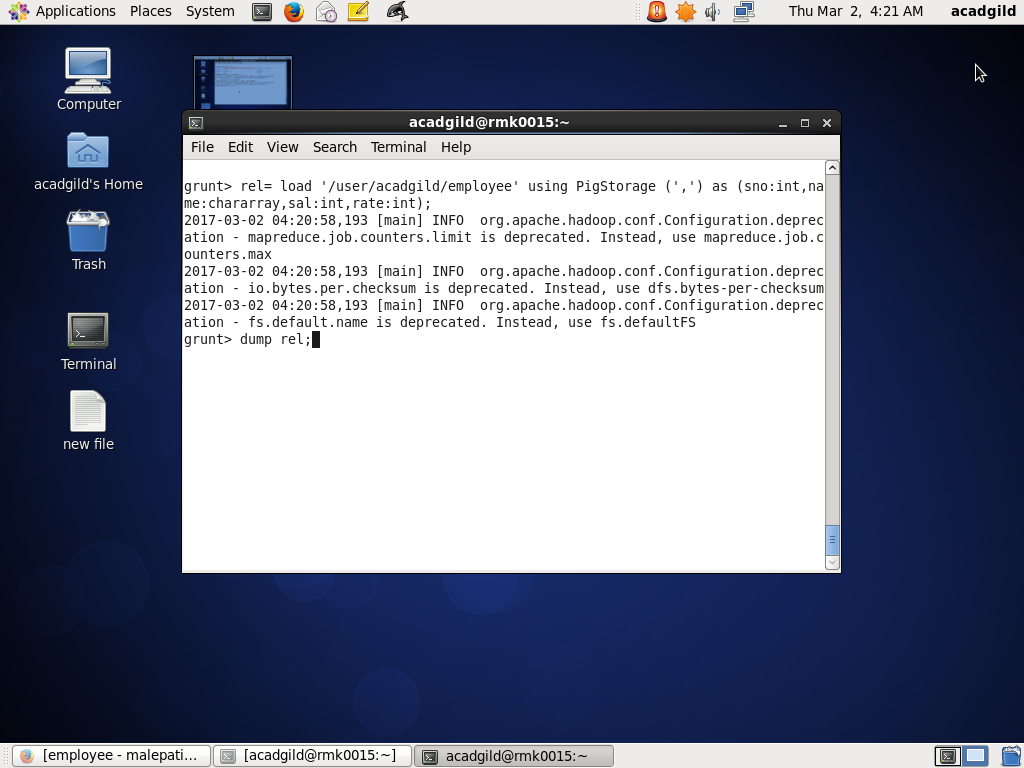
ASSIGNMENT 7.3

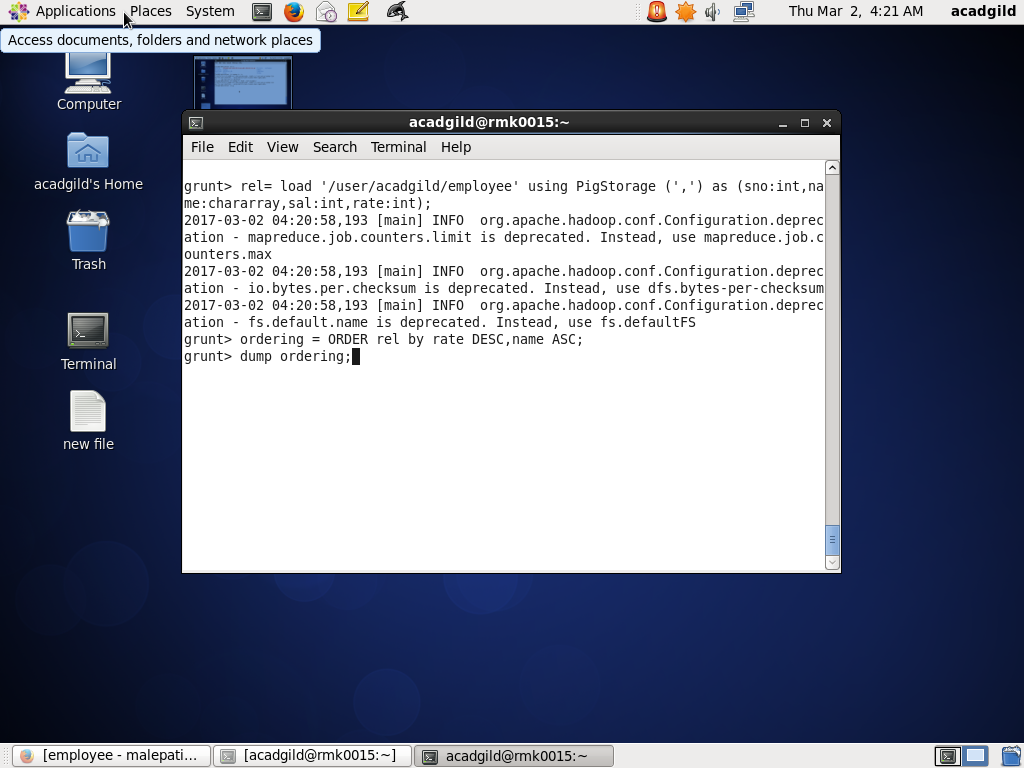
We have employee\_details and employee\_expenses files. Use local mode while running Pig and write Pig Latin script.

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)

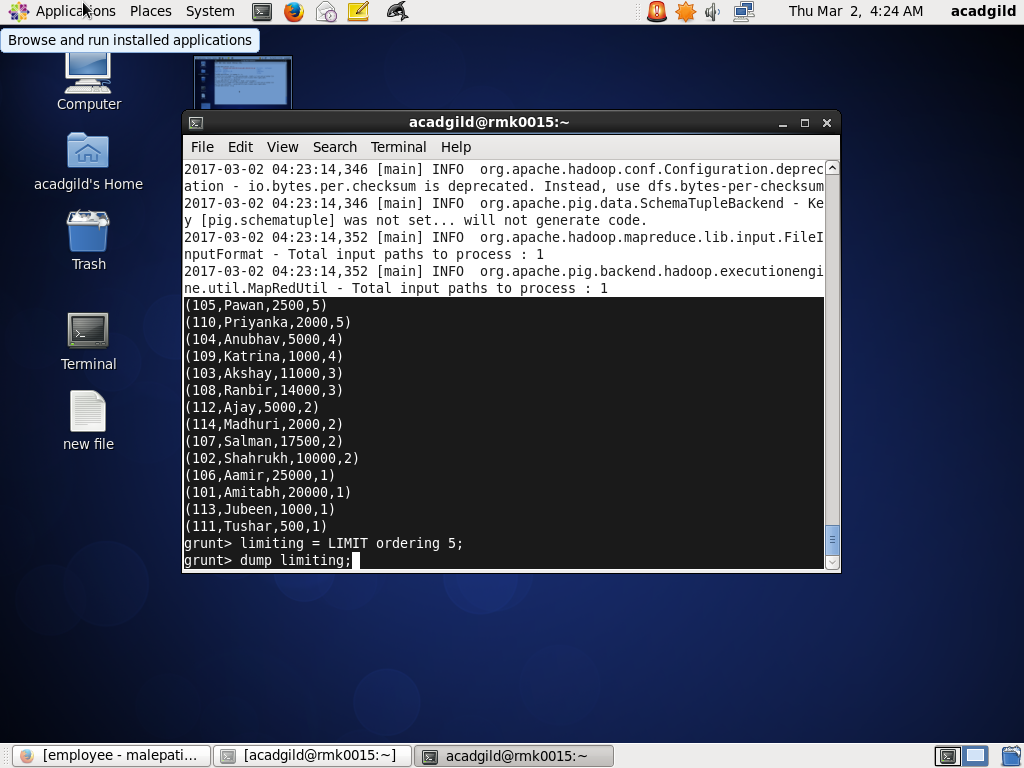
STEP 1: LOAD “employee” FILE WITH ALL DATA INTO IT



