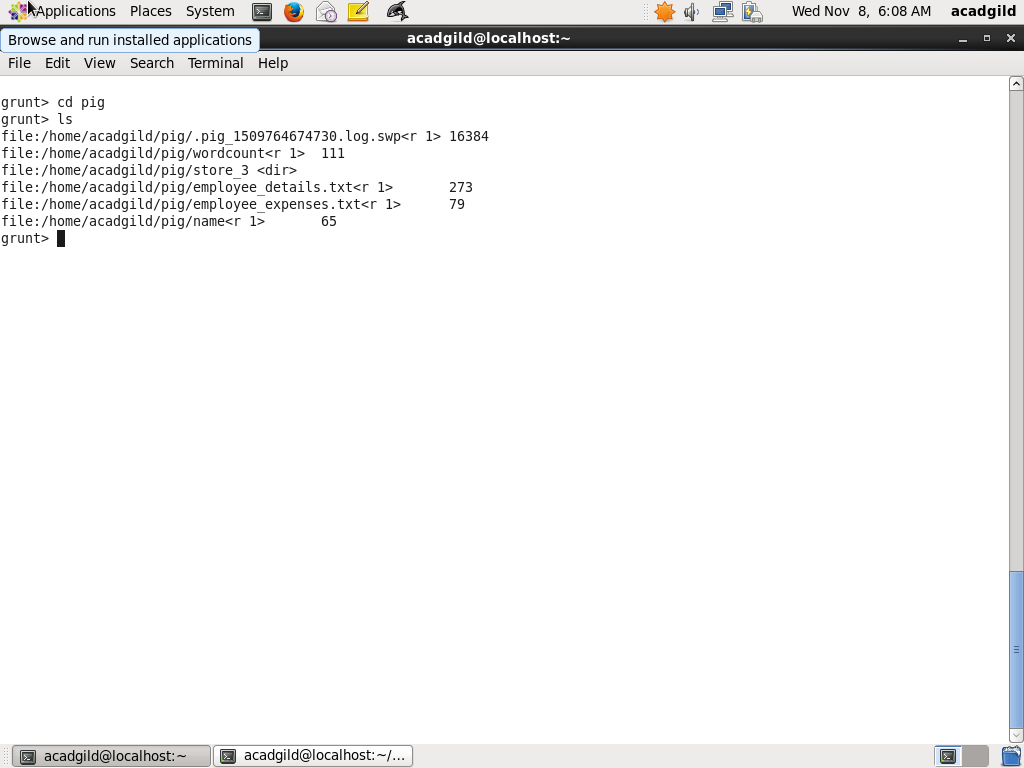
# Assignment 5.1a

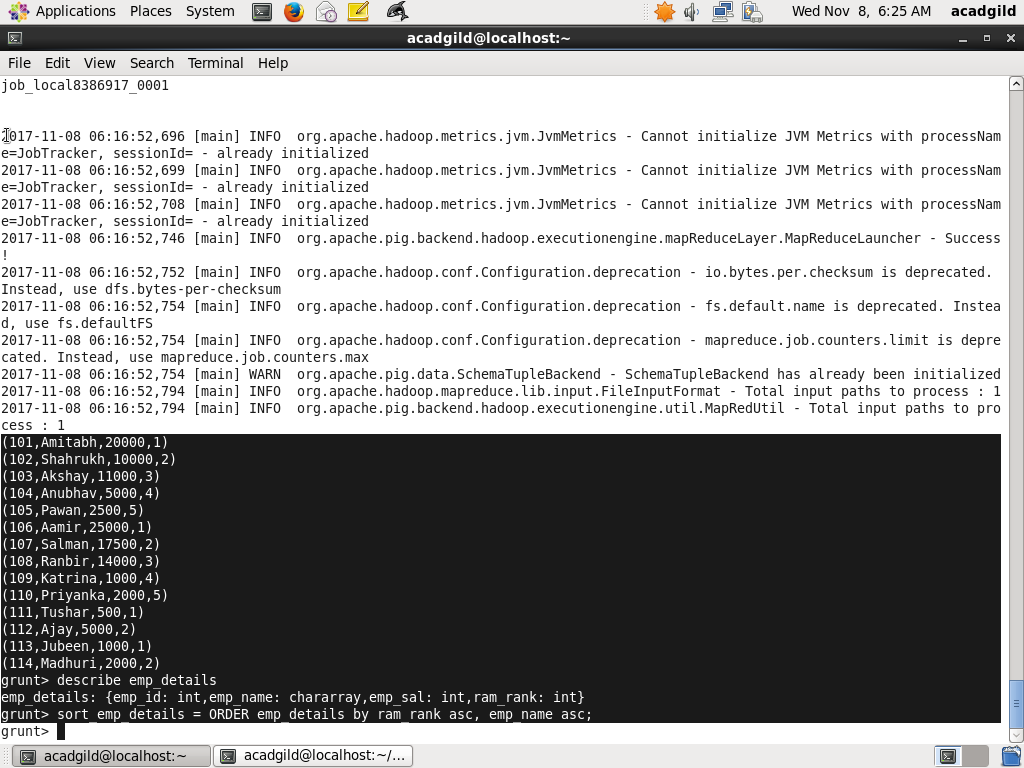
--Download files



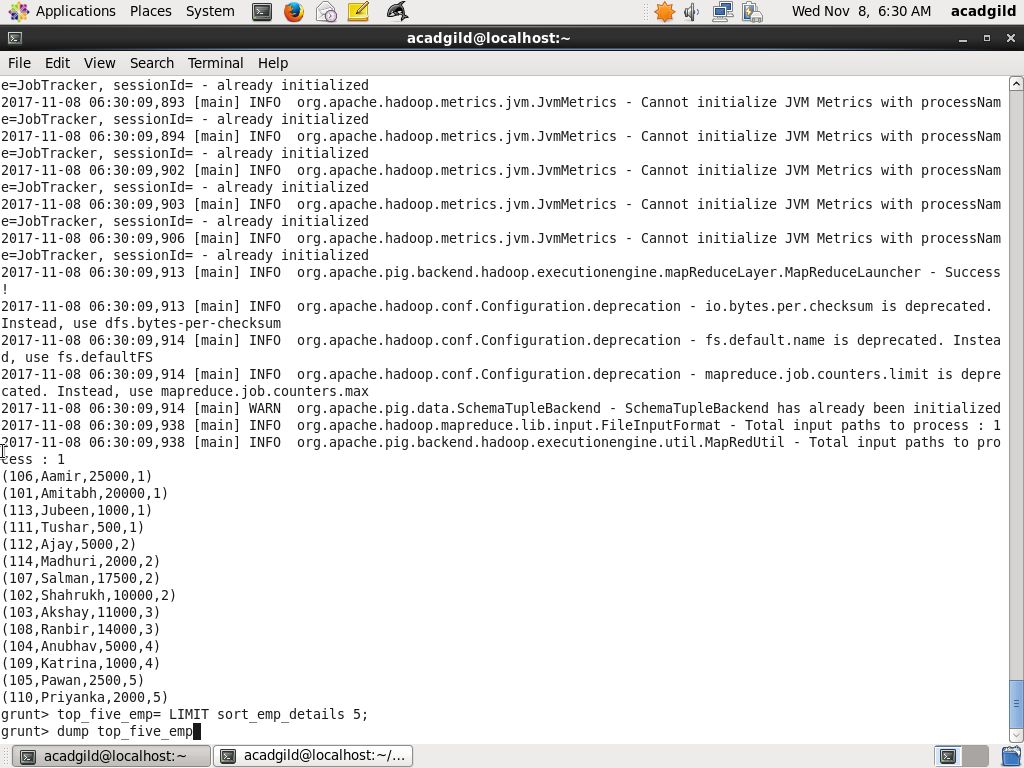
--LOAD employee\_details.txt into emp\_details

