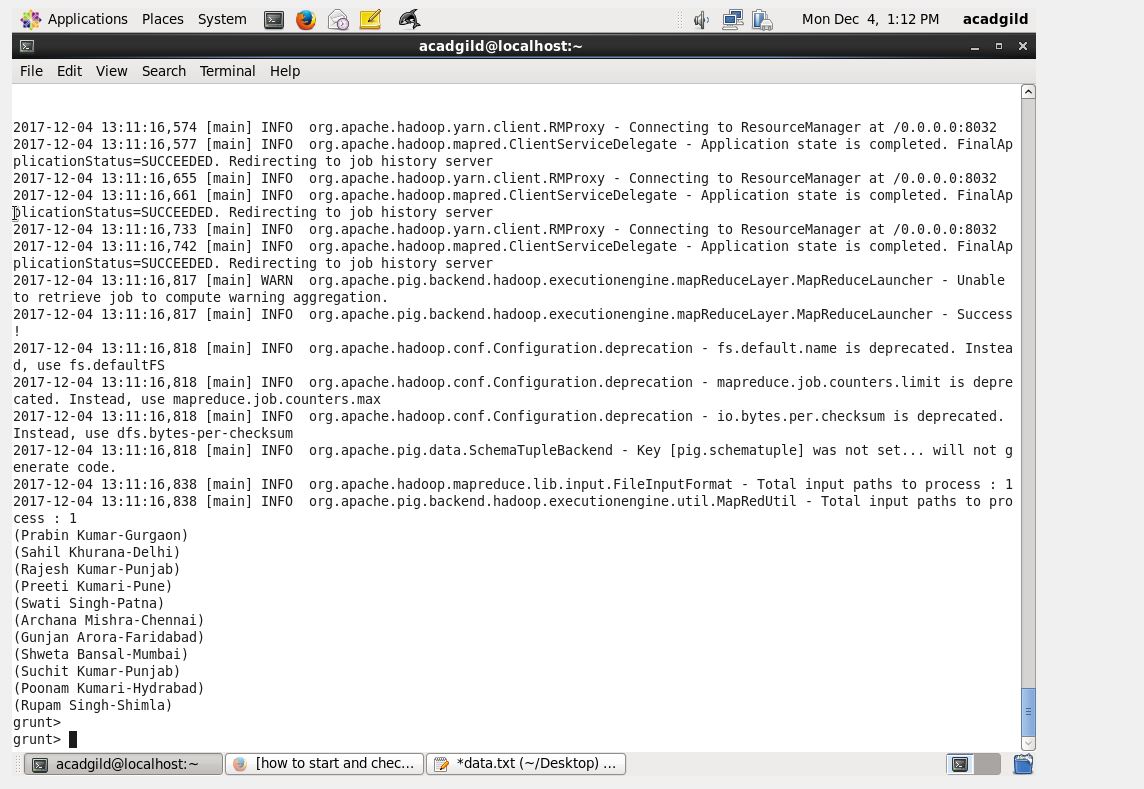
1. Concat

Employee\_Details = LOAD '/user/acadgild/hadoop/pig\_data/Employee\_Details.txt' USING PigStorage(',') as (id:int, name:chararray, age:int, city:chararray);

Employee\_Details\_concat = foreach Employee\_Details Generate CONCAT (name,'-',city);