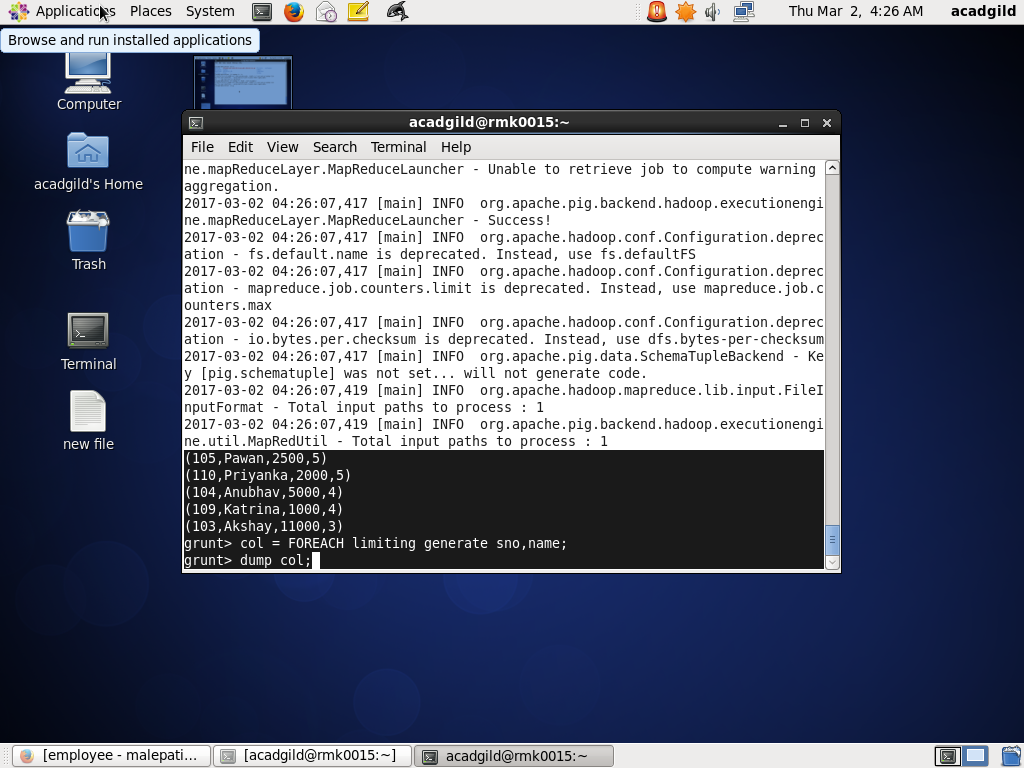
STEP 2: ORDERING OF DATA BASED ON “RATING “ IN DESCENDING ORDER TO GET THE HIGHEST RATING



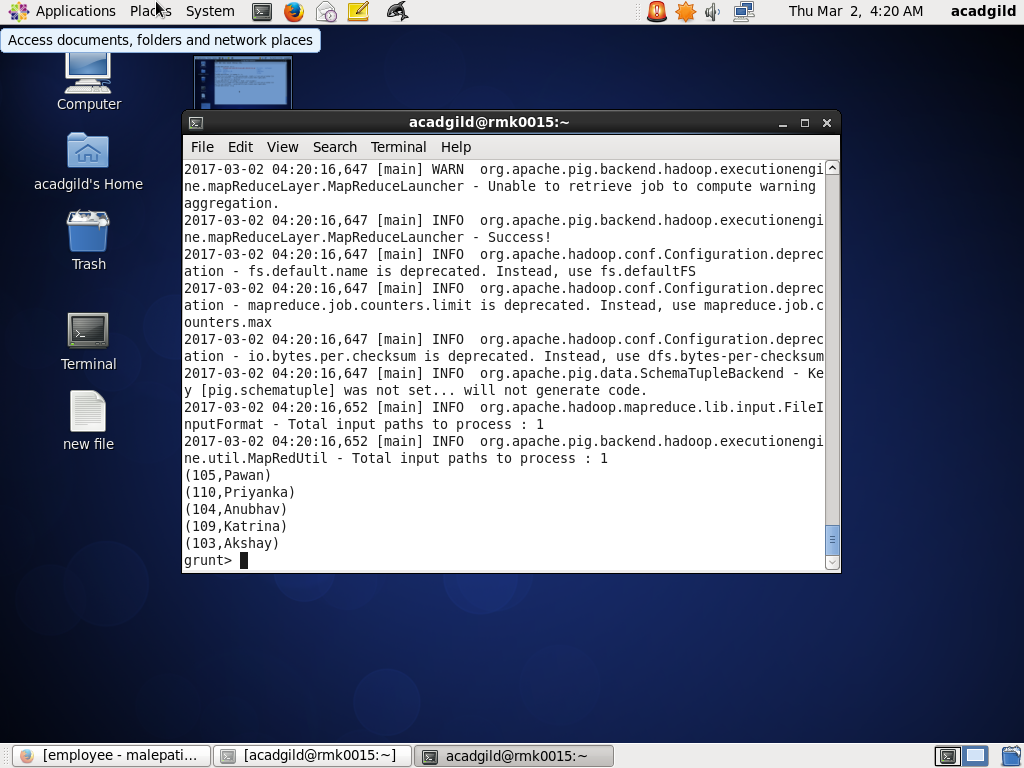
STEP 3: LIMITING THE DATA TO TOP 5 RECORDS IN ALPHABETIACL ORDER N HIGHEST RATING