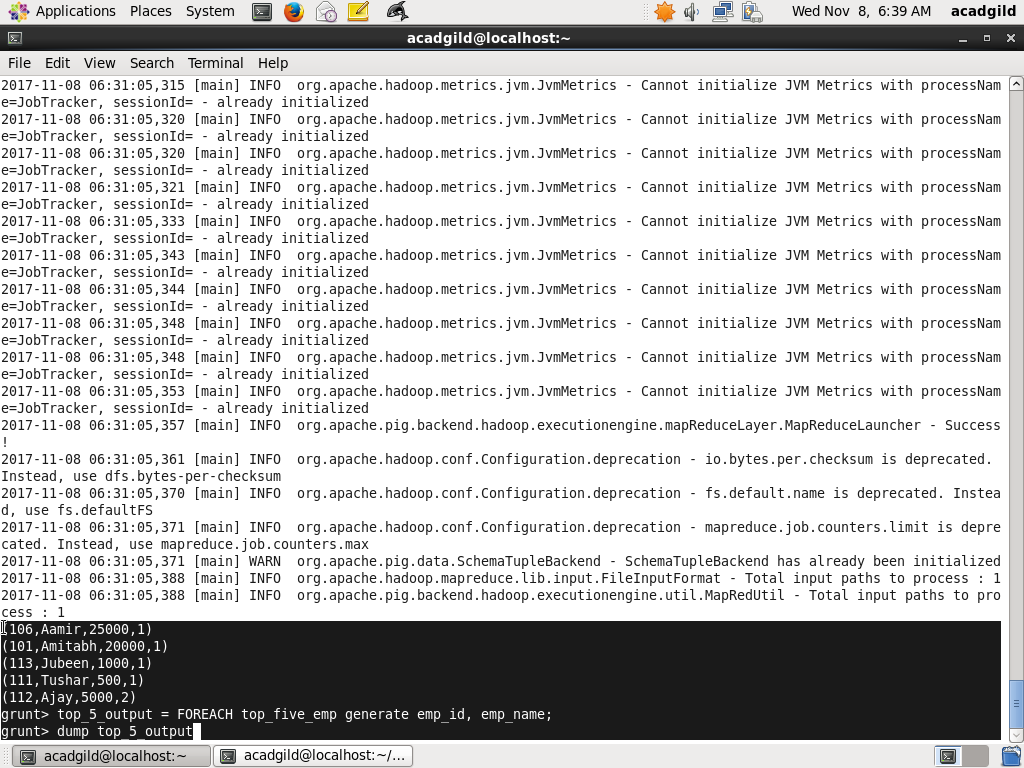
emp\_details = LOAD 'employee\_details.txt' USING PigStorage(',') AS (emp\_id:int, emp\_name:chararray, emp\_salary:int, ram\_rank:int);