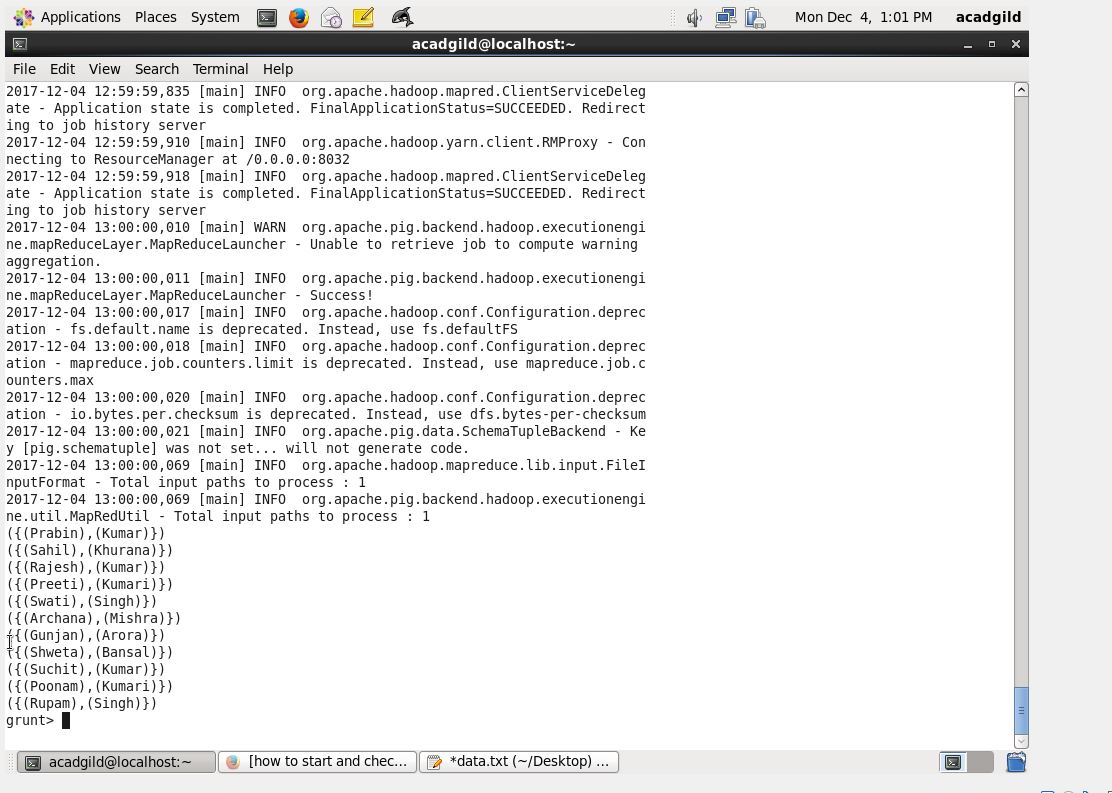


2.Tokenize

Employee\_Details = LOAD '/user/acadgild/hadoop/pig\_data/Employee\_Details.txt' USING PigStorage(',')

as (id:int, name:chararray, age:int, city:chararray);

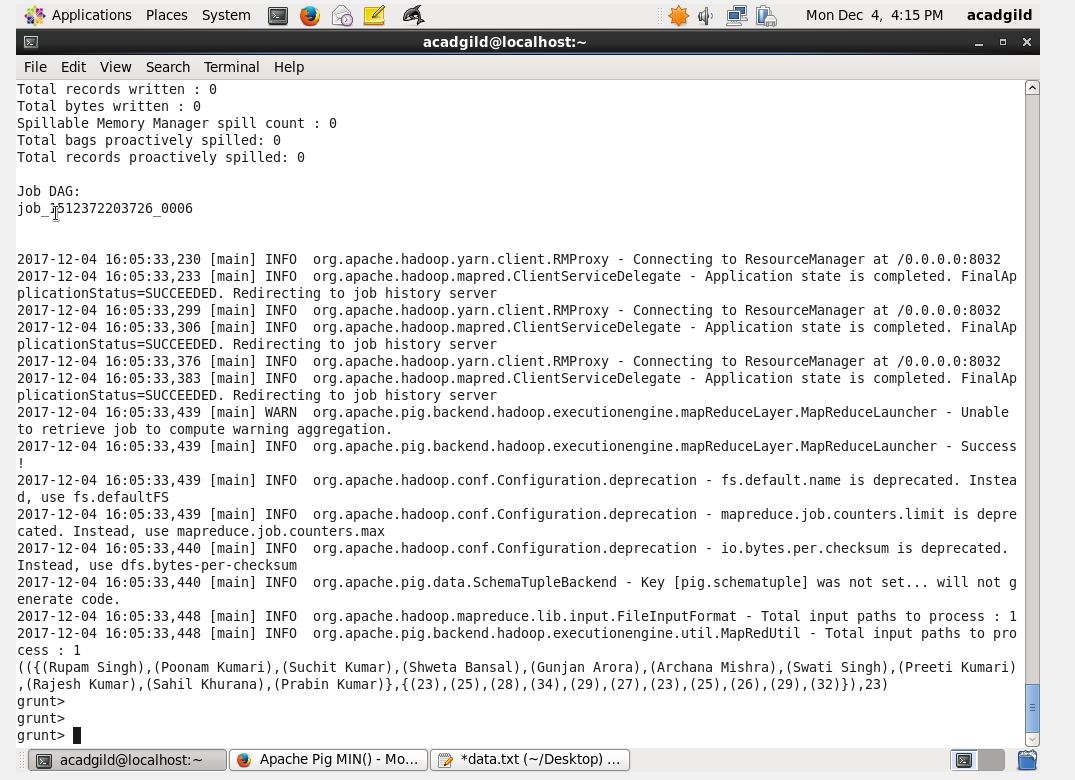
Employee\_Details\_tokenize = foreach Employee\_Details Generate TOKENIZE(name);



