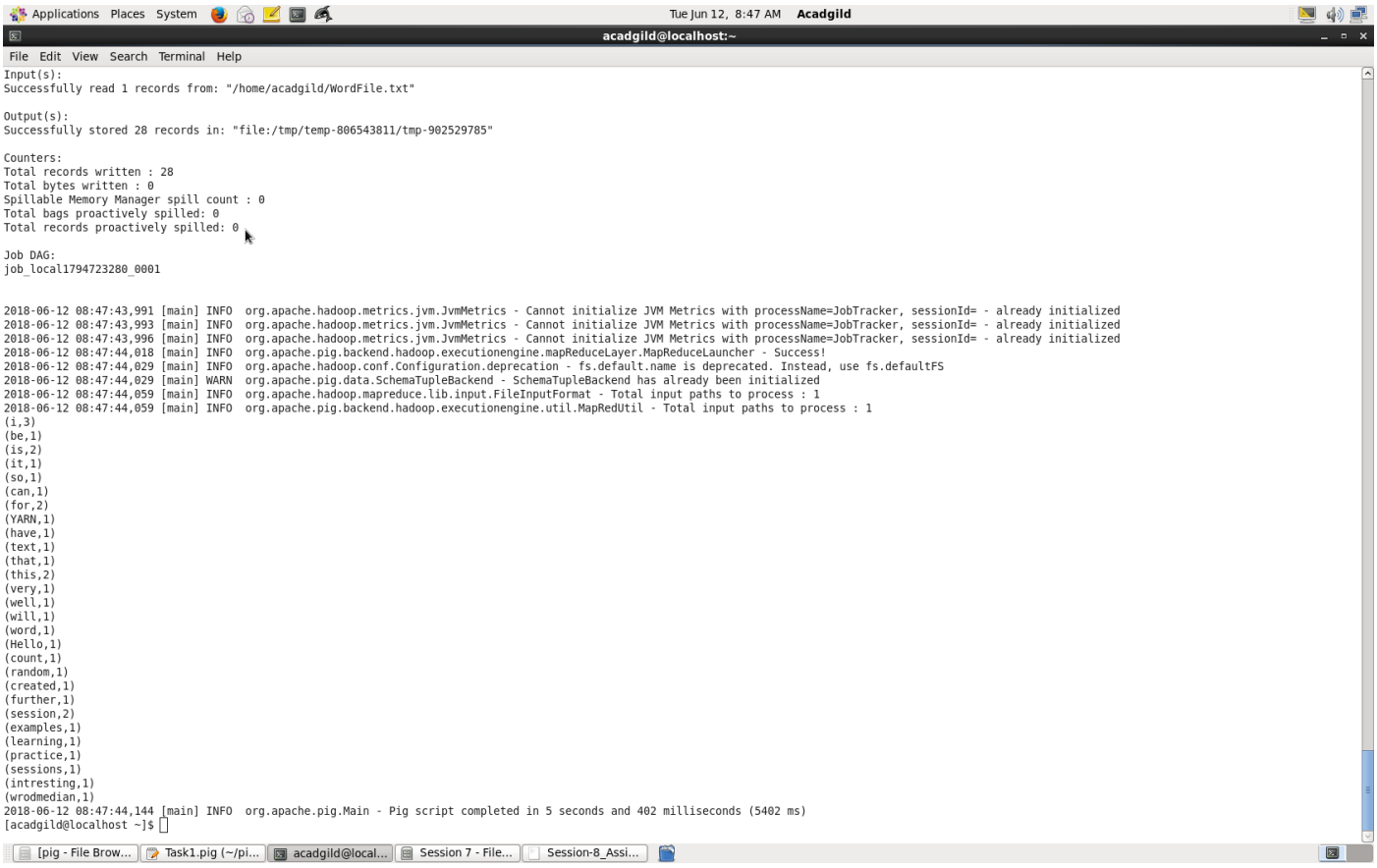
Task 1

Write a program to implement wordcount using Pig.