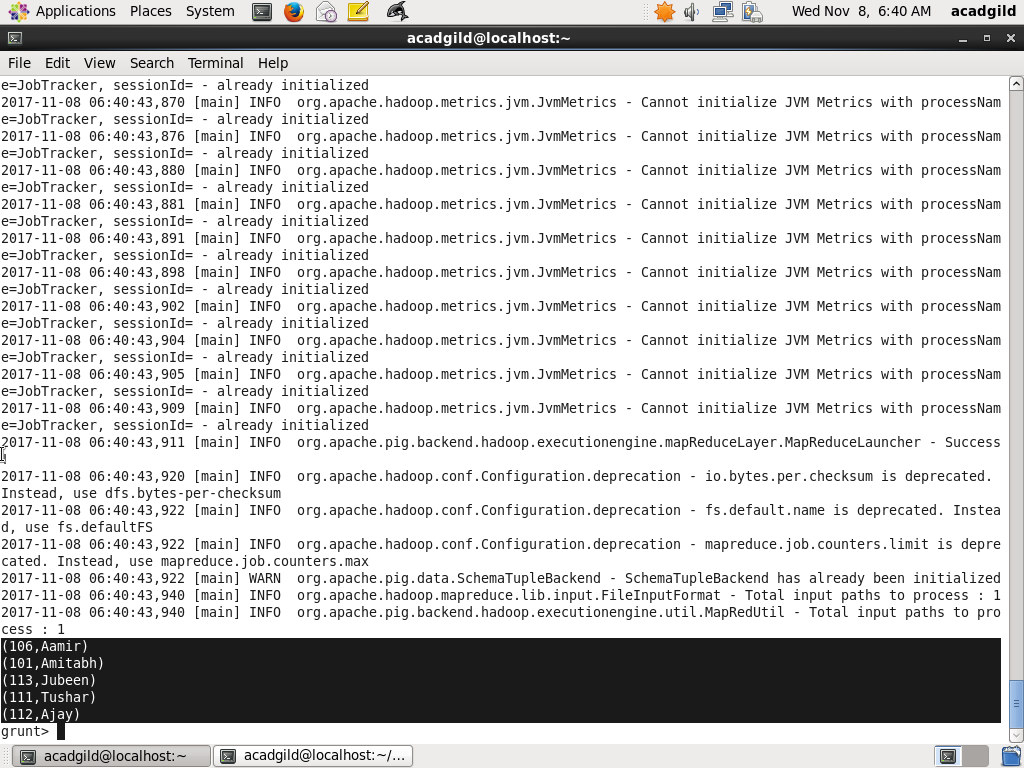
-- SORT emp\_details on Rank and name using ORDER