STEP 4: USING FOREACH COMMAND TO DISPLAY ONLY “SNO AND NAME “ COLUMNS

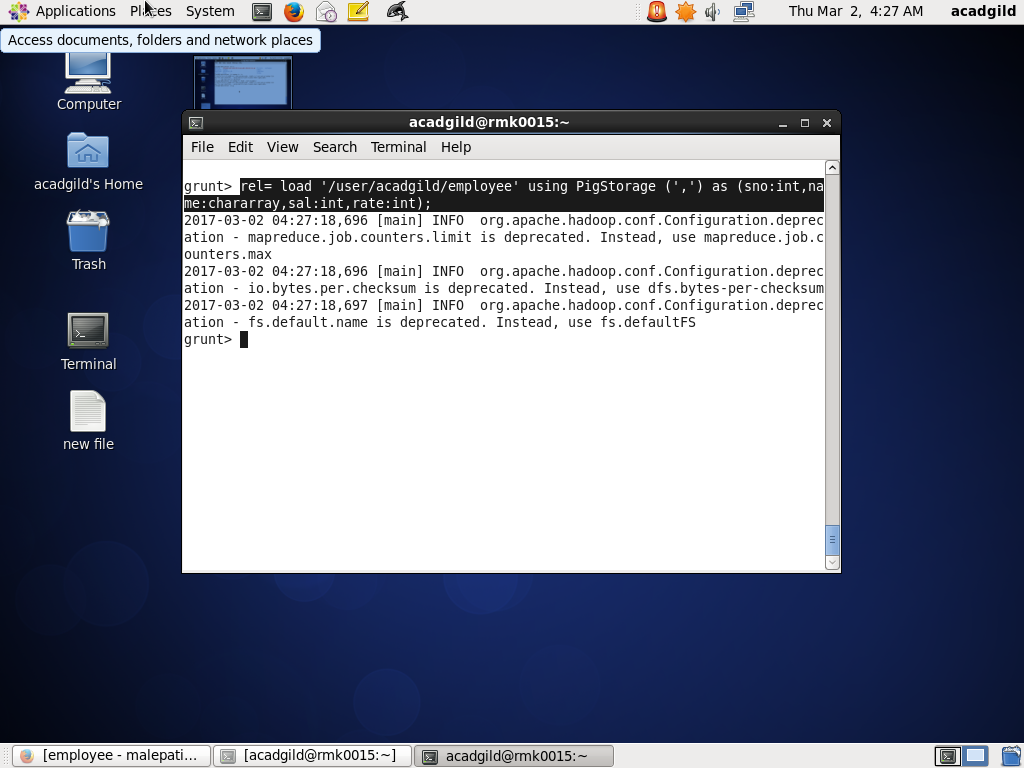


STEP 5: FINAL OUTPUT SHOWING TOP 5 RATING IN ALPHABETICAL ORDER WITH SNO AND NAME FIELDS

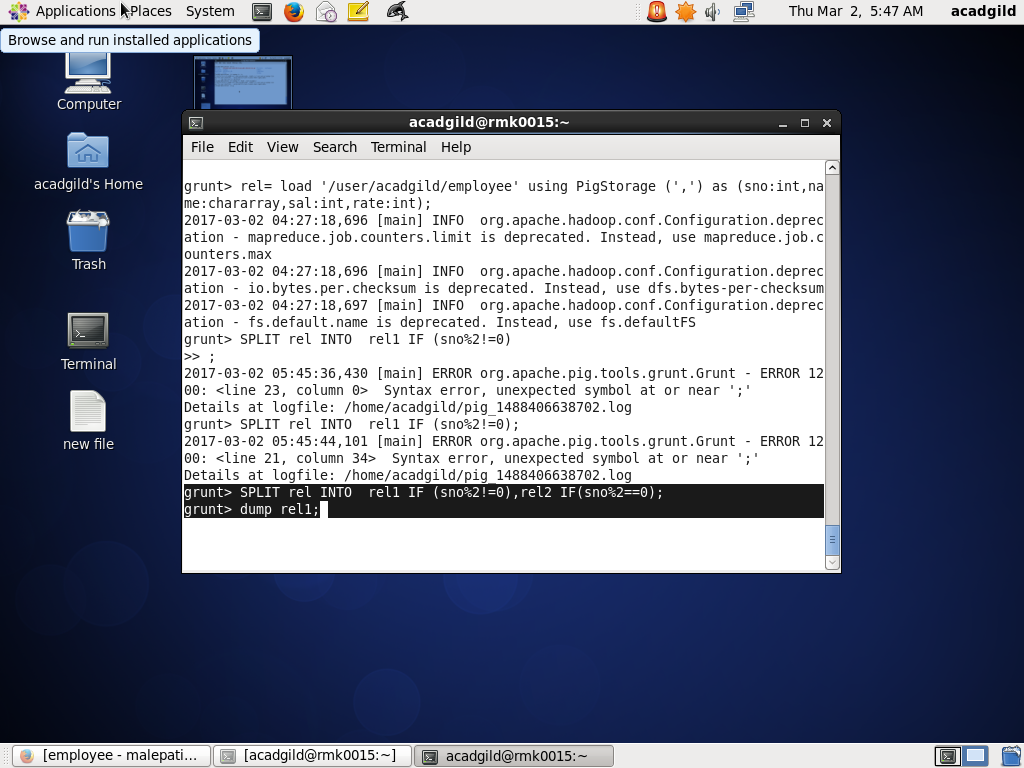


1. Top 3 employees (employee id and employee name) with highest salary, whose employee id is an odd number. (In case two employees have same salary, employee with name coming first in dictionary should get preference)

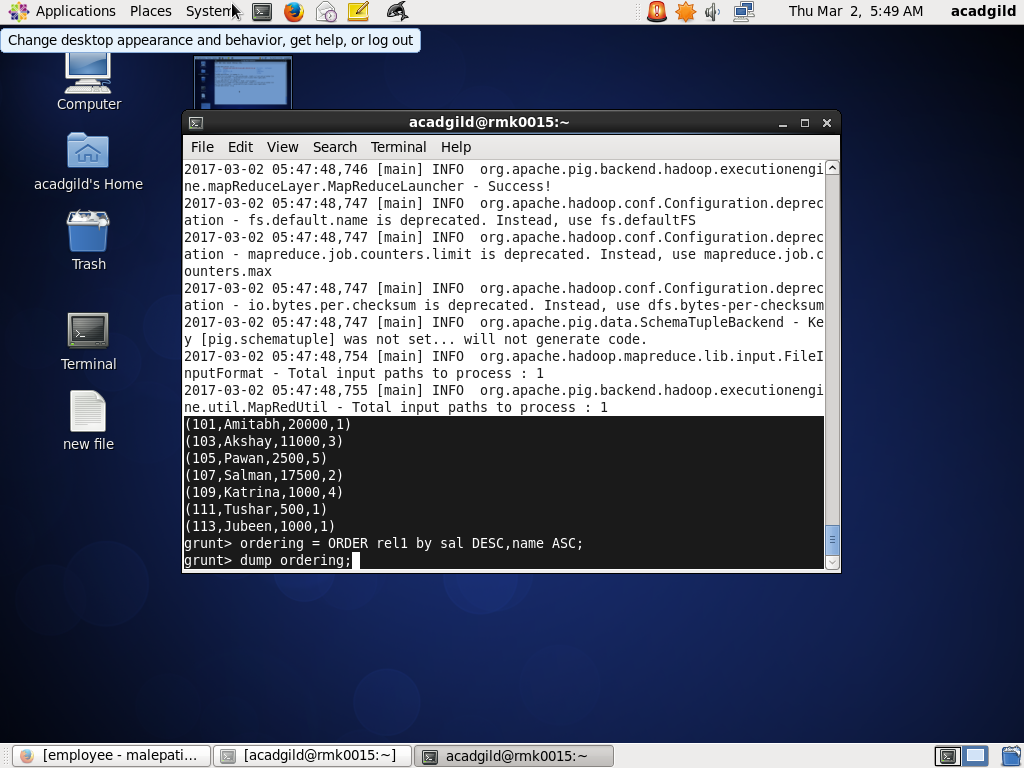
STEP1: LOAD EMPLOYEE FILE AND DATA PRESENT IN IT