I have created WordFile in /home/acadgildWordFile.txt then executed

Executed pig script as **pig –x local /home/acadgild/Task1.pig**

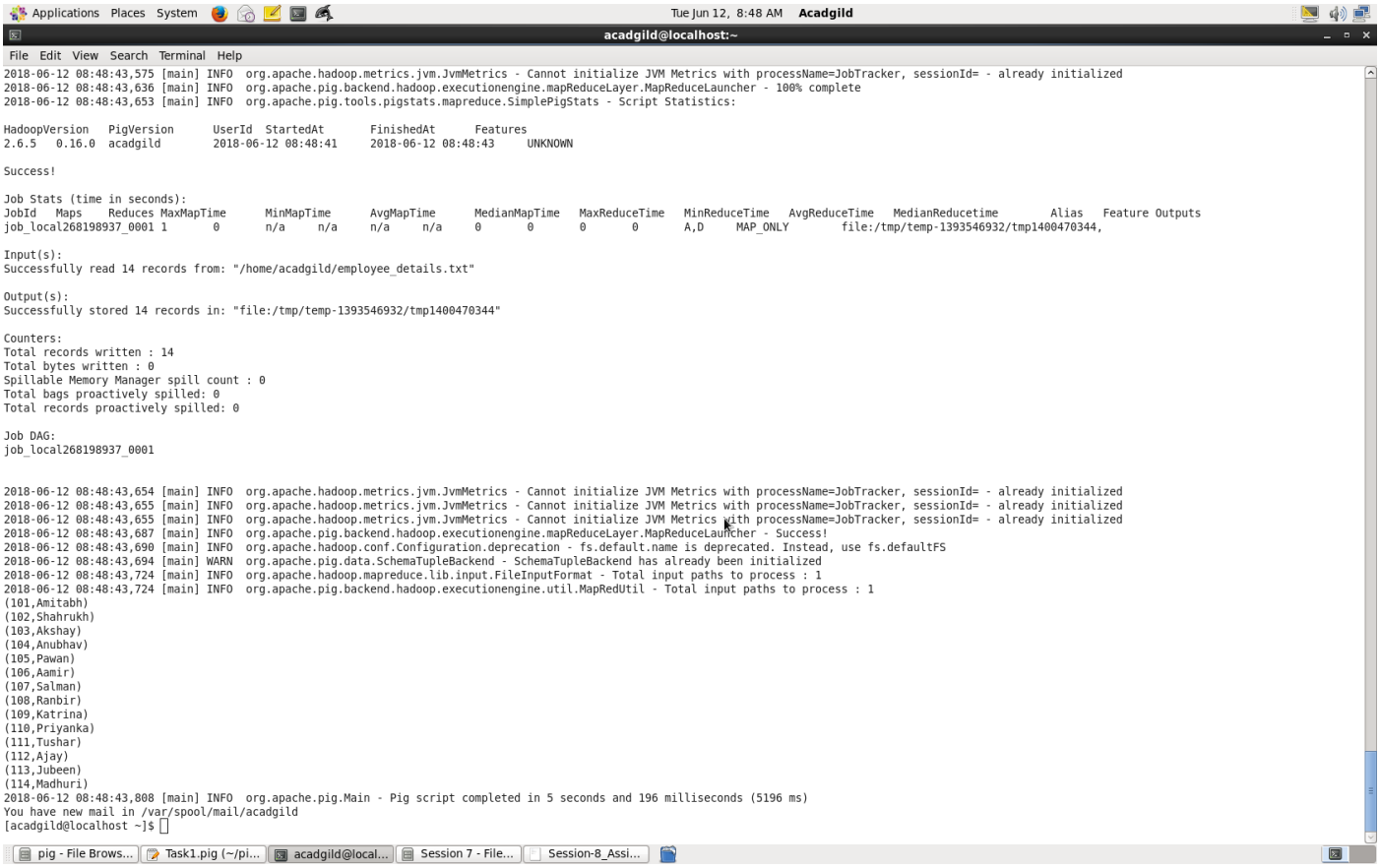


Task 2

(a) Top 5 employees (employee id and employee name) with highest rating. (In case two employees have same rating, employee with name coming first in dictionary should get preference)