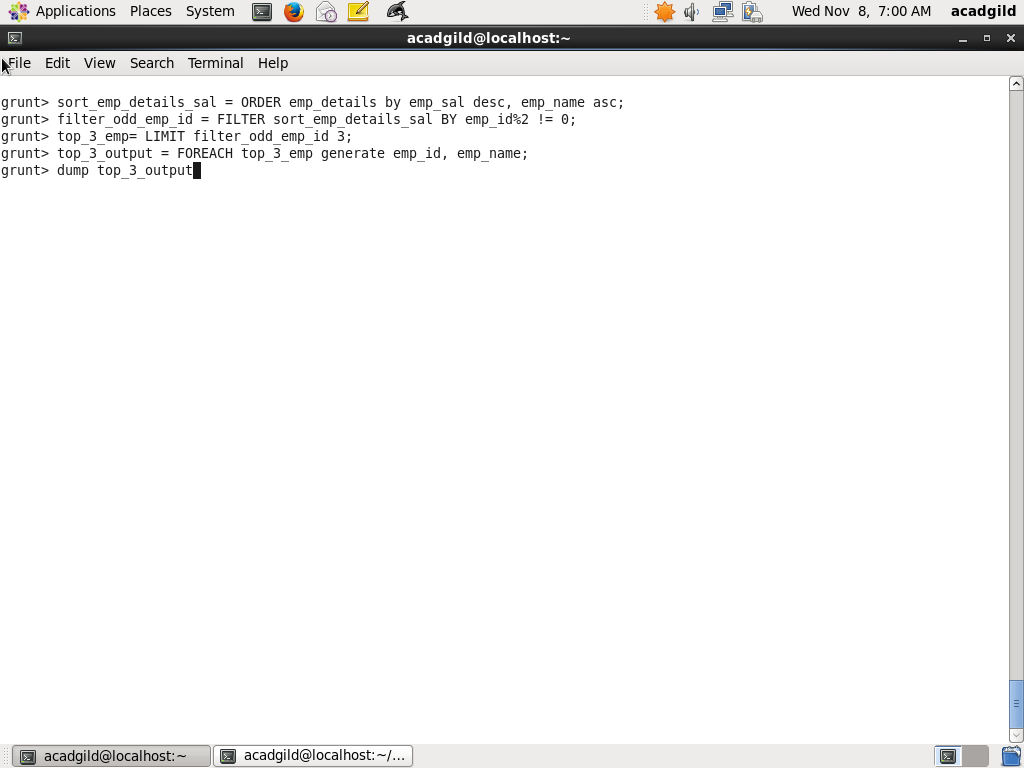
-- LIMT to top 5 and choose only name and id from each tupple