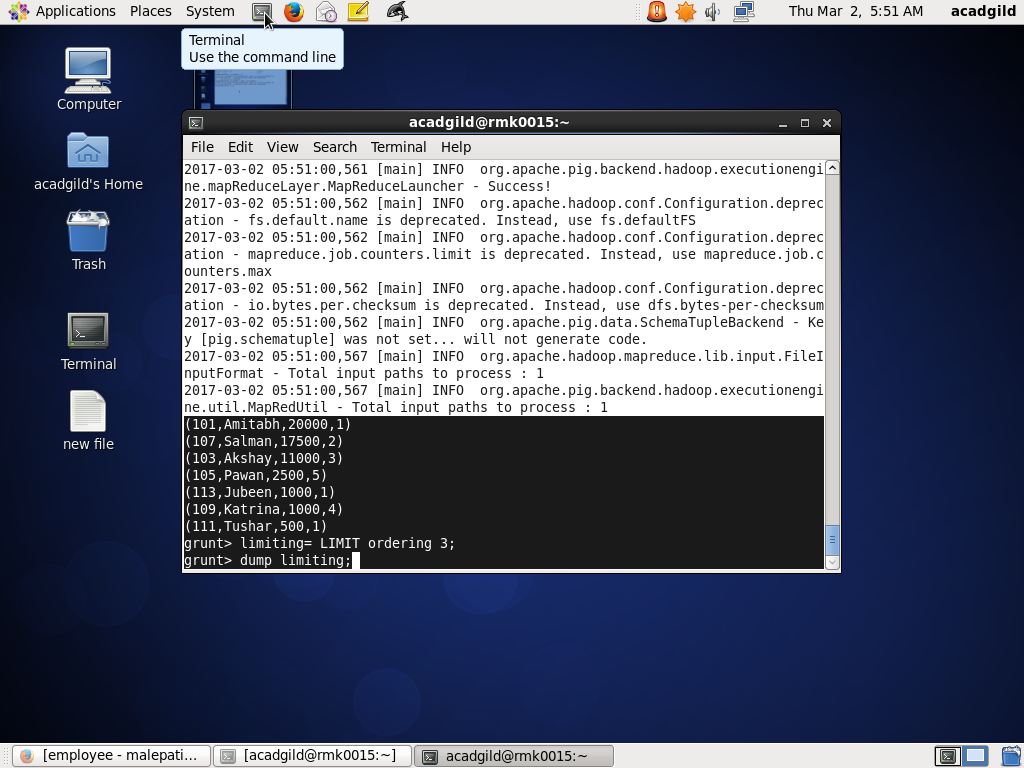
STEP2 : USE “SPLIT COMMAND” FOR GETTING ONLY ODD NUMBERED “SNO” IN EMPLOYEE



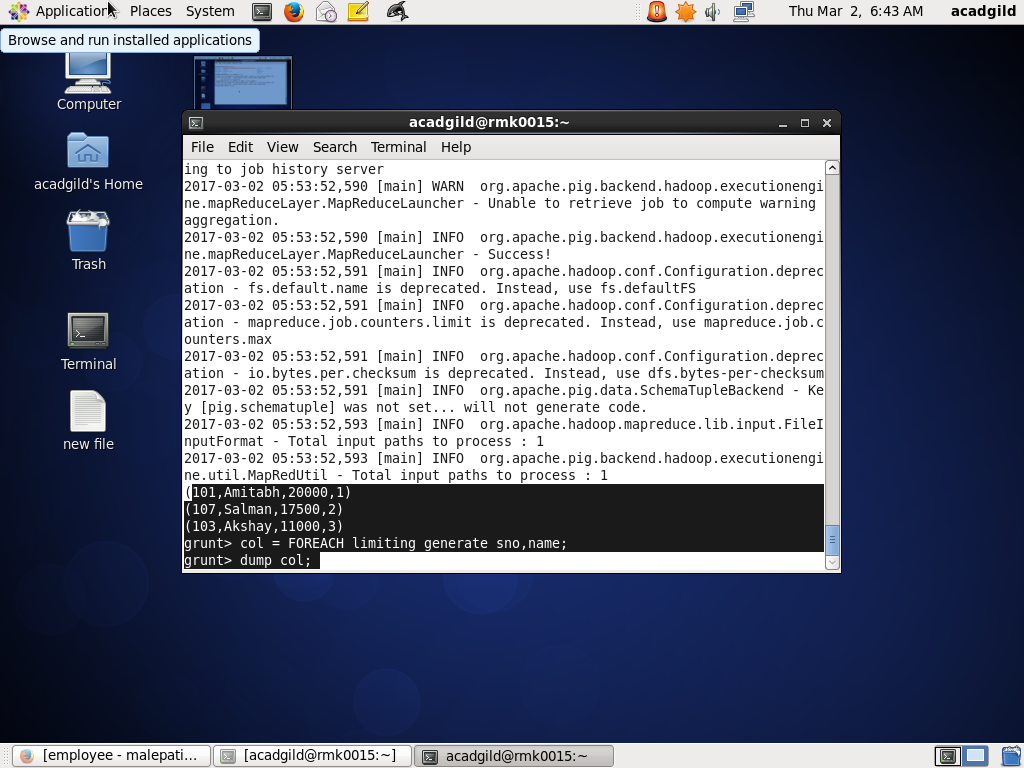
STEP 3: ORDER THE DATA IN ORDER OF HIGHEST SALARY ANDV ALPHABETICAL ORDER OF NAMES



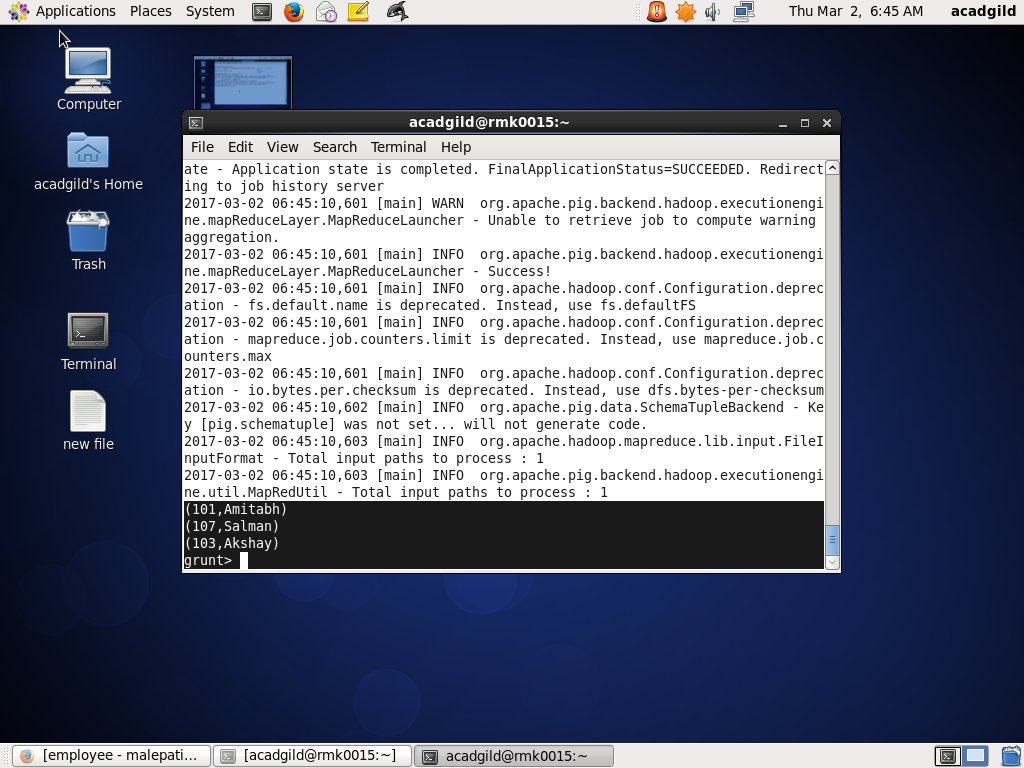
STEP 4: LIMIT THE DATA TO 3 RECORDS FROM EMPLOYEE