Executed pig script as **pig –x local /home/acadgild/Task2_a.pig**

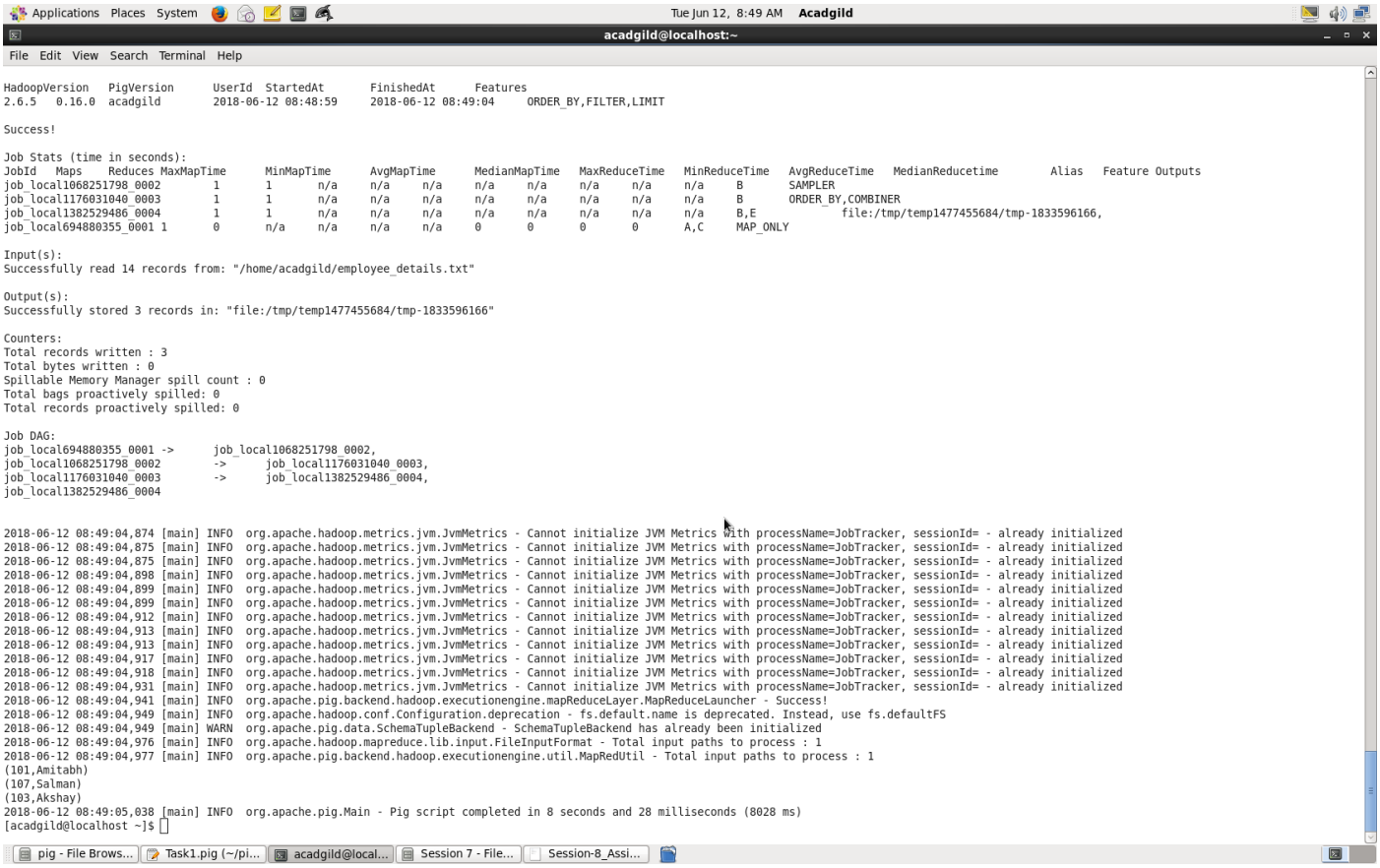
Script is also attached in Github



(b) Top 3 employees (employee id and employee name) with highest salary, whose employee id is an odd number. (In case two employees have same salary, employee with name coming first in dictionary should get preference)