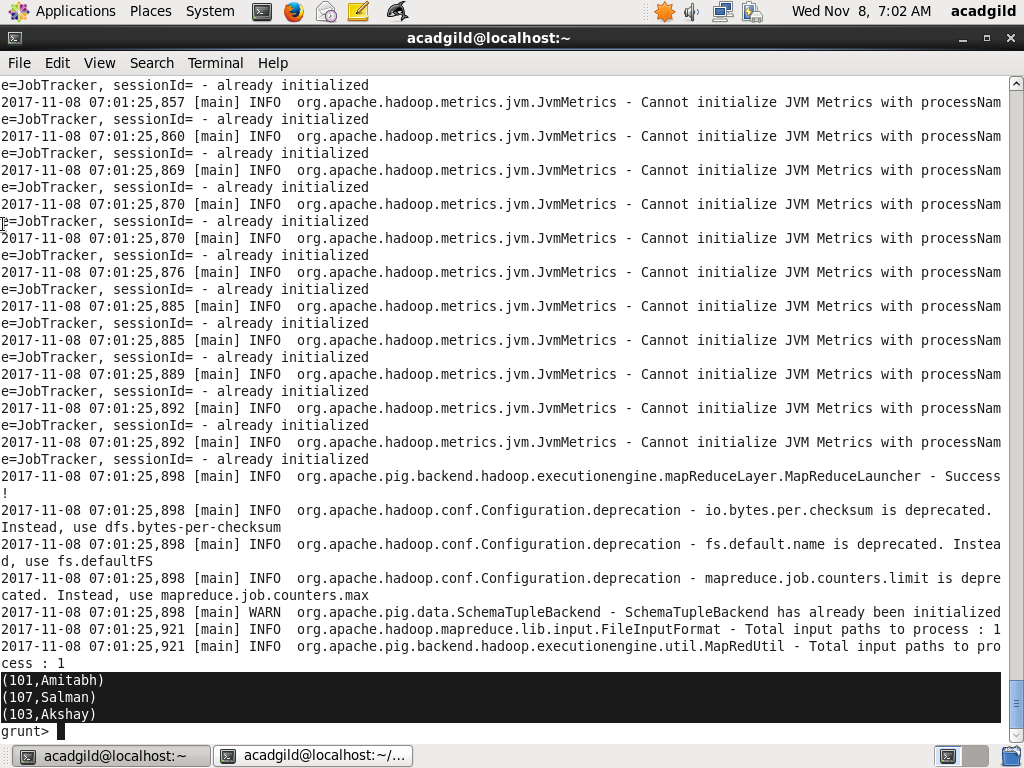






# Assignment 5.1b



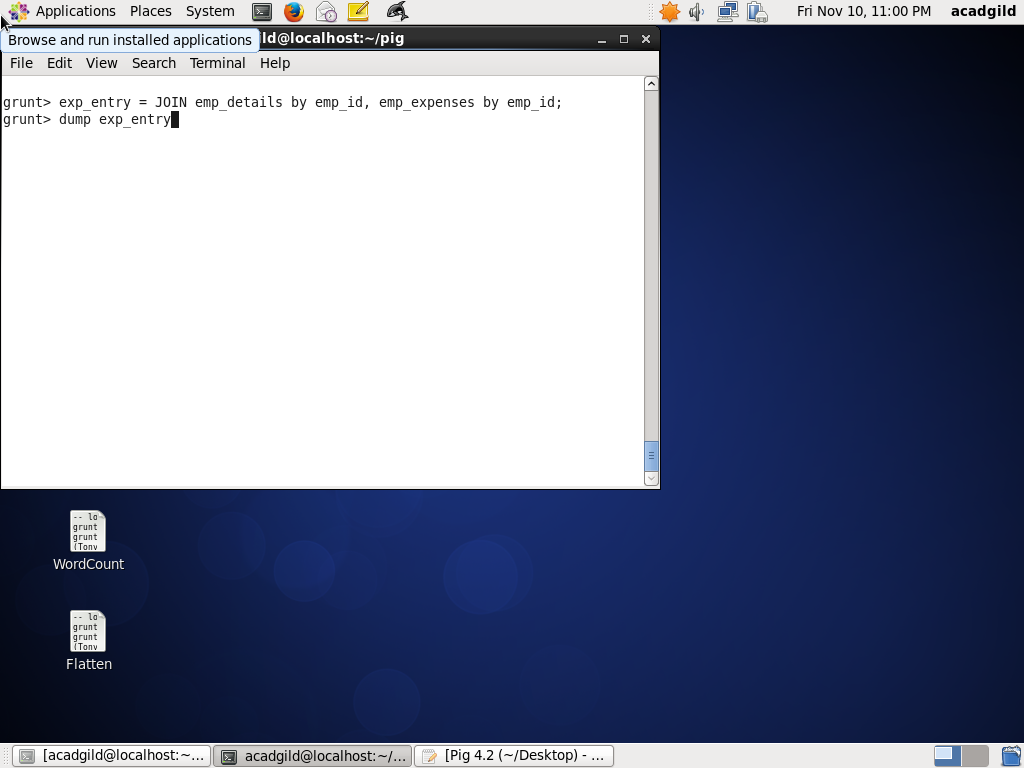


# Assignment 5.1c

