Below is the script used to finalize the result-

**Pig –x local;**

**emp\_details = LOAD '/home/acadgild/pig/employee\_details.txt' USING PigStorage(',') AS (emp\_id:int, name:chararray, salary:int, rating:int);**

**emp\_expense = LOAD '/home/acadgild/pig/employee\_expenses.txt' USING PigStorage('\t') AS (emp\_id:int, expense:int);**

**joined\_data = JOIN emp\_details by emp\_id FULL, emp\_expense by emp\_id;**

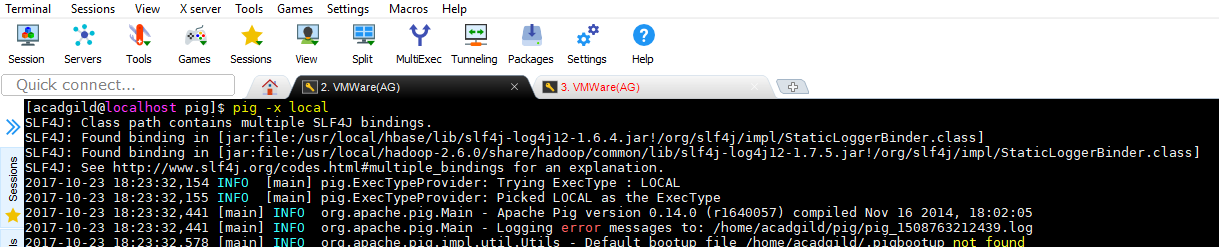
**filter\_res = FILTER joined\_data BY emp\_expense::emp\_id IS NULL;**

**final\_result = FOREACH filter\_res GENERATE $0, $1;**

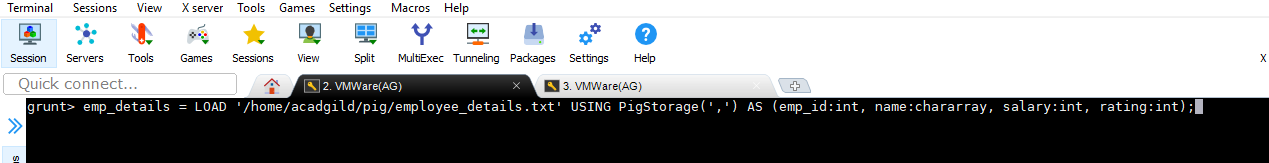
**dump final\_result;**

Each and every relation has been explained below with its immediate corresponding output-

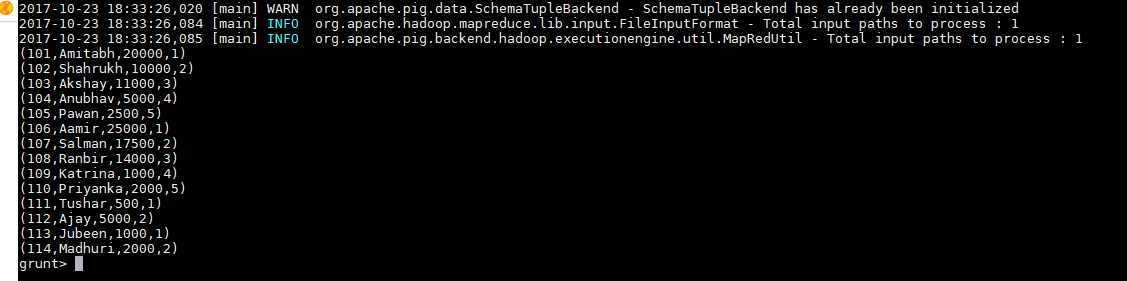
Start pig in local mode-



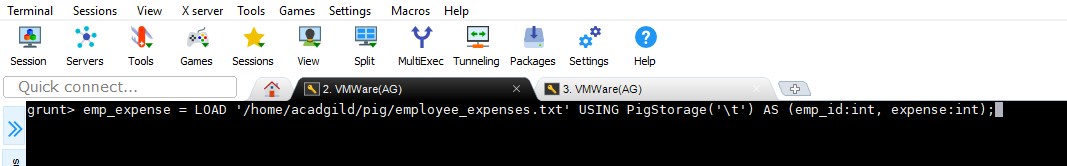
Load the emp\_details.txt file using PigStorage