STEP 5: USE “FOREACH COMMAND” TO GET ONLY “SNO,NAME” FIELDS

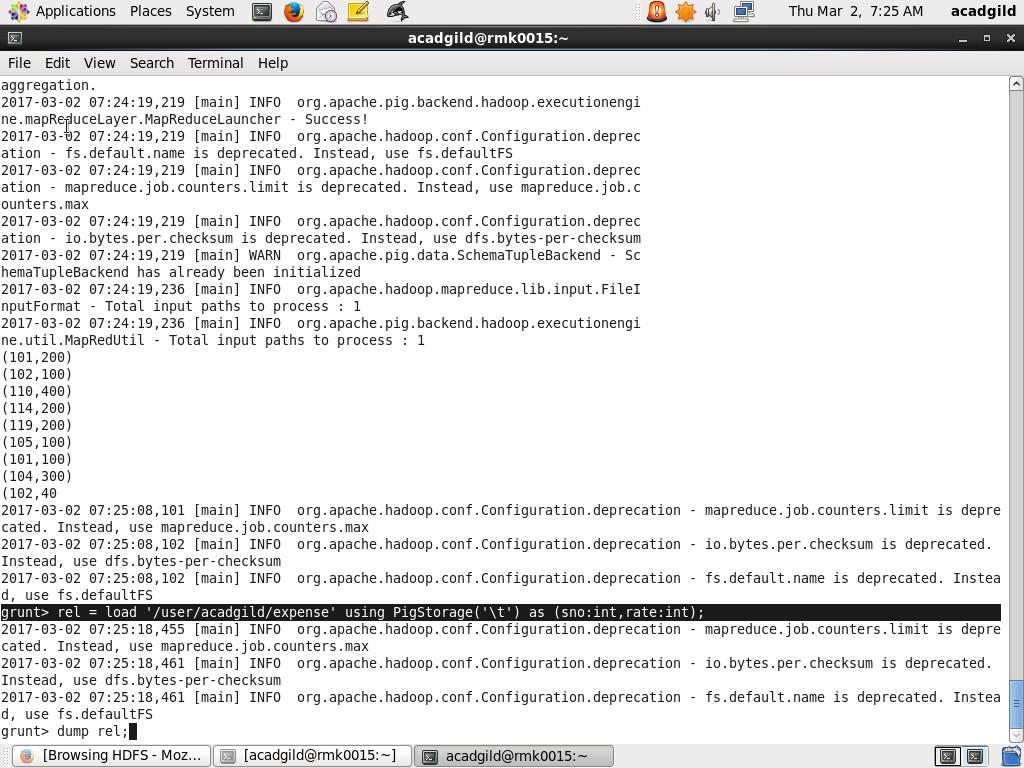


STEP 6: OUTPUT SHOWING “SNO,NAME” OF 3EMPLOYEE S WITH HIGHEST SALARY

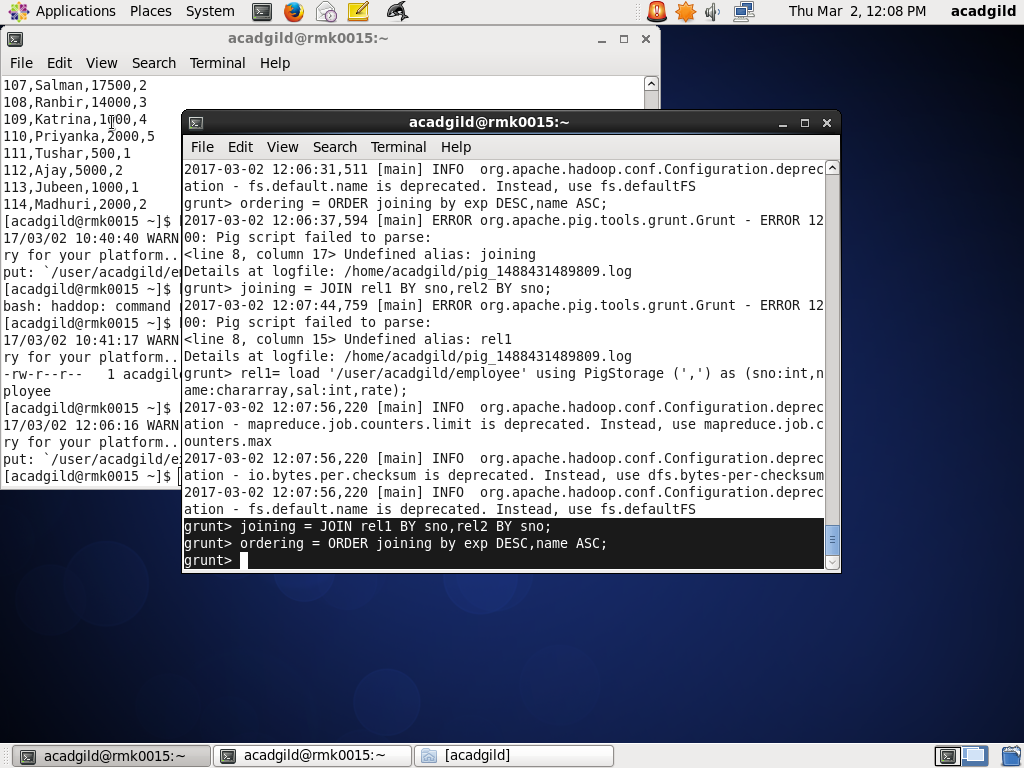


1. ) Employee (employee id and employee name) with maximum expense (In case two employees have same expense, employee with name coming first in dictionary should get preference

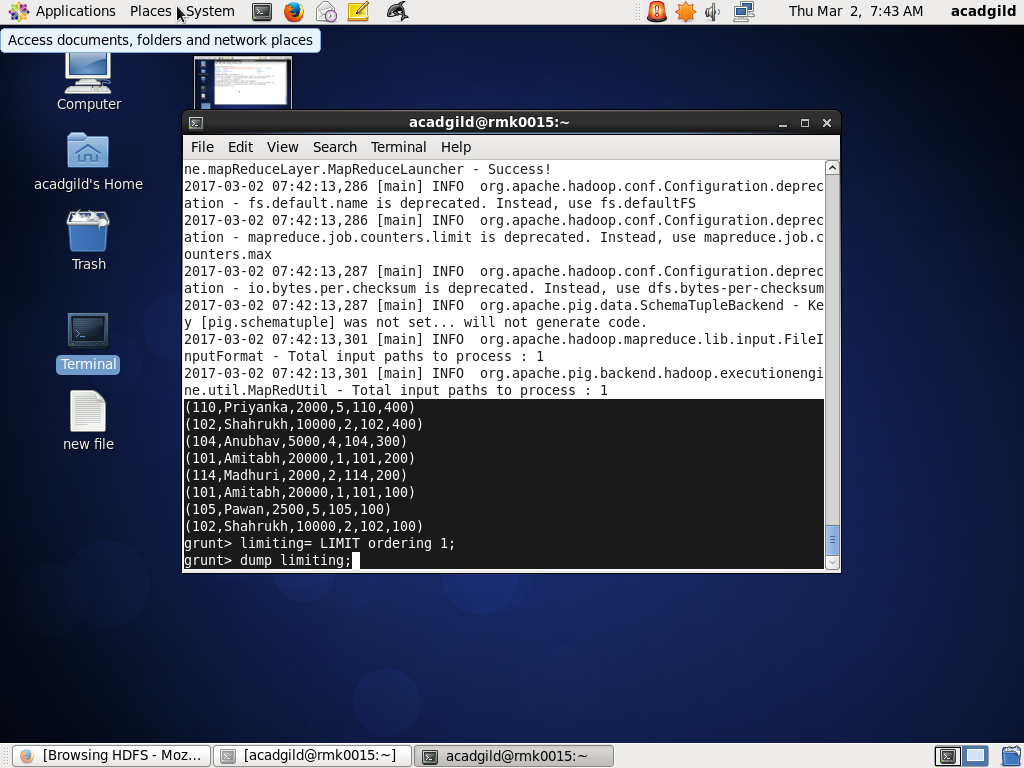
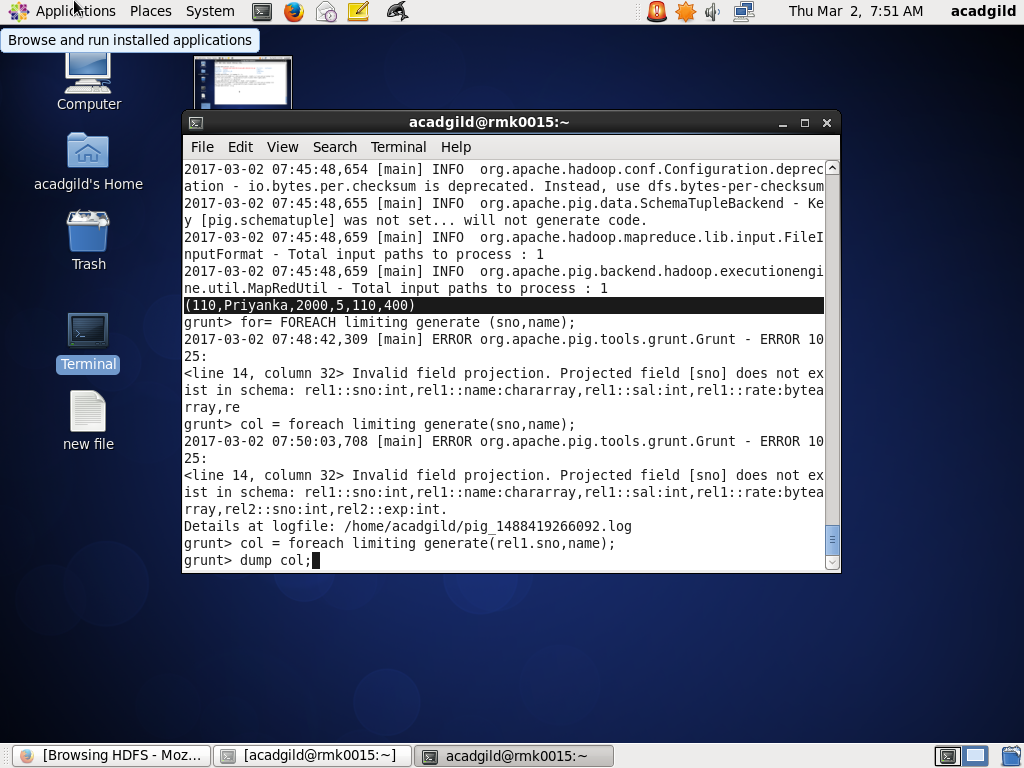
STEP 1: LOAD THE DATASET EMPLOYEE AND THE REQUIRED DATA INTO IT