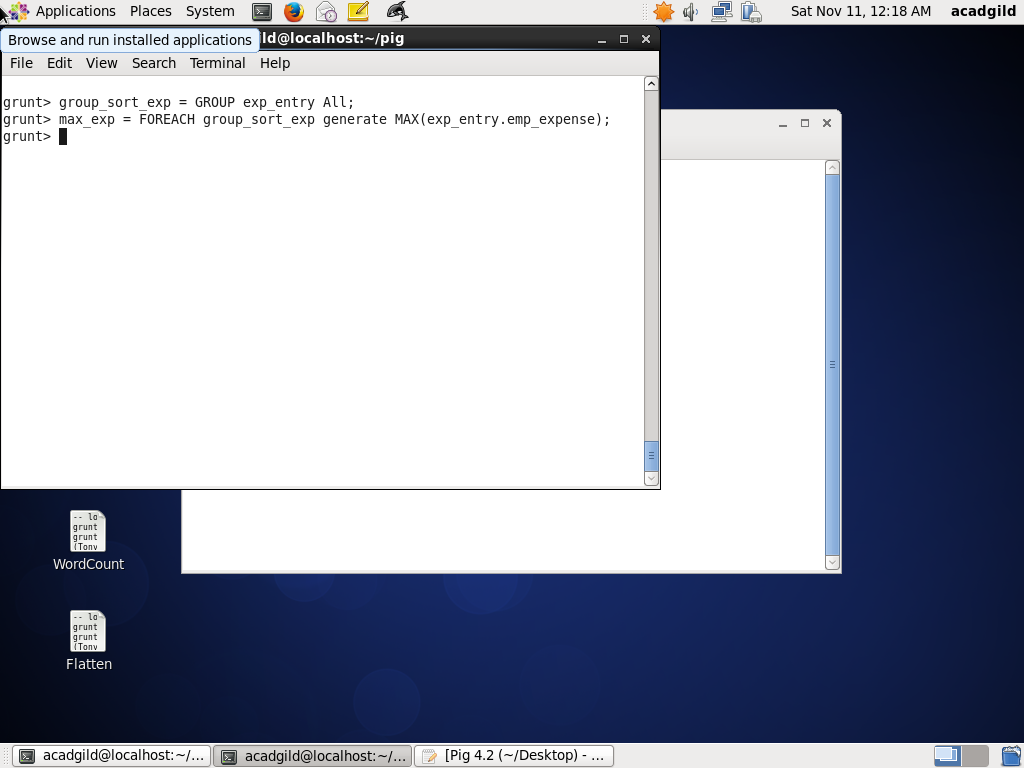
-- LOAD employee expenses

emp\_expenses = LOAD 'employee\_expenses.txt' AS (emp\_id:int, emp\_expense:int);