Executed pig script as **pig –x local /home/acadgild/Task2_b.pig**

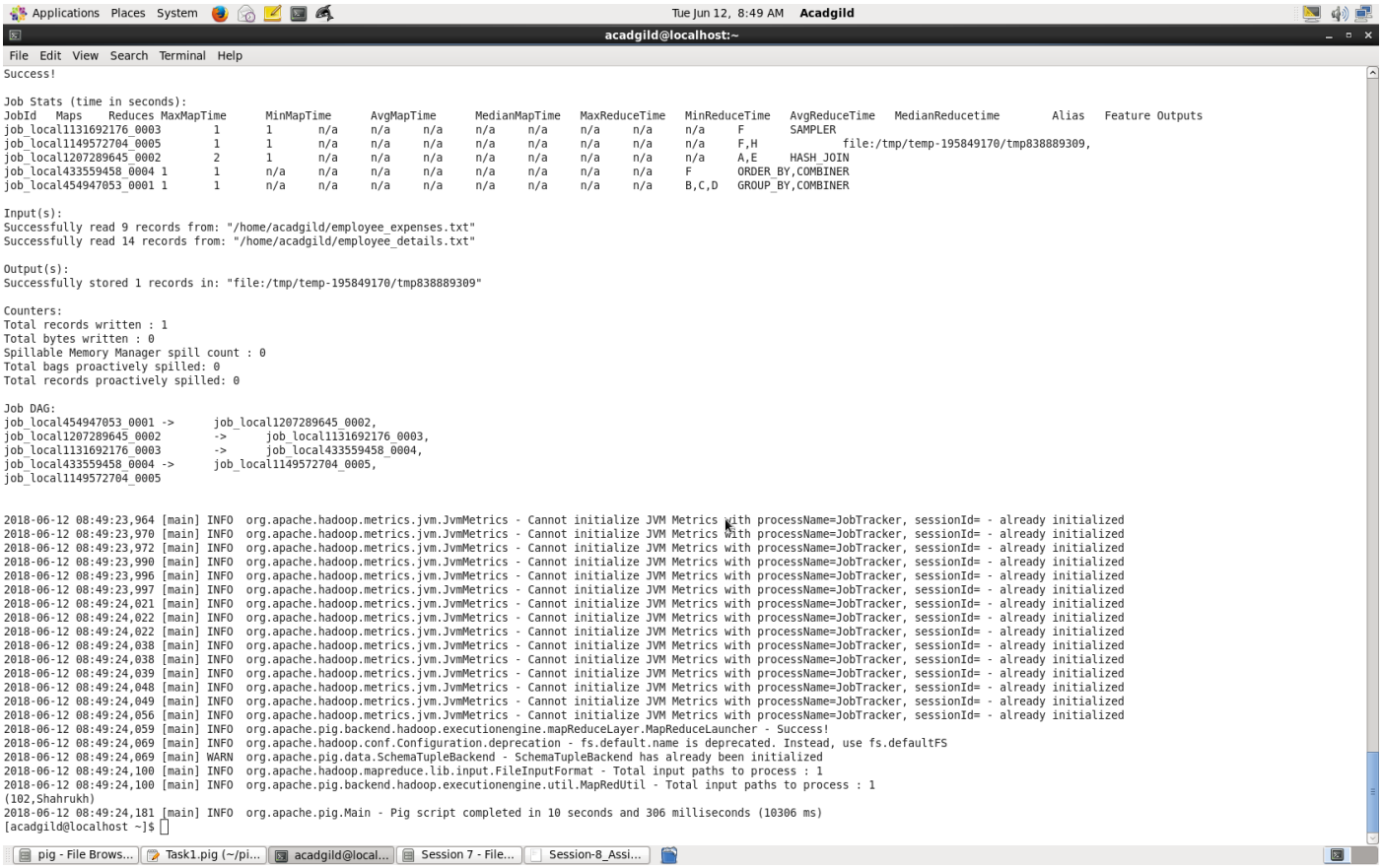
Script is also attached in Github



(c) Employee (employee id and employee name) with maximum expense (In case two employees have same expense, employee with name coming first in dictionary should get preference)