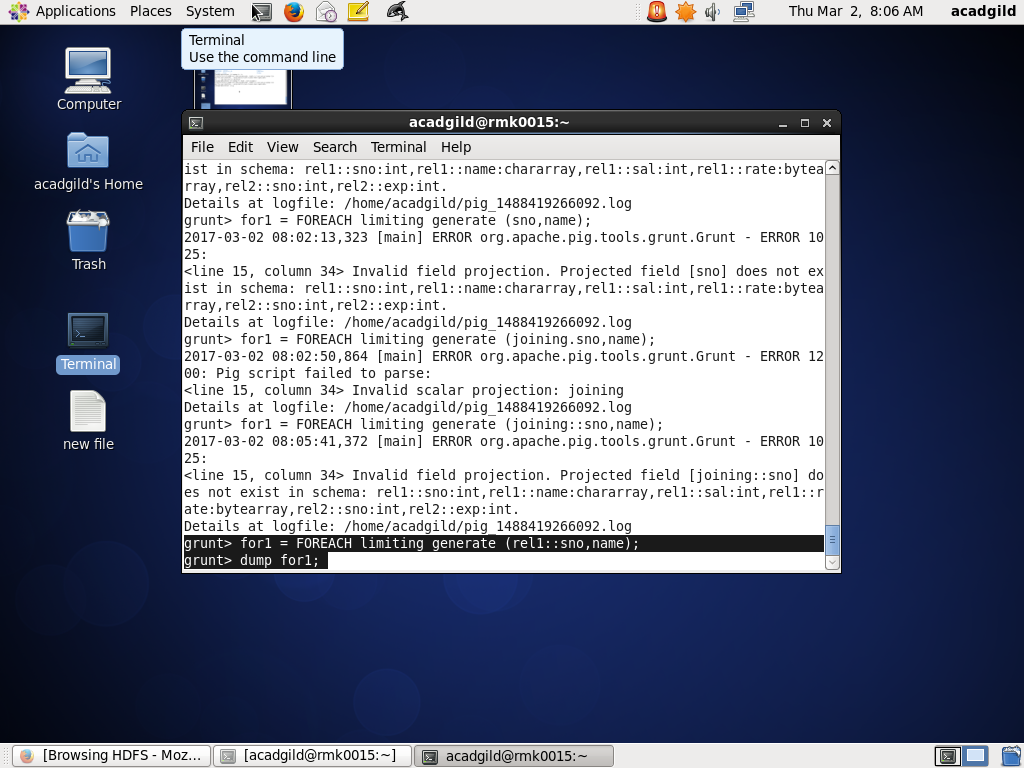
STEP2: JOIN THE 2 DATASETS AND PERFORMING ORDERING BASED ON HIGHEST EXPENSES

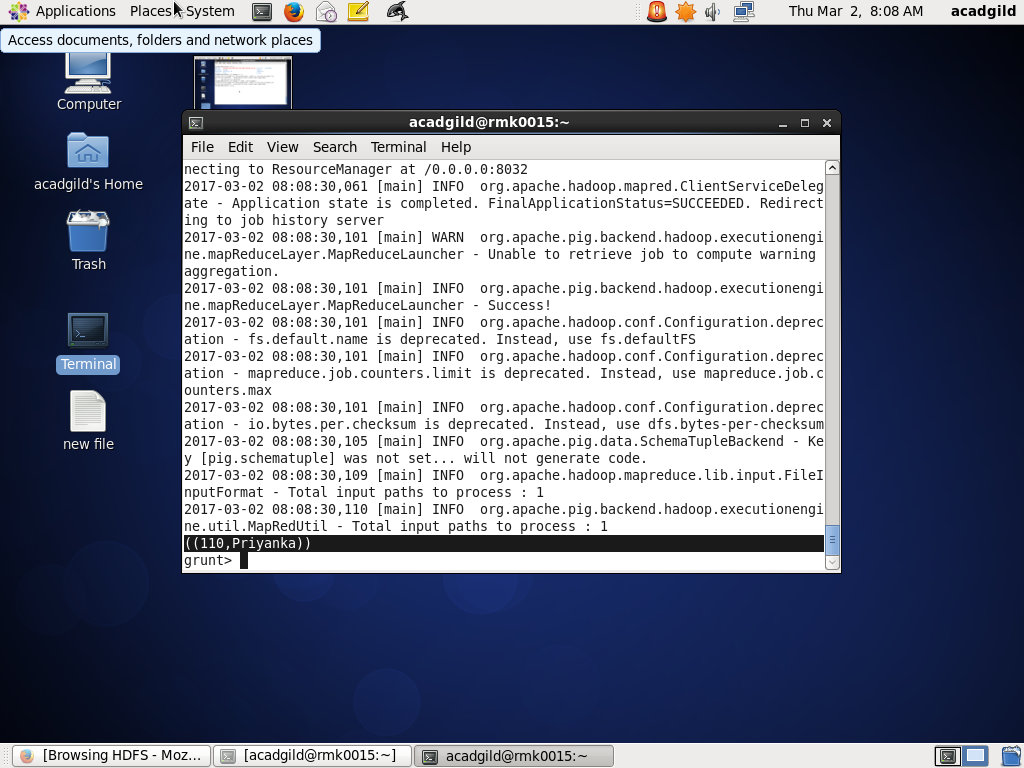


STEP 3: LIMIT THE DATA TO ONE RECORD USING LIMIT COMMAND

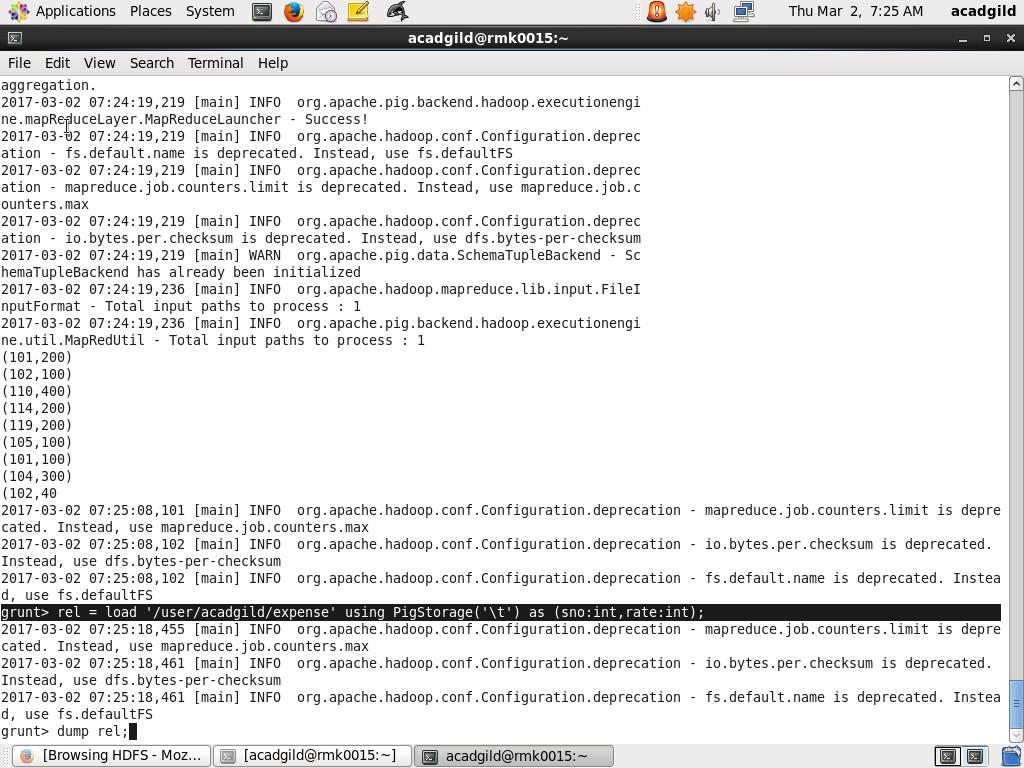
