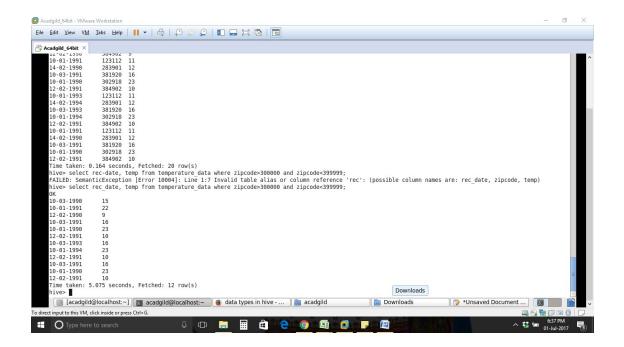
Assignment 14.2

Problem Statement

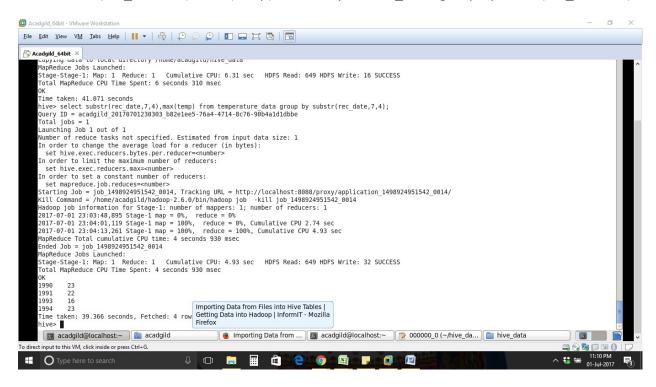
Fetch date and temperature from temperature_data where zip code is greater than 300000 and less than 399999.

Select rec date, temp from temperature data where zipcoe>300000 and zipcode<399999;



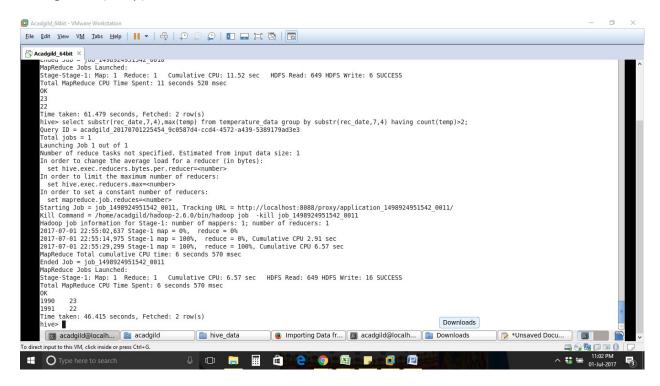
Calculate maximum temperature corresponding to every year from temperature data table.

Select substr(rec_date,7,4), max(temp) from temperature_data group by substr(rec_date,7,4);



Calculate maximum temperature from temperature_data table corresponding to those years which have at least 2 entries in the table.

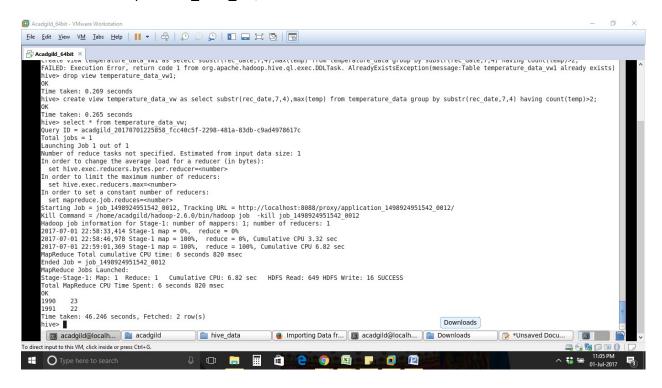
Select substr(rec_date,7,4), max(temp) from temperature_data group by substr(rec_date,7,4) having count(temp)>2;



Create a view on the top of last query, name it temperature_data_vw.

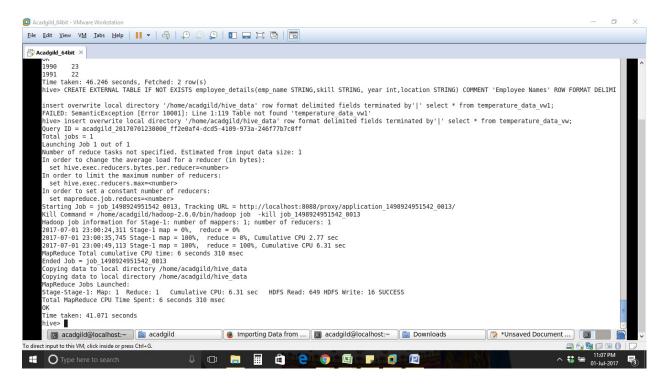
Create view temperature_data_vw as Select substr(rec_date,7,4), max(temp) from temperature_data_group by substr(rec_date,7,4) having count(temp)>2;

Select * from temperature data vw;

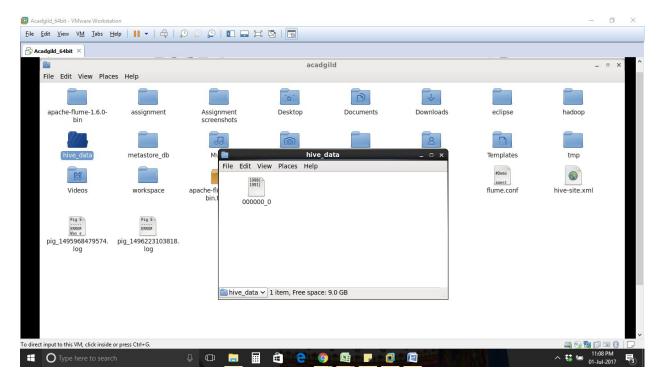


Export contents from temperature_data_vw to a file in local file system, such that each file is '|' delimited.

Insert overwrite local directory '/home/acadgild/hive_data' row format delimited fields terminated by '|' select * from temperature data vw;



The contents of view is written in local directory:



Contents of the file in which data is exported from hive, the fields are '|' separated.