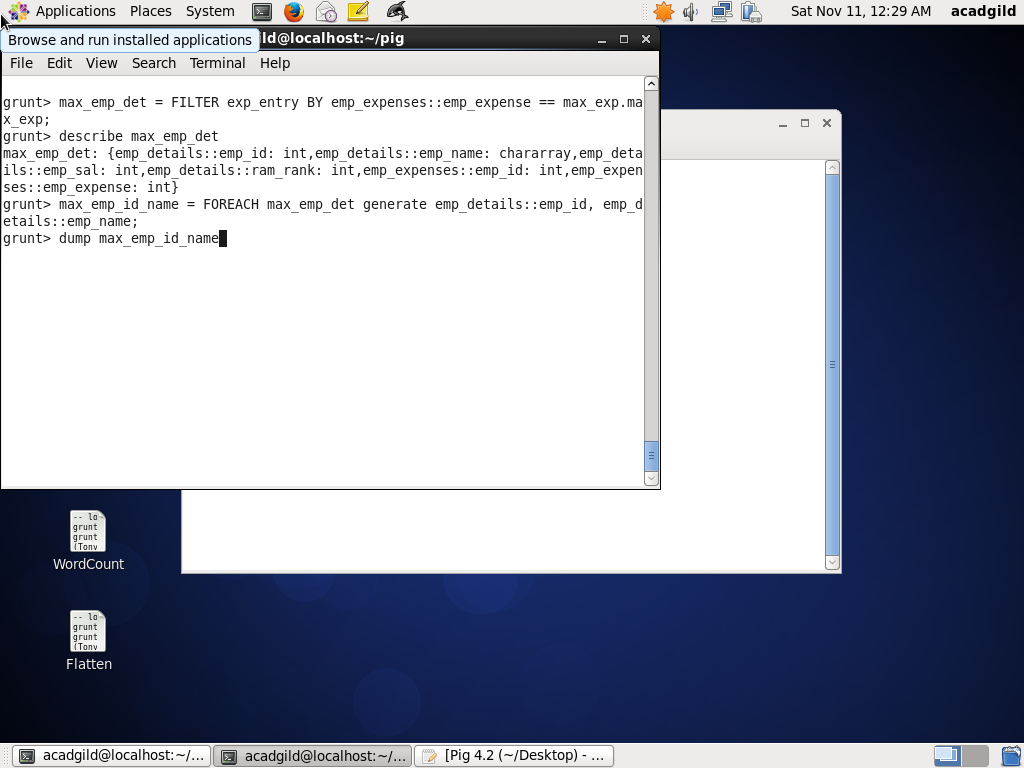
-- JOIN expense with details on id

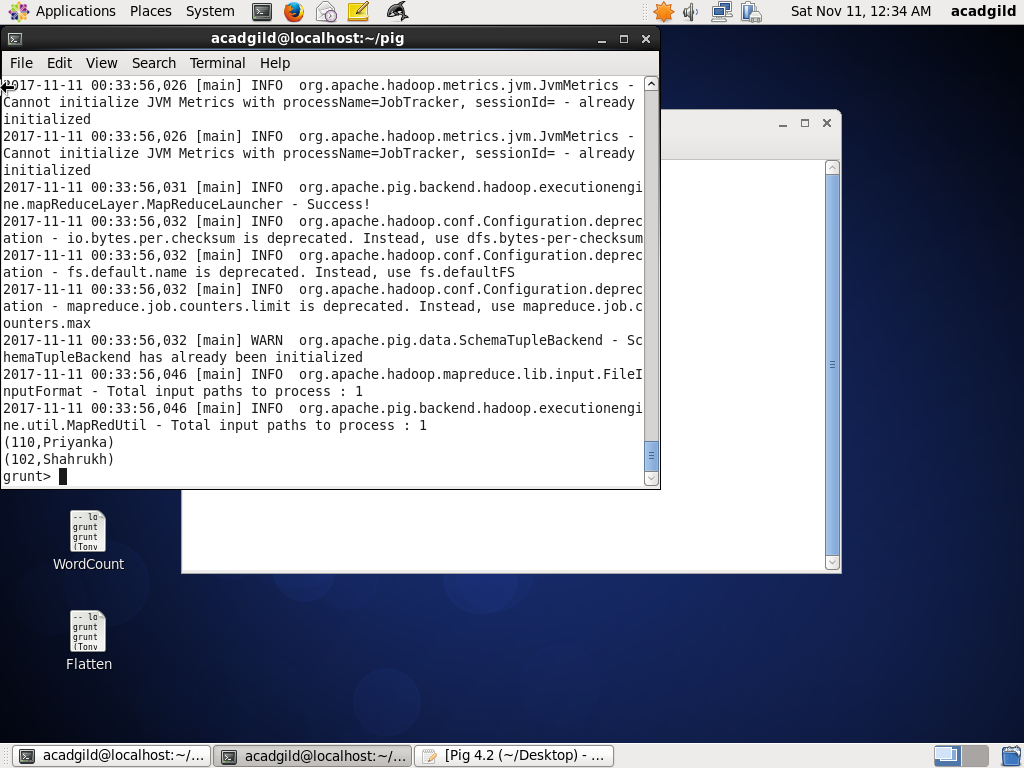
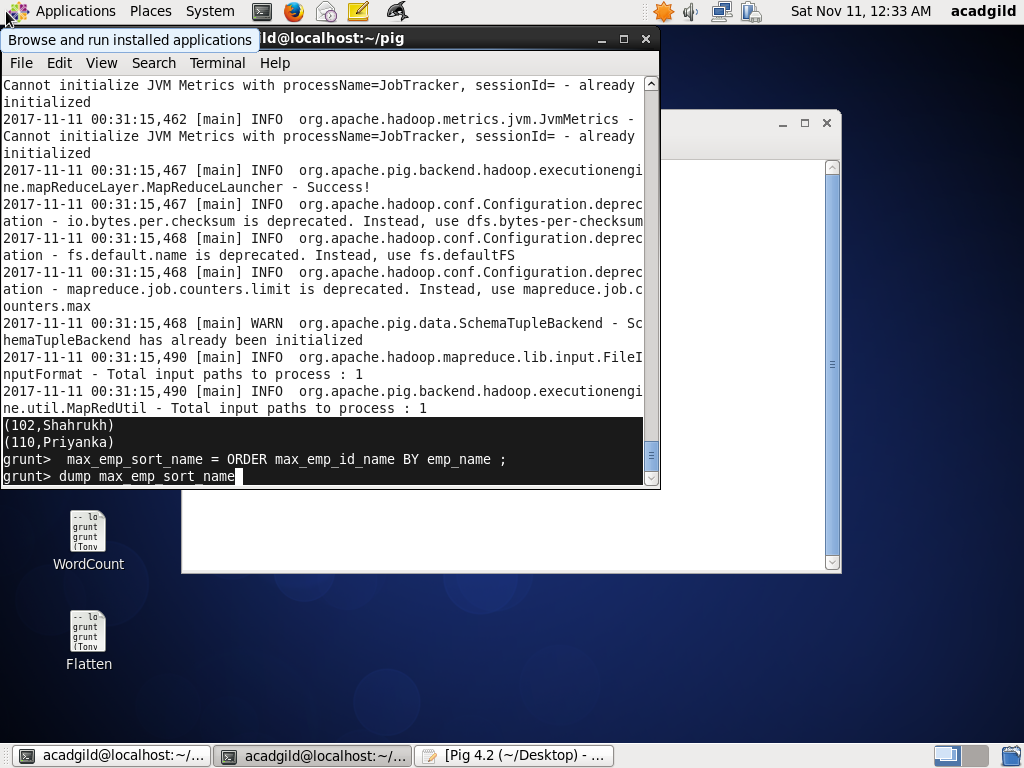


