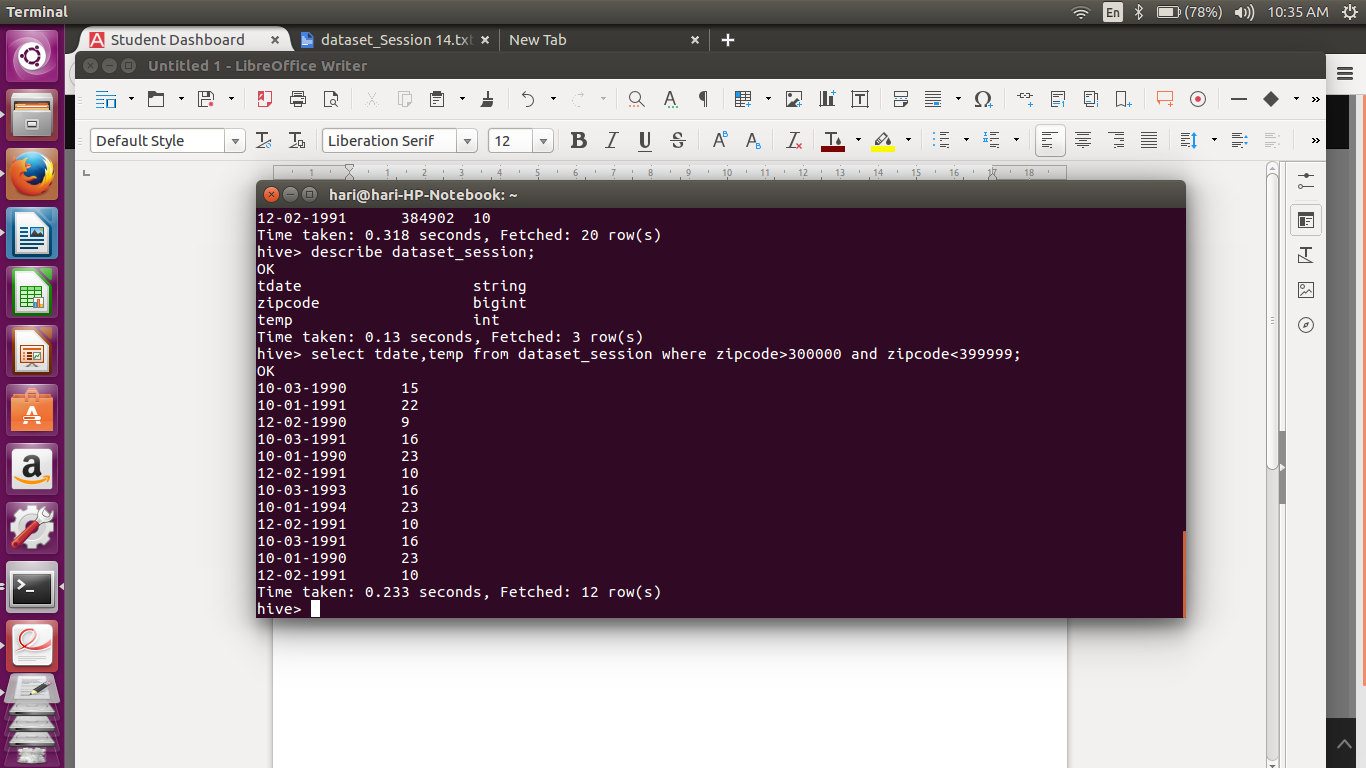
Fetch date and temperature from temperature\_data where zip code is greater than

300000 and less than 399999.



Calculate maximum temperature corresponding to every year from temperature\_data

table.

Step 1: First we have converted the dd-mm-yyyy format to unix time format yyyy-mm-dd.