STEP 4: USE FOREACH COMMAND TO PRINT ONLY SNO AN NAME OF EMPLOYEE WITH HIGHEST EXPENSE



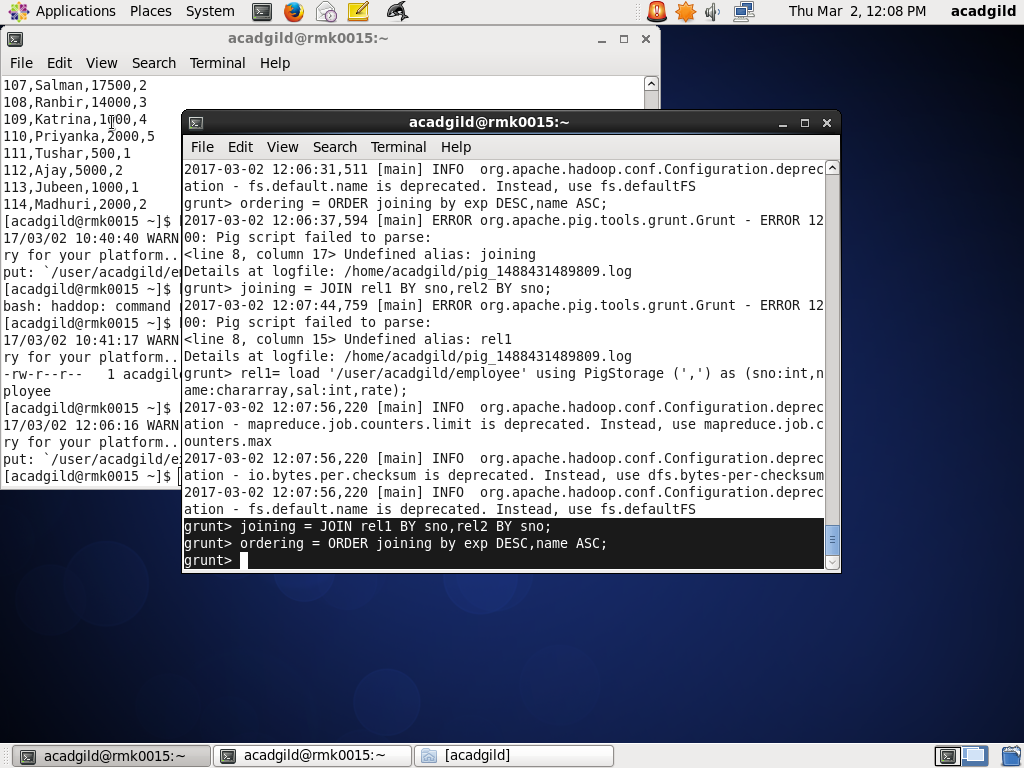
STEP 5 : OUTPUT

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

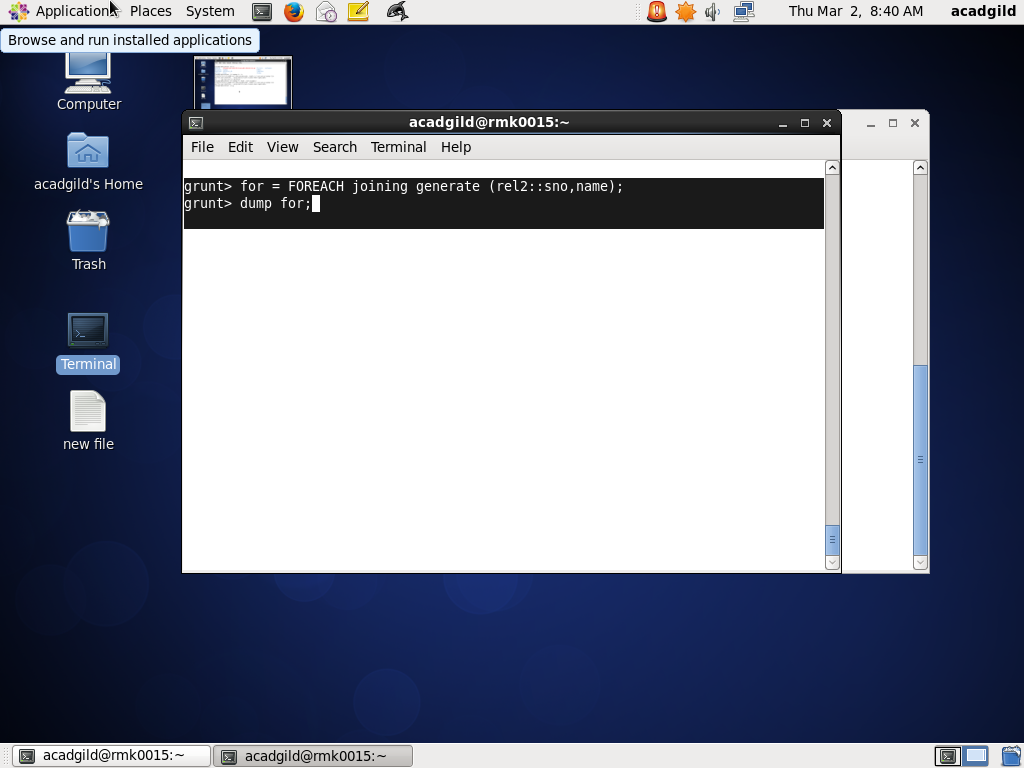
STEP 1: LOAD THE DATASET AND REQUIRED DATA INTO IT