3. MIN

Employee\_Details\_group = group Employee\_Details ALL;

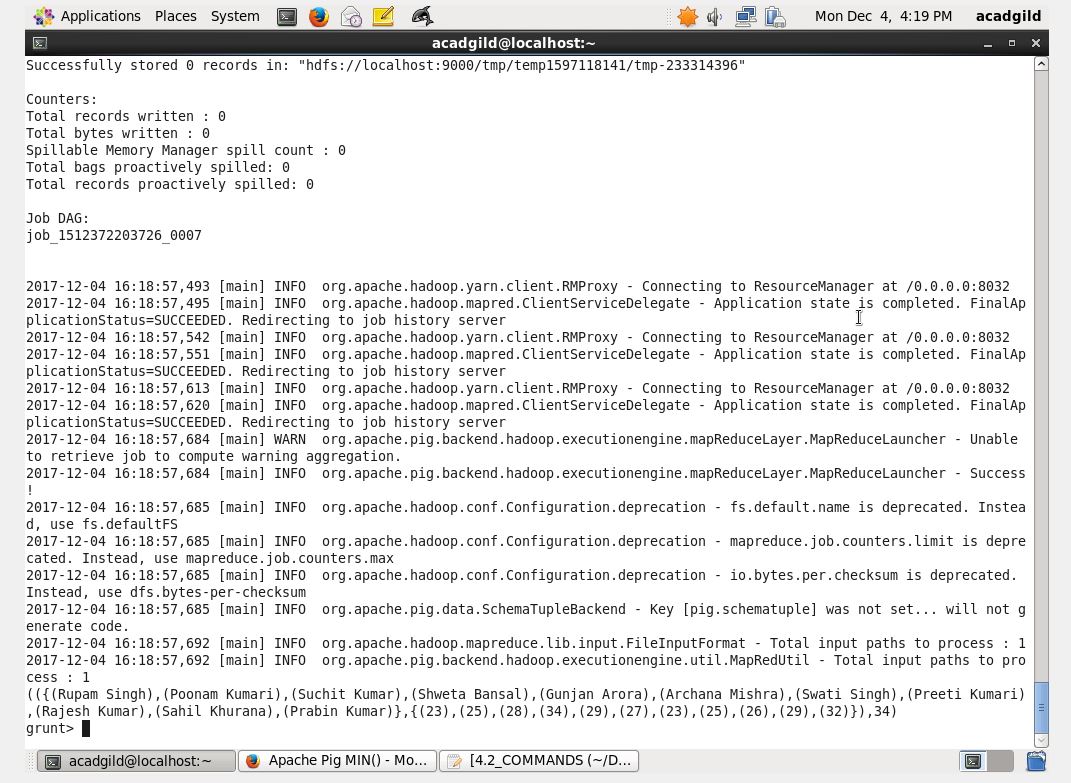
Employee\_age\_min = foreach Employee\_Details\_group Generate (Employee\_Details.name, Employee\_Details.age), MIN(Employee\_Details.age);