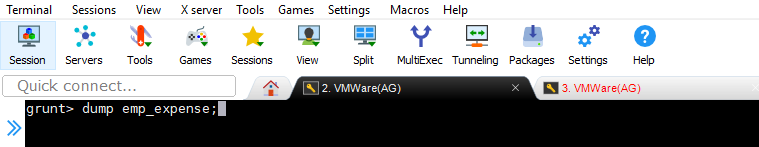


Contents of file-

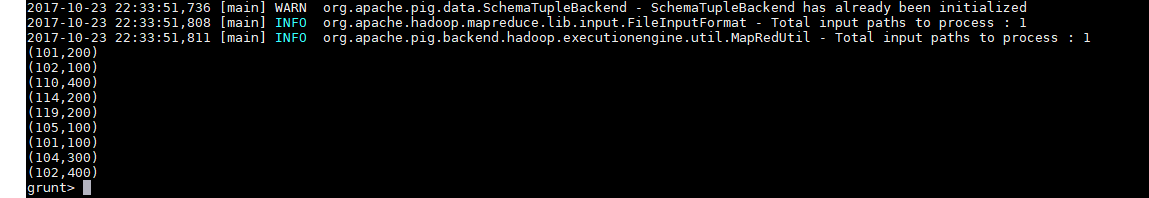


Load the emp\_expense.txt file using PigStorage

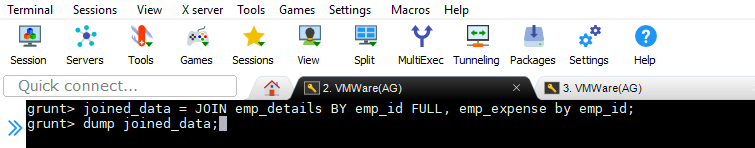




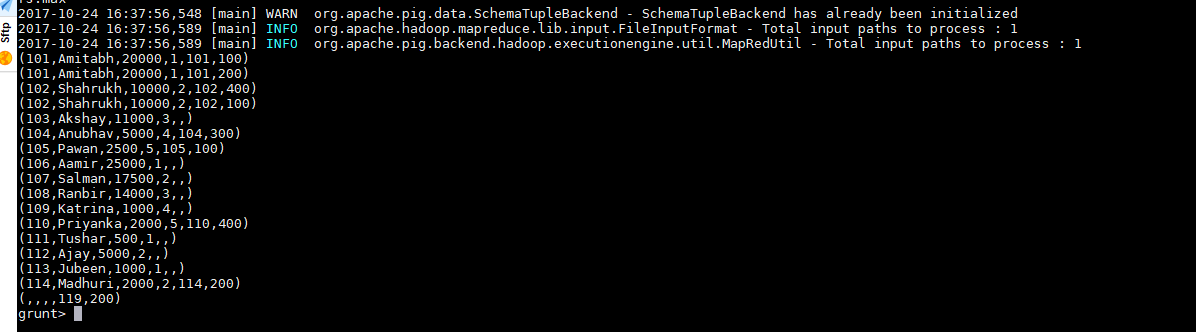
Contents of file-



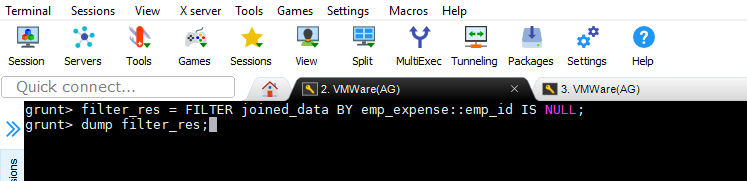
Do a FULL OUTER join on both files -



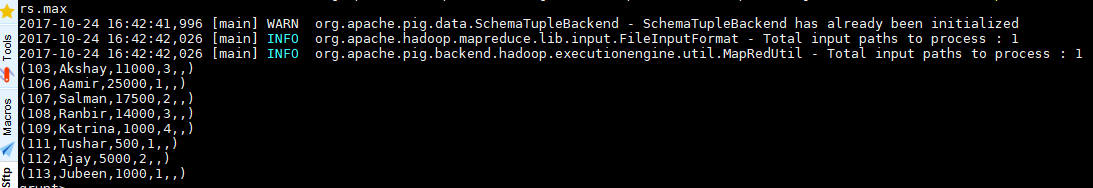
Result of FULL OUTER JOIN-



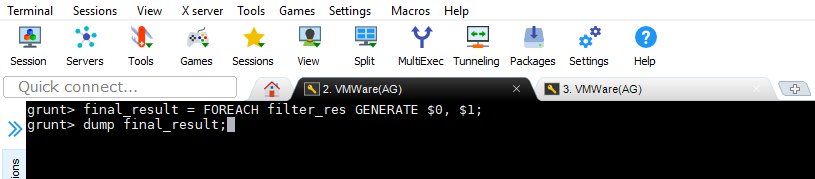
Check whether contents(emp\_id) from second file(emp\_expense) is NULL and FILTER them-



Result of Filtered out data which are not present in emp\_expense file-



Extract emp\_id aand emp\_name from first file as required



**Final O/P-**