Executed pig script as **pig –x local /home/acadgild/Task2_c.pig**

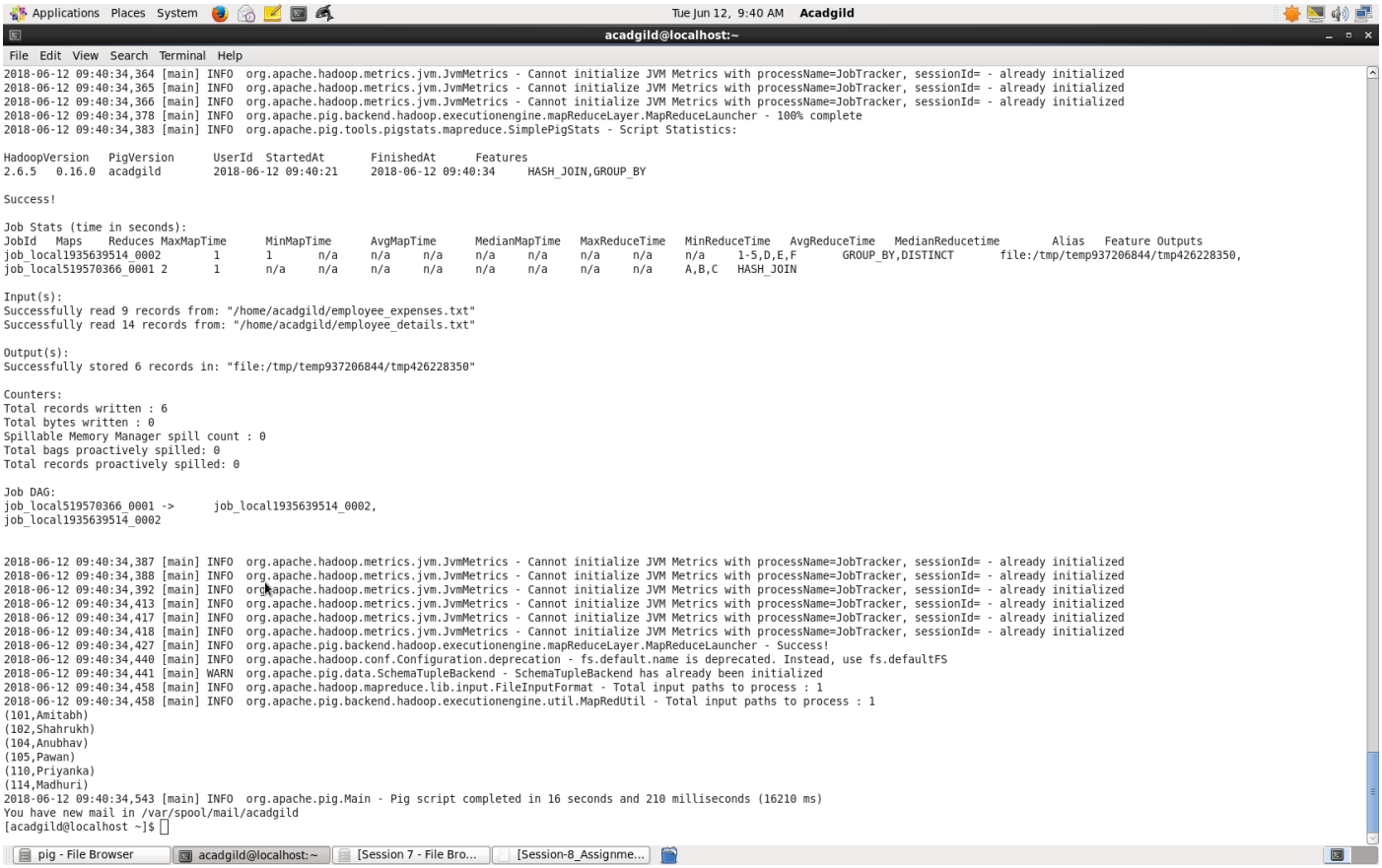
Script is also attached in Github



(d) List of employees (employee id and employee name) having entries in employee_expenses file.

