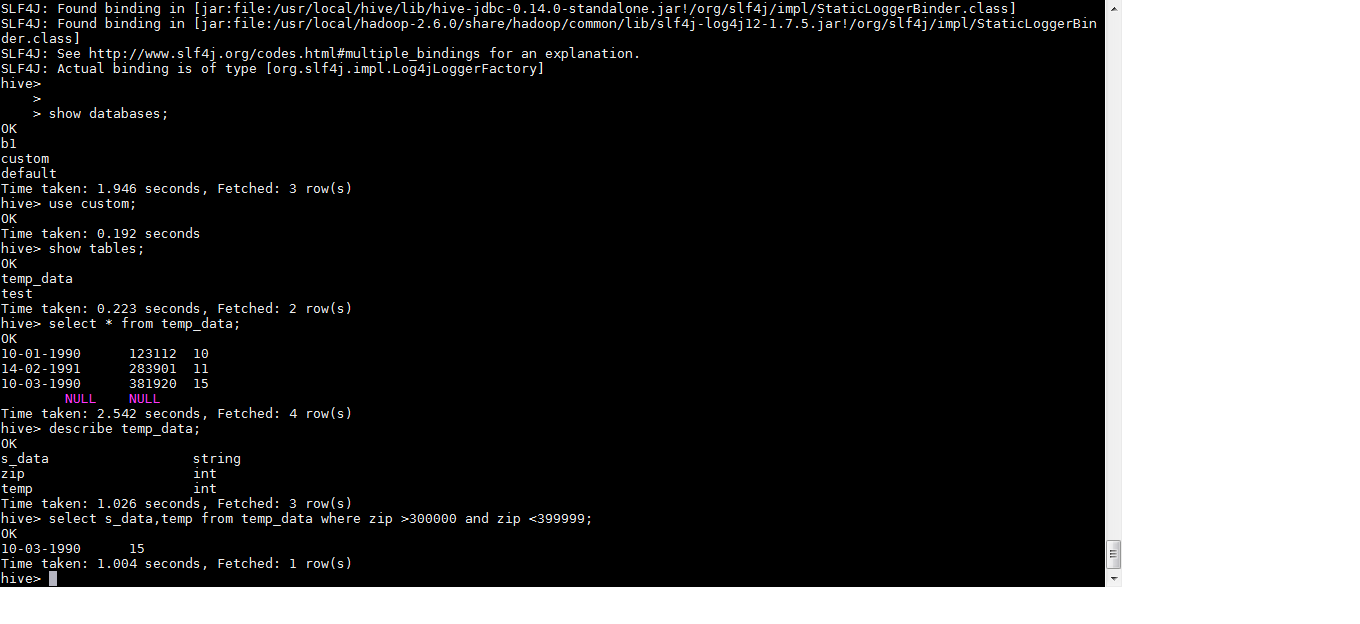
1. Fetch date and temperature from temperature\_data where zip code is greater than

300000 and less than 399999.