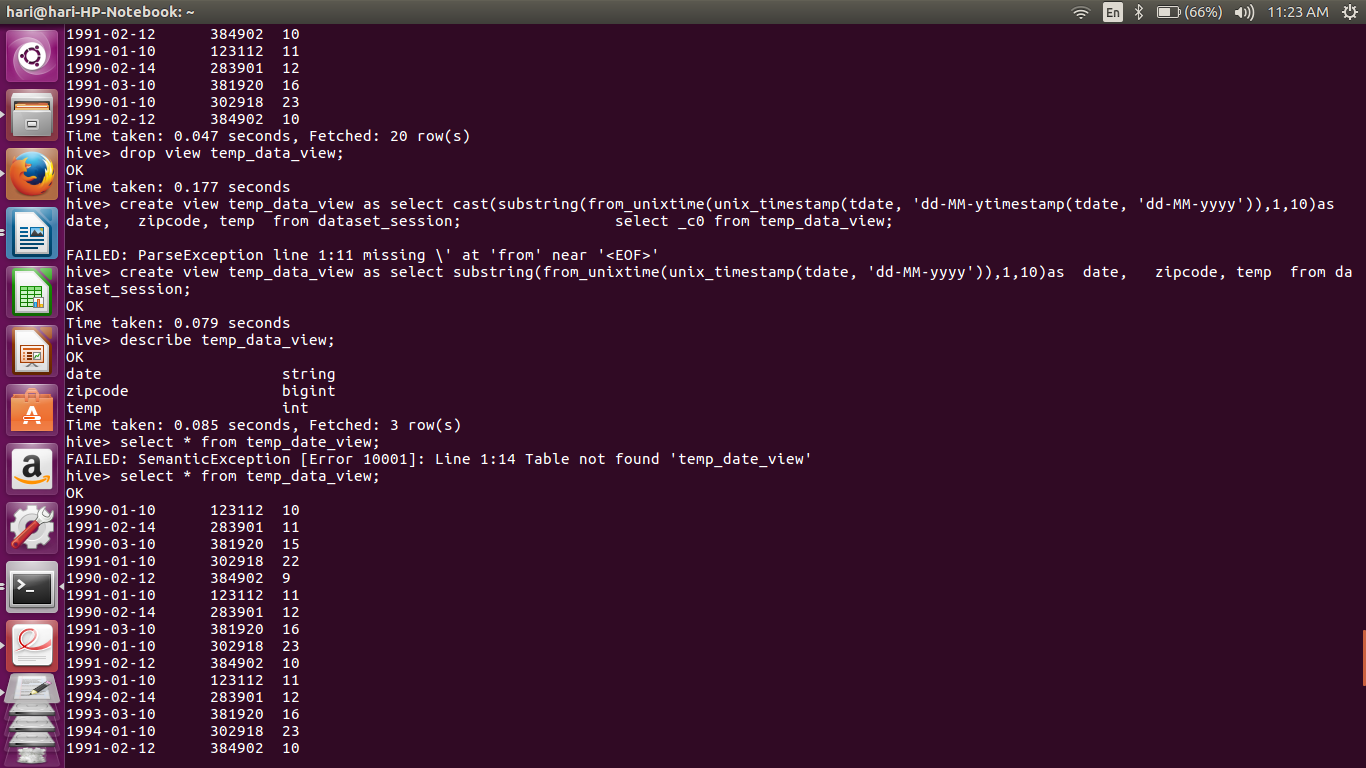
Step 2: Then using the conversion we created a view

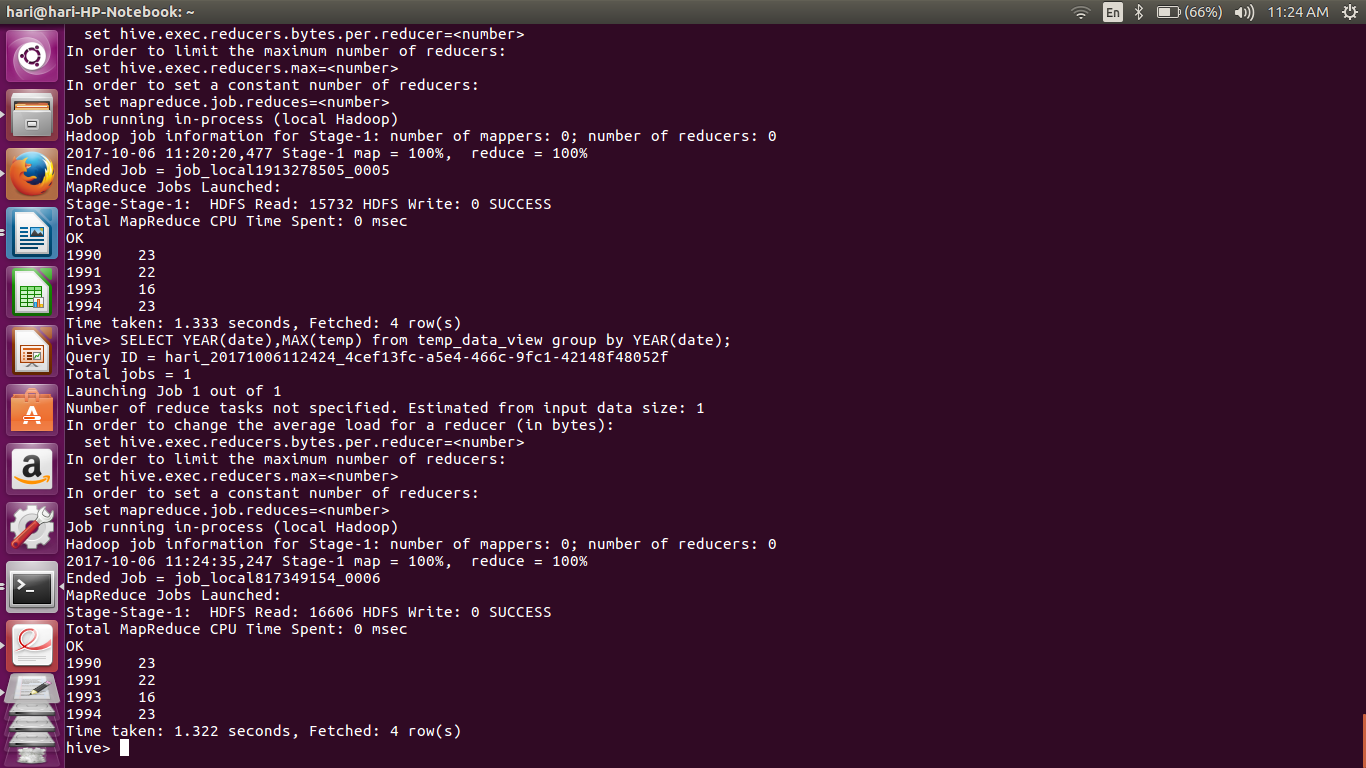
Step 3: Using the view we queired the YEAR,TEMP from the view the data.