Executed pig script as **pig –x local /home/acadgild/Task2_d.pig**

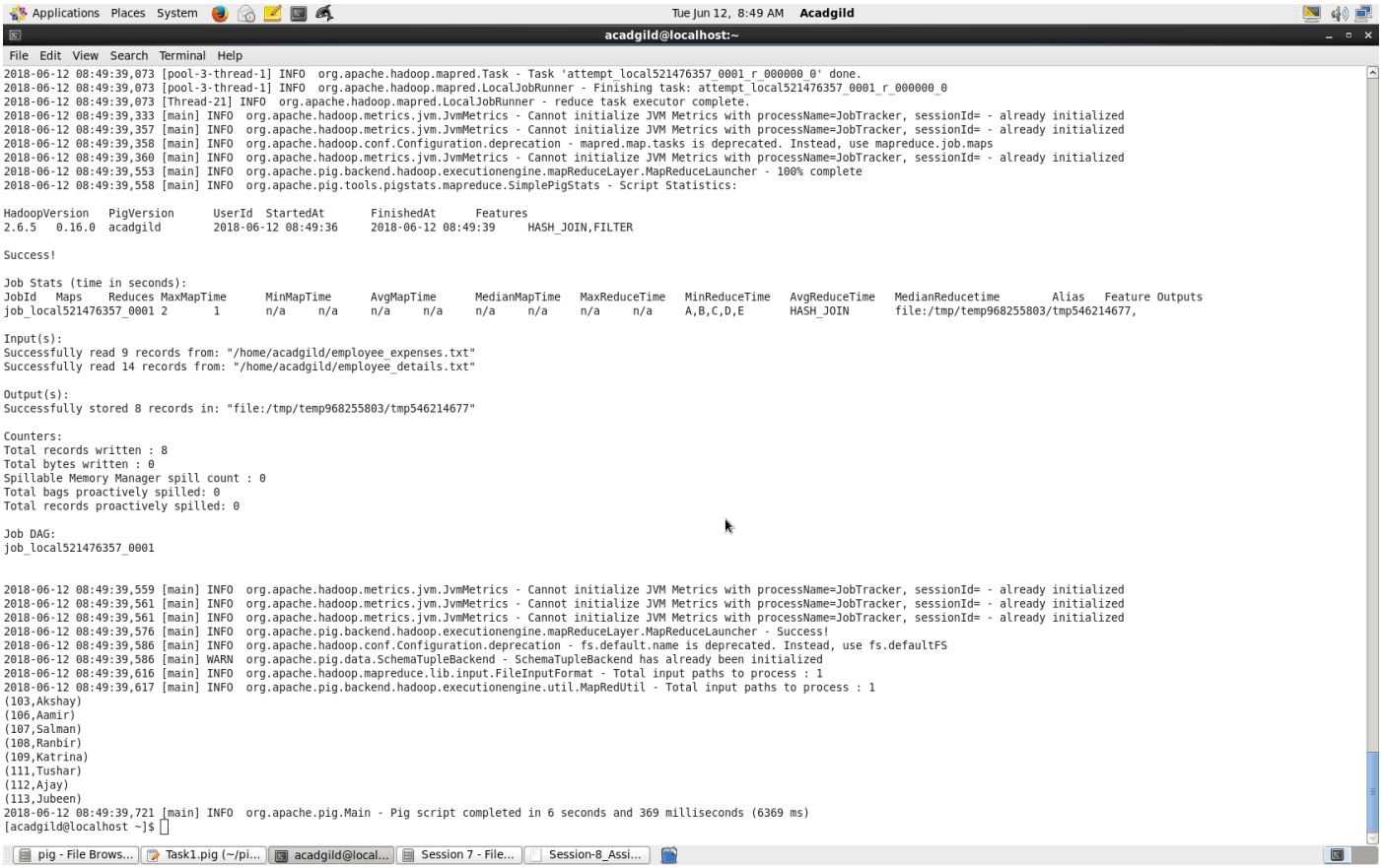
Script is also attached in Github



(e) List of employees (employee id and employee name) having no entry in employee_expenses file.

