1. 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)

*emp\_d = LOAD 'employee\_details.txt' using PigStorage(',') as (emp\_id:int, ename:chararray, sal:int, rating:int);*

*sorted = order emp\_d by rating desc, ename;*

*top = limit sorted 5;*

*dump top;*

**

1. 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)

*emp\_d = LOAD 'employee\_details.txt' using PigStorage(',') as (emp\_id:int, ename:chararray, sal:int, rating:int);*

*odd\_emp = FOREACH emp\_d GENERATE emp\_id,ename,sal,emp\_id%2 as result;*

*emp\_flt = filter odd\_emp by result == 1;*

*sorted = order emp\_flt by sal desc, name;*

*emp\_rank = FOREACH sorted GENERATE emp\_id,ename,sal;*

*top3 = limit emp\_rank 3;*

*dump top3;*



1. 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)

*emp\_d = LOAD 'employee\_details.txt' using PigStorage(',') as (emp\_id:int, ename:chararray, sal:int, rating:int);*

*emp\_e = LOAD 'employee\_expenses.txt' using PigStorage() as (eid:int, exp:int);*

*join\_emp = join emp\_d by emp\_id, emp\_e by eid;*

*emp = FOREACH join\_emp GENERATE emp\_id, ename, exp;*

*sorted = order emp by exp desc, ename;*

*top3 = limit sorted 3;*

*Dump;*

**

1. List of employees (employee id and employee name) having entries in employee\_expenses file.

*emp\_d = LOAD 'employee\_details.txt' using PigStorage(',') as (emp\_id:int, ename:chararray, sal:int, rating:int);*

*emp\_e = LOAD 'employee\_expenses.txt' using PigStorage() as (eid:int, exp:int);*

*join\_emp = join emp\_e by eid, emp\_d by emp\_id;*

*emp = FOREACH join\_emp GENERATE emp\_id, ename;*

*dist = DISTINCT emp;*

*Dump;*

**

1. List of employees (employee id and employee name) having no entry in employee\_expenses file.

*emp\_d = LOAD 'employee\_details.txt' using PigStorage(',') as (emp\_id:int, ename:chararray, sal:int, rating:int);*

*emp\_e = LOAD 'employee\_expenses.txt' using PigStorage() as (eid:int, exp:int);*

*join\_emp = join emp\_d by emp\_id LEFT OUTER, emp\_e by eid;*

*emp = FOREACH join\_emp GENERATE emp\_id, ename,eid;*

*flt\_emp = FILTER emp by eid is null;*

*dump;*