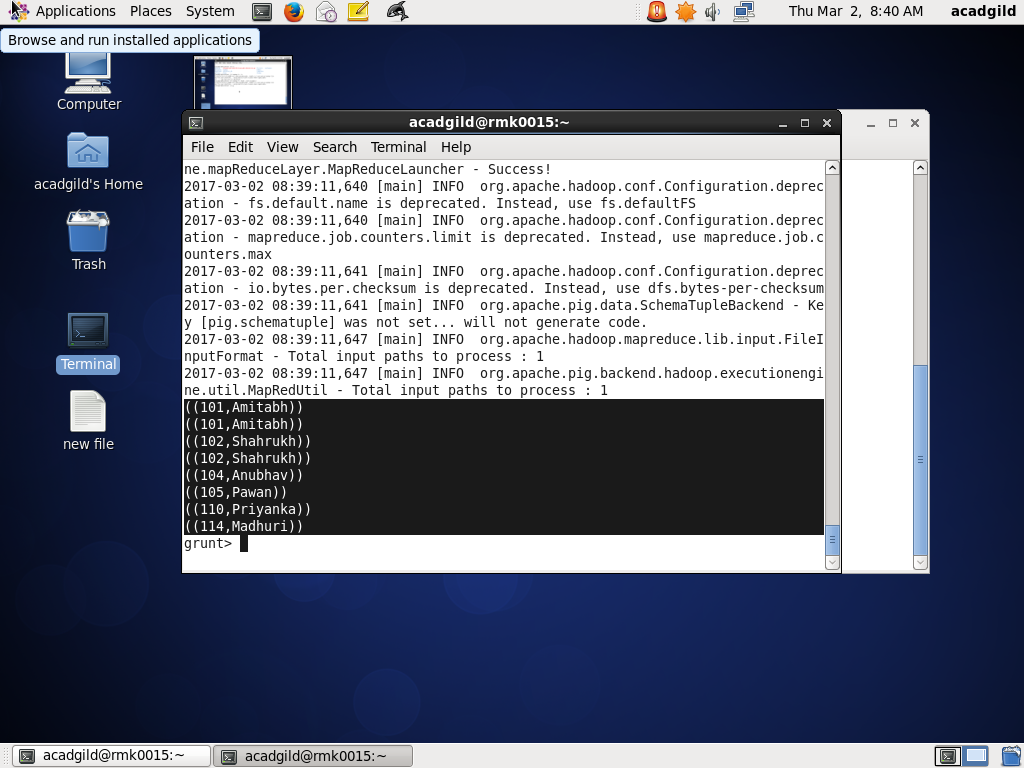
STEP 2: PERFORM SELF JOIN FOR 2 DATA SETS



STEP 3: USE FOREACH FOR DISPLAYING SNO AND NAME OF EMPLOYEES HAVING ENTRIES IN EXPENSE

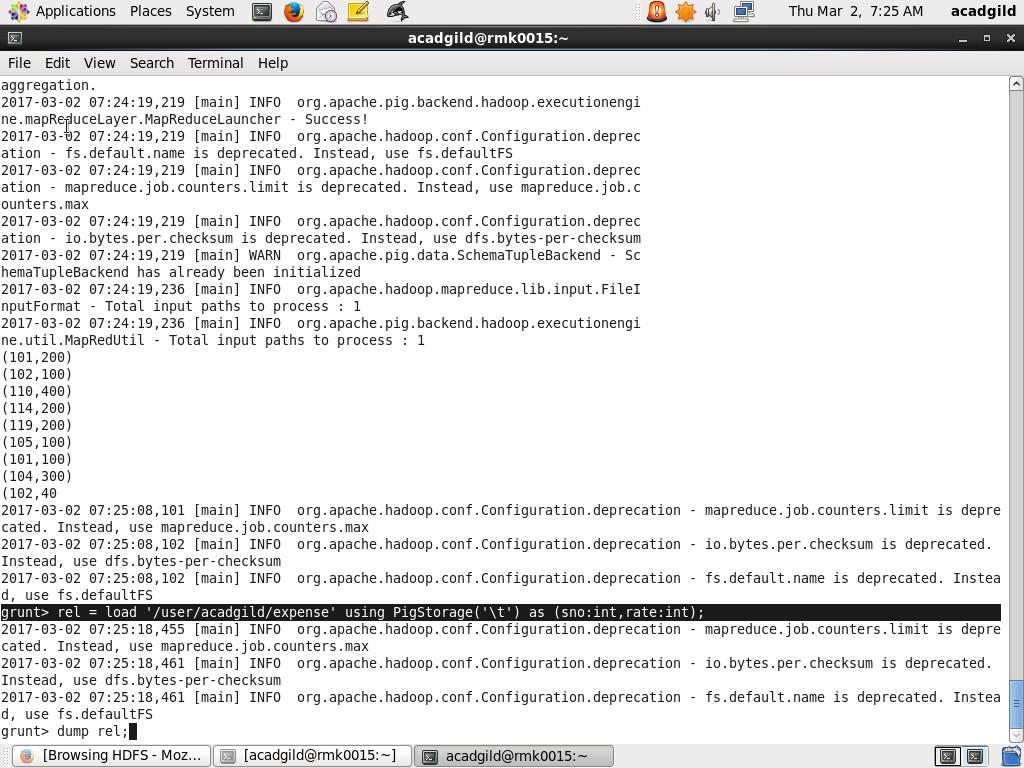


STEP 5 : OUTPUT

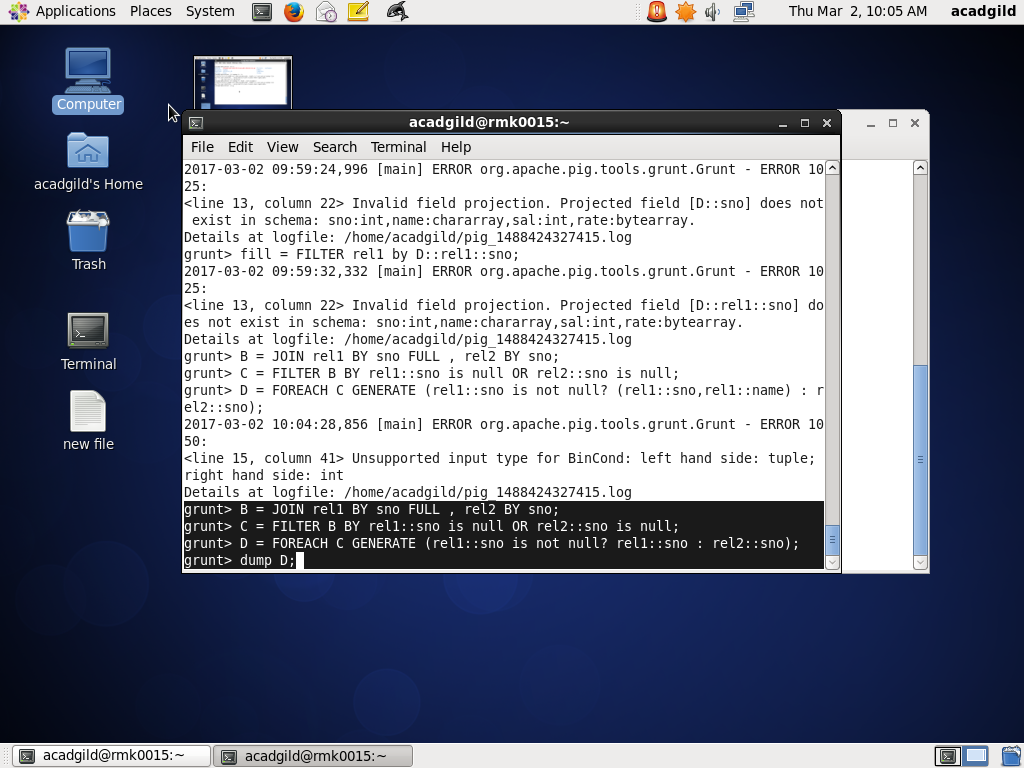


(e) List of employees (employee Id ) having no entry in employee\_expenses file.

STEP 1: LOAD THE DATASET AND REQUIRED DATA INTO IT



STEP 2: USE FULL JOIN TO GATHER DETAILS FROM 2 DATASETS , FILTER FOR “SNO” ON VERIFING ITS NULL OR NOT , FOREACH FOR PRINTING “SNO”



STEP 3: OUTPUT DISPLAYING THE “SNO” WHO HAS NO ENTERIES FOR EXPENSES