Executed pig script as **pig –x local /home/acadgild/Task2_e.pig**

Script is also attached in Github



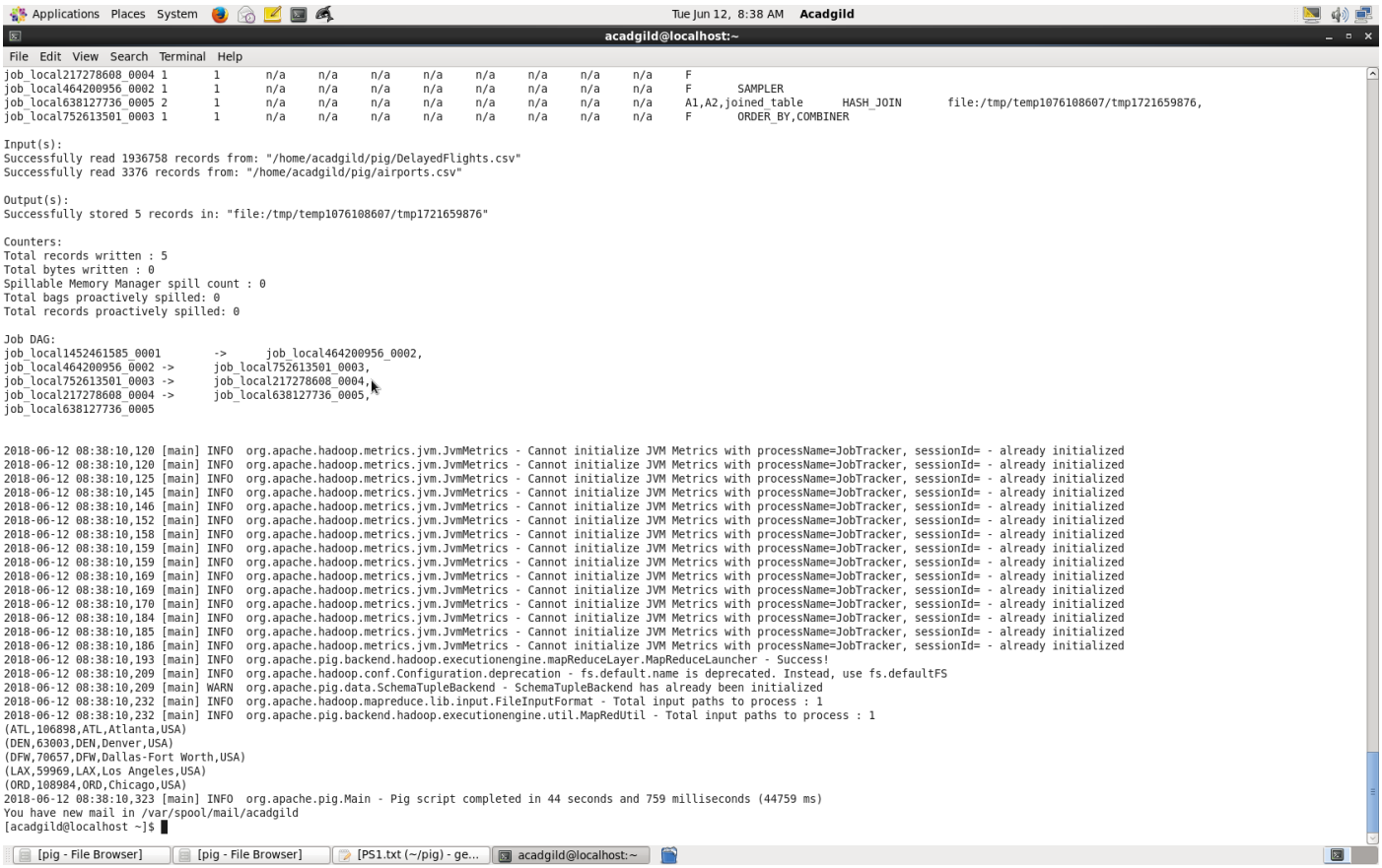
Task 3

Implement the use case present in below blog link and share the complete steps along with screenshot(s) from your end.
https://acadgild.com/blog/aviation-data-analysis-using-apache-pig/

Executed pig script as **pig –x local /home/acadgild/PS1.pig**

Script is also attached in Github

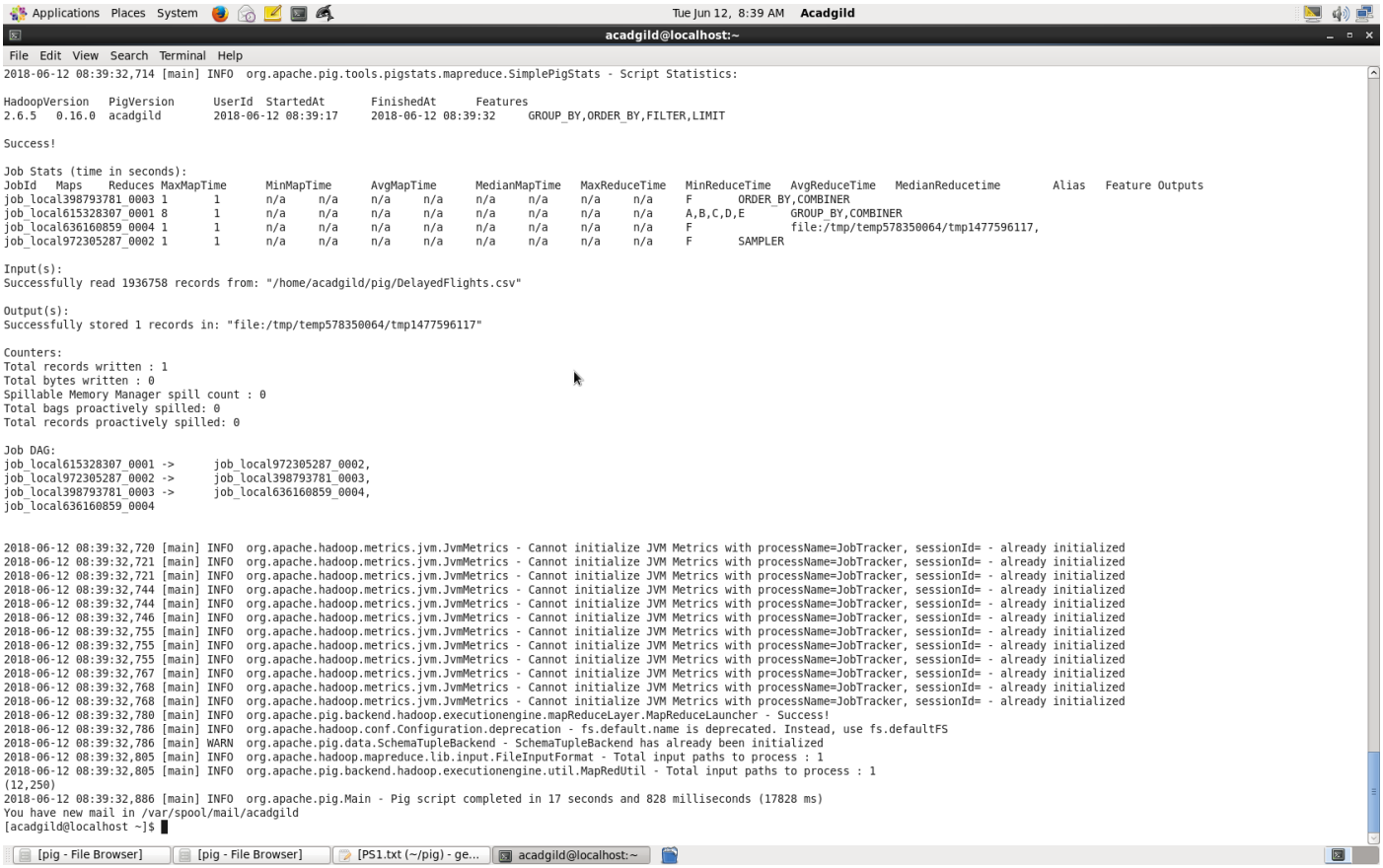
Problem Statement 1:



Problem Statement 2:

Executed pig script as **pig –x local /home/acadgild/PS2.pig**

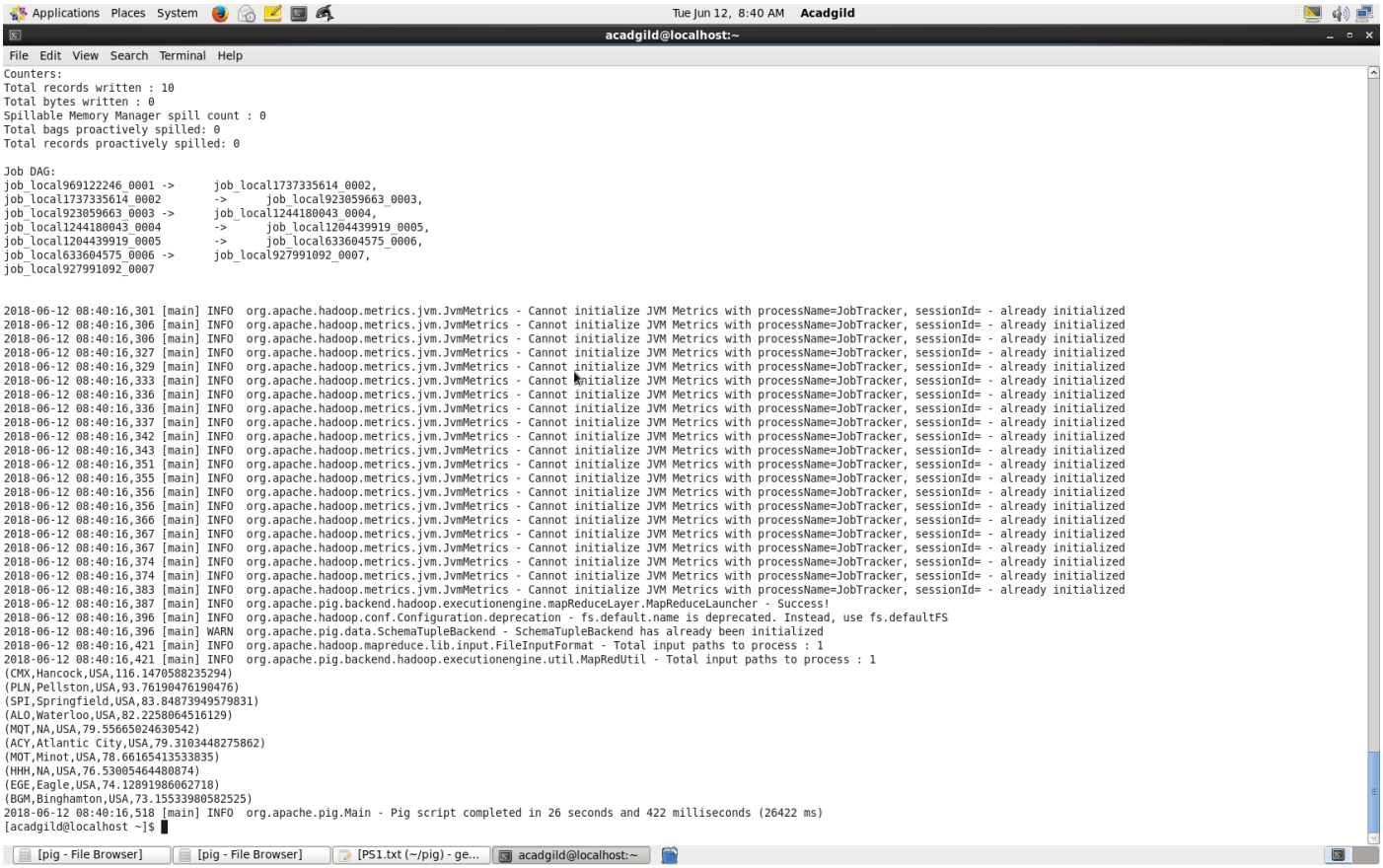
Script is also attached in Github



Problem Statement 3:

Executed pig script as **pig –x local /home/acadgild/PS3.pig**

Script is also attached in Github



Problem Statement 4:

Executed pig script as **pig –x local /home/acadgild/PS4.pig**

Script is also attached in Github