-- Get Maximum expense

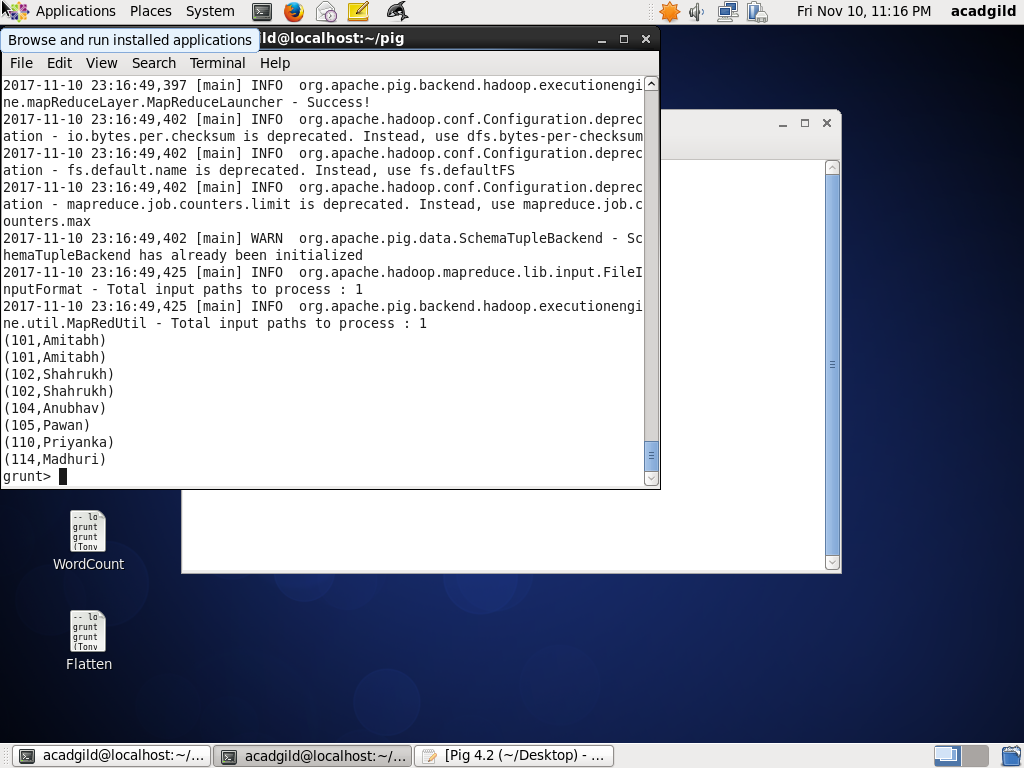
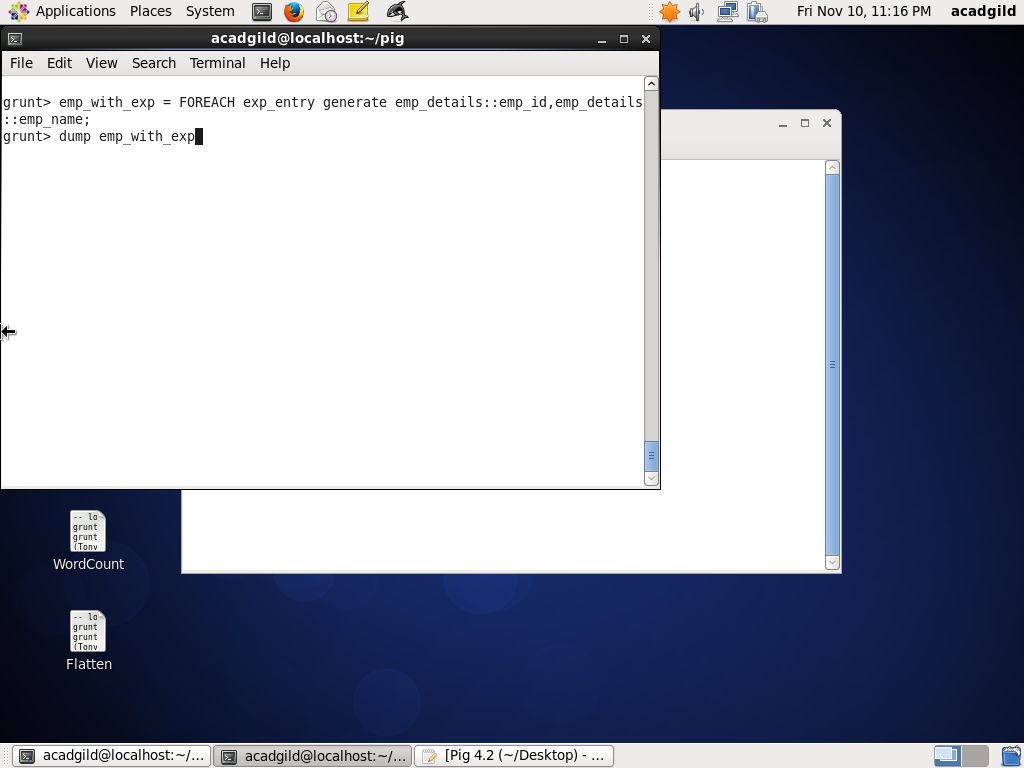


-- FILTER employees with maximum expense





# Assignment 5.1d

-- reference id and name in a FOREACH after a JOIN

# Assignment 5.e

-- Do a LEFT OUTER JOIN between emp\_details and emp\_expenses

exp\_entry\_left = JOIN emp\_details by emp\_id LEFT, emp\_expenses by emp\_id;

-- FILTER employees with no expenses

emp\_no\_exp = FILTER exp\_entry\_left = FILTER BY emp\_expenses::emp\_id IS NULL;