Hive >create view temp\_data\_view as select substring(from\_unixtime(unix\_timestamp(tdate, 'dd-MM-yyyy')),1,10)as date, zipcode, temp from dataset\_session;

hive>describe temp\_data\_view;

hive> SELECT YEAR(date),MAX(temp) from temp\_data\_view group by YEAR(date);

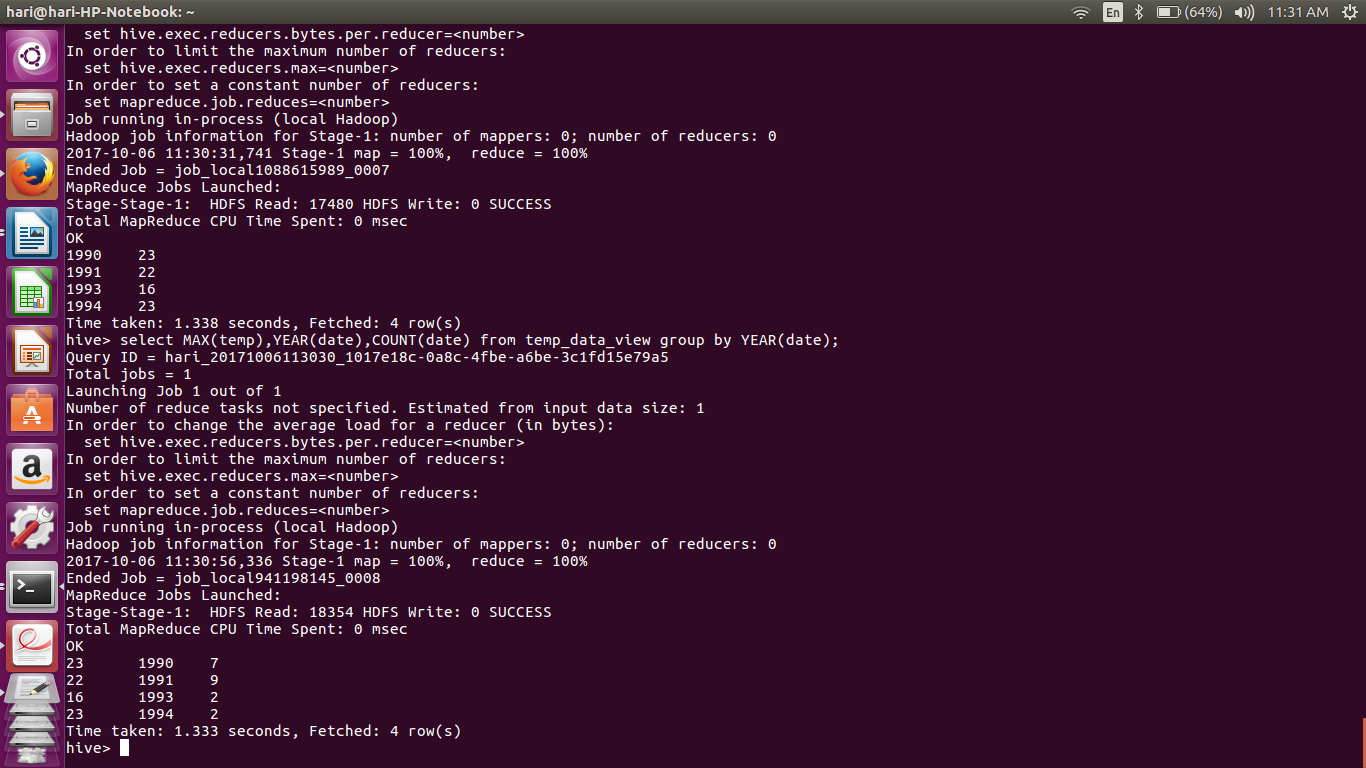




.Calculate maximum temperature from temperature\_data table corresponding to those

years which have at least 2 entries in the table.

hive>select MAX(temp),YEAR(date),COUNT(date) from temp\_data\_view group by temp\_data\_view;



.Create a view on the top of last query, name it temperature\_data\_vw.

Hive> create view temperature\_data\_vw as select date,zipcode,temp from temp\_data\_view;