4. MAX

Employee\_Details\_group = group Employee\_Details ALL;

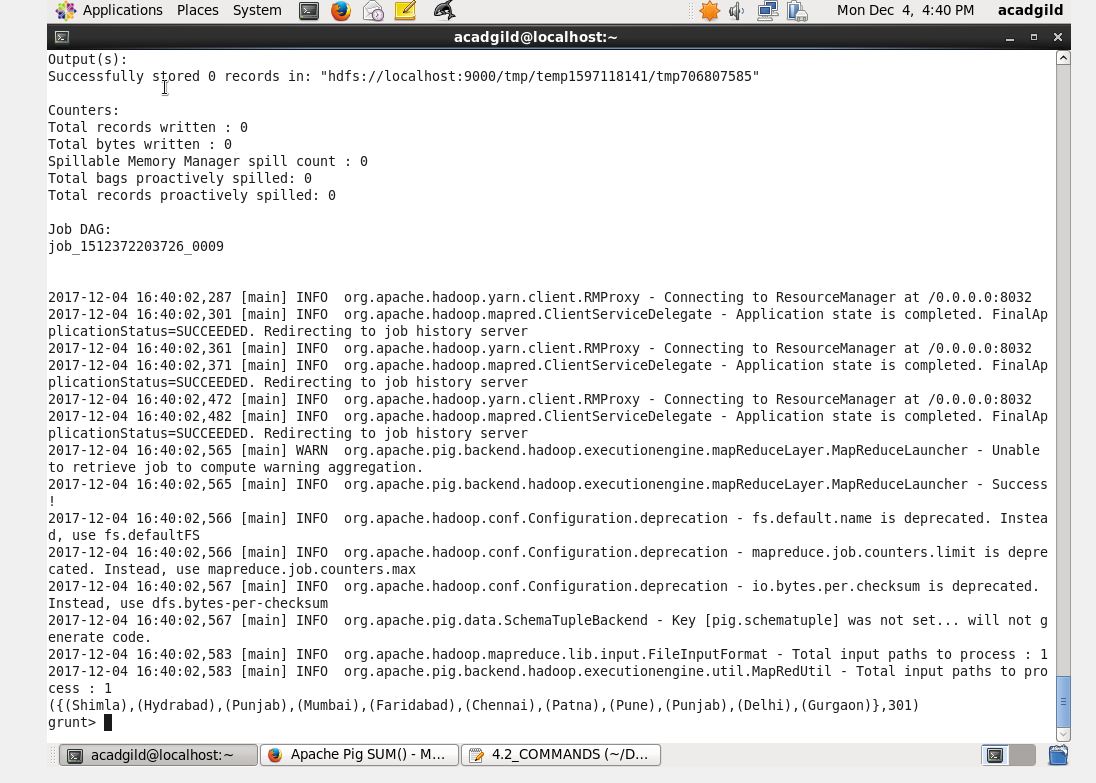
Employee\_age\_max = foreach Employee\_Details\_Limit\_group Generate (Employee\_Details.name, Employee\_Details.age), MAX(Employee\_Details.age);



