**Assignment 5.1**

1. Top 5 employee with highest rating:

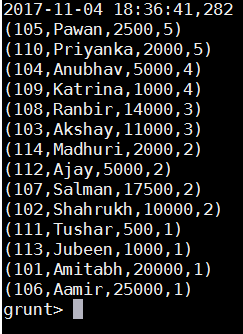
Commands:

1. Loaded the employee\_details table into emp\_det.

emp\_det = LOAD '/user/acadgild/try/employee\_details.txt' USING PigStorage(',') AS (emp\_id:int, emp\_name:chararray, emp\_salary:int, emp\_rating:int);

1. Listed the employee’s in descending order of rating

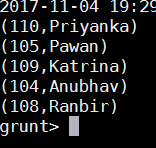
top\_emp\_rating = ORDER emp\_det BY emp\_rating desc;



1. Generated the top 5 employee’s name and ID as per the rating

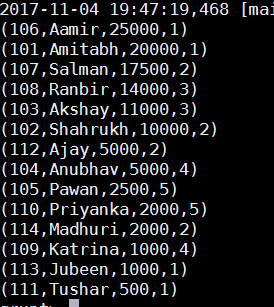
output\_rating = foreach top\_emp\_rating Generate emp\_id, emp\_name;

limit\_emp\_rating = limit output\_rating 5;

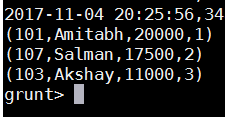


1. Top 3 employee’s with highest salary.
2. Loaded the table in Descending order of the salary

top\_emp\_sal = ORDER emp\_det BY emp\_salary desc;



1. Top 3 employee’s with highest salary in descending order



1. Employee’s with maximum expense:
   * 1. Joined the Employee Details and the Employee Expenses table

joined\_data = join emp\_det by emp\_id , emp\_exp by emp\_id;

* + 1. Loaded the data in descending order of maximum expenses

top\_emp\_expense = ORDER joined\_data BY emp\_expenses desc;



1. Employee’s name in Employee expense table:

id\_name = foreach top\_emp\_expense Generate emp\_exp::emp\_id, emp\_det::emp\_name;



1. Missing record from Employee details table and Employee expenses table
   * + - 1. Grouped the data from both the table

cogroup\_data = COGROUP emp\_det by emp\_id, emp\_exp by emp\_id;

* + - * 1. Data of the missing record from both the table

isempty\_data = filter cogroup\_data by IsEmpty(emp\_det);