5.SUM

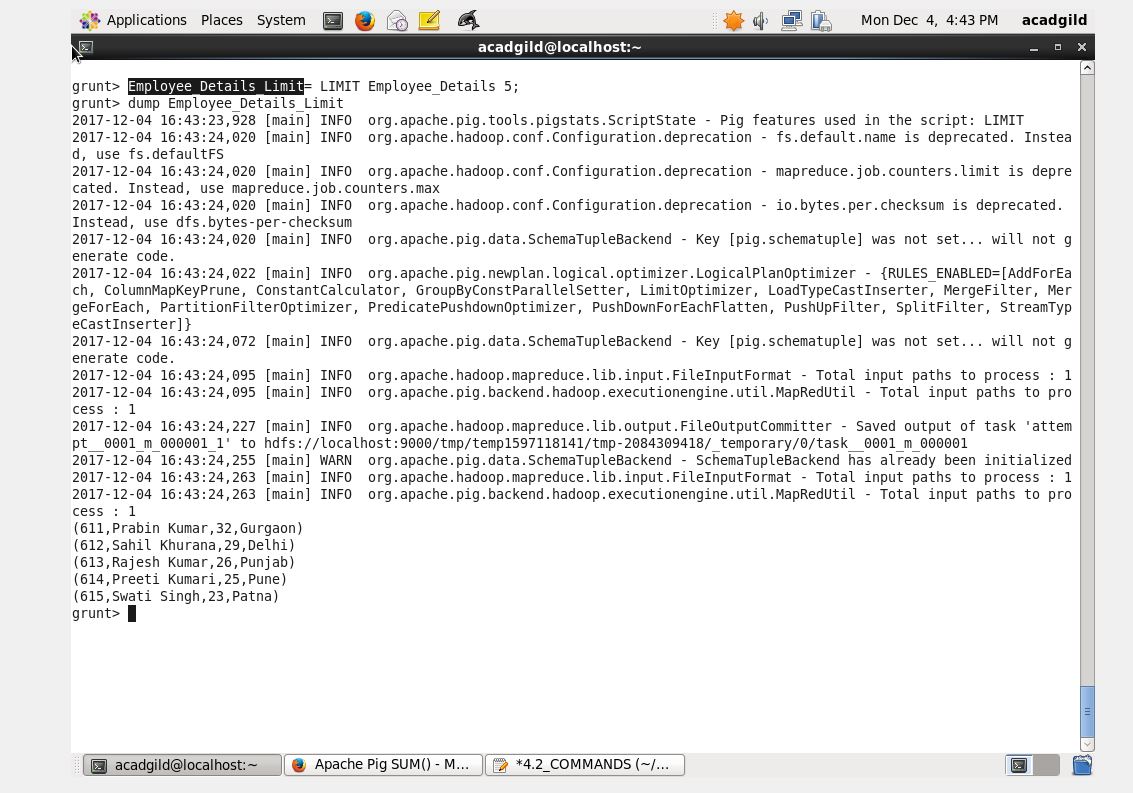
Employee\_Details\_group = group Employee\_Details ALL;

Employee\_age\_sums = foreach Employee\_Details\_group Generate (Employee\_Details.city),SUM(Employee\_Details.age);



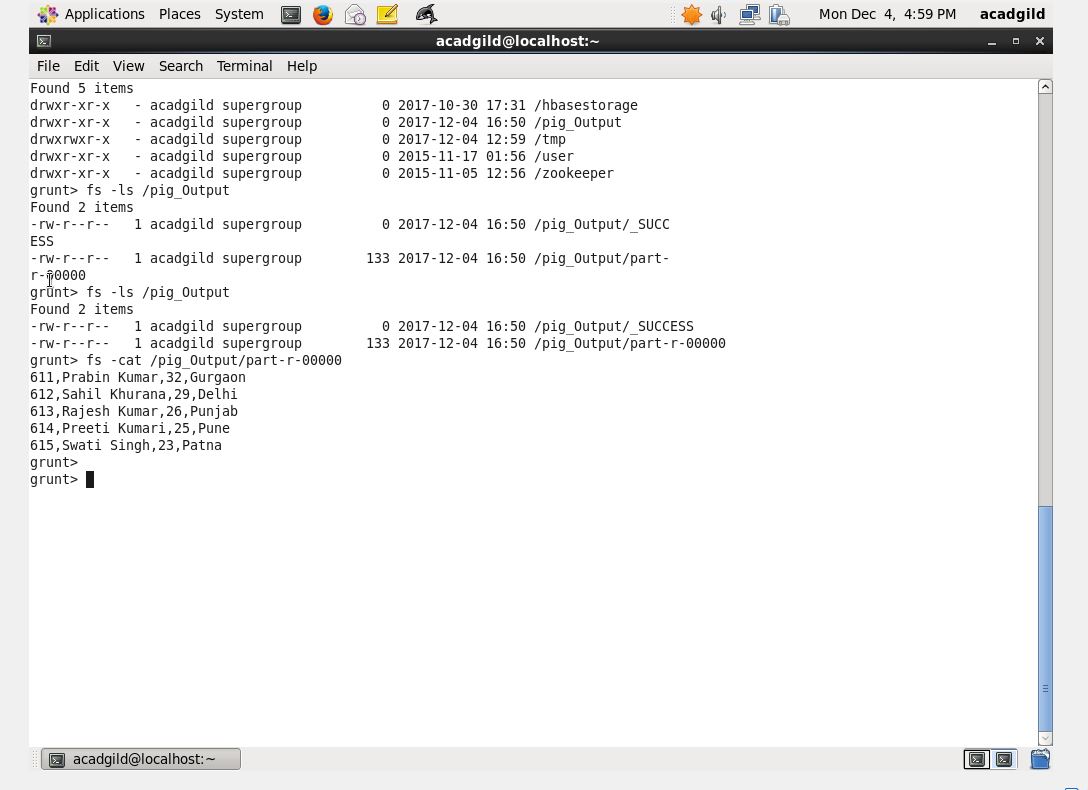
6. LIMIT

Employee\_Details\_Limit= LIMIT Employee\_Details 5;



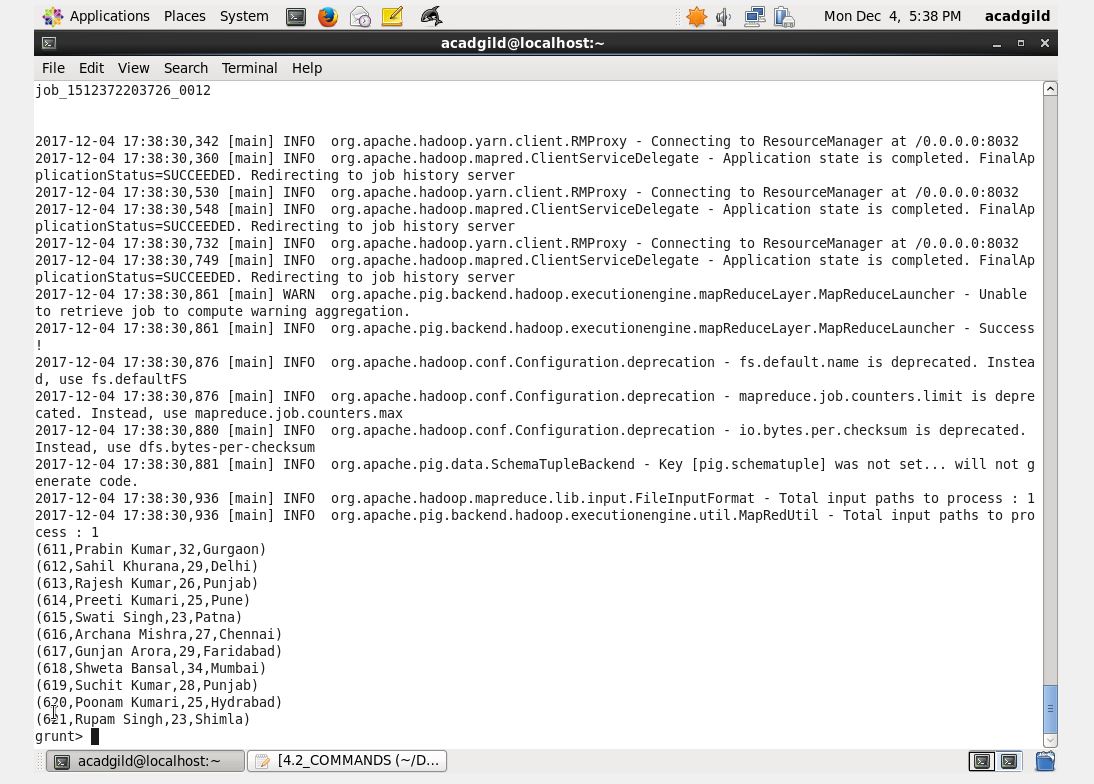
7. STORE

STORE Employee\_Details\_Limit INTO ' /pig\_Output/ ' USING PigStorage (',');



8.DISTINCT

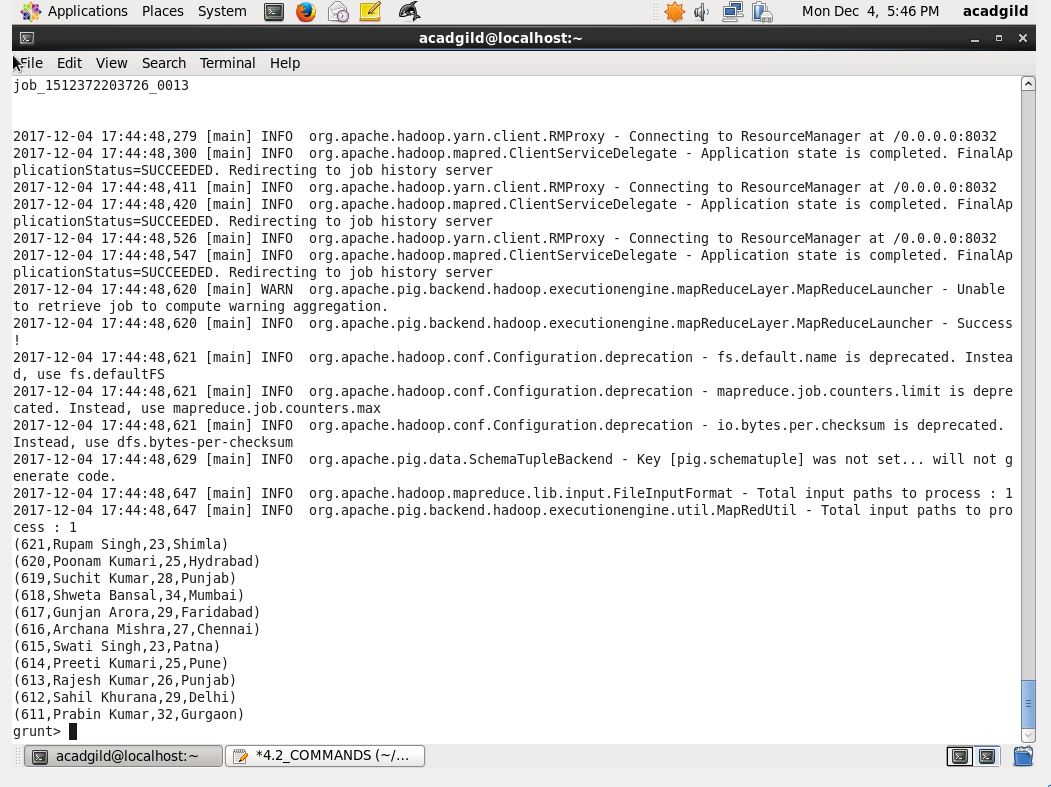
Employee\_Details\_DISTINCT= DISTINCT Employee\_Details;



9. FLATTEN

Employee\_Details\_group = group Employee\_Details ALL;

Employee\_Details\_FLATTEN\_DATA= foreach Employee\_Details\_group Generate FLATTEN($1);



10. IsEmpty

empsales = LOAD '/user/acadgild/hadoop/pig\_data/empsales.txt' USING PigStorage(',')

as (sno:int, name:chararray, age:int, salary:int, dept:chararray);

empbonus = LOAD '/user/acadgild/hadoop/pig\_data/empbonus.txt' USING PigStorage(',')

as (sno:int, name:chararray, age:int, salary:int, dept:chararray);

cogroup\_empdata = COGROUP empsales by age, empbonus by age;

dump cogroup\_empdata;

isempty\_empdata = filter cogroup\_empdata by IsEmpty(empsales);

dump isempty\_empdata;