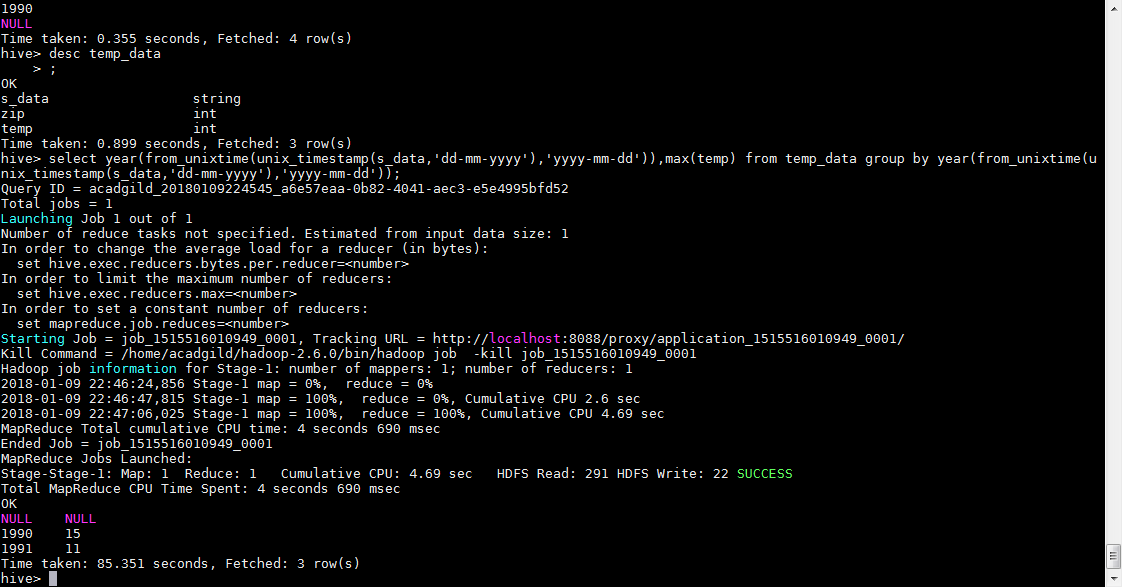
Query : select s\_data,temp from temp\_data where zip >300000 and zip <399999;



1. Calculate maximum temperature corresponding to every year from temperature\_data

table.

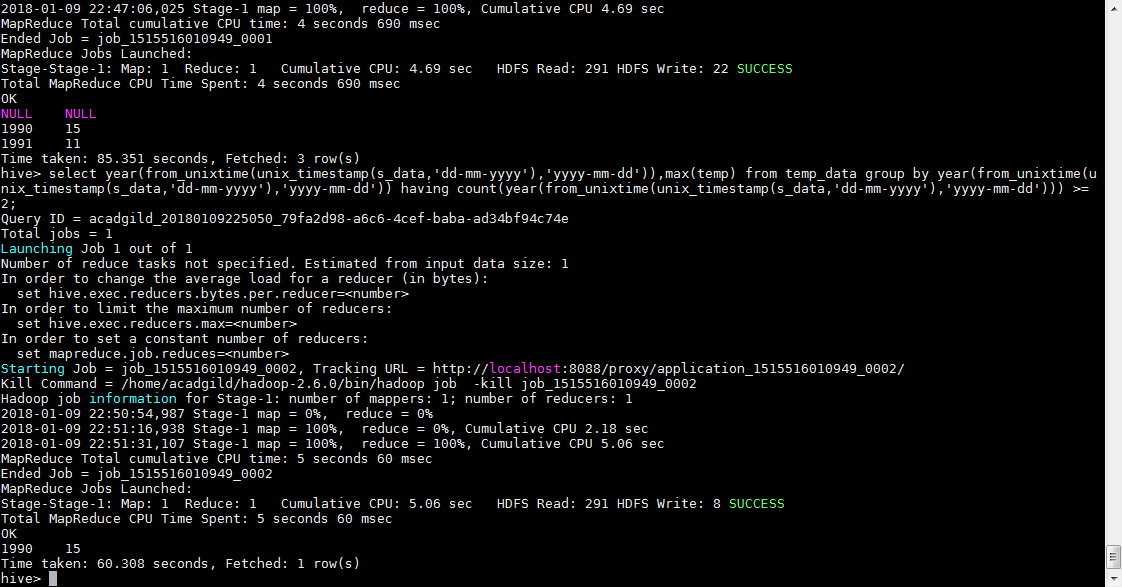
Query : select year(from\_unixtime(unix\_timestamp(s\_data,'dd-mm-yyyy'),'yyyy-mm-dd')),max(temp) from temp\_data group by year(from\_unixtime(unix\_timestamp(s\_data,'dd-mm-yyyy'),'yyyy-mm-dd'));



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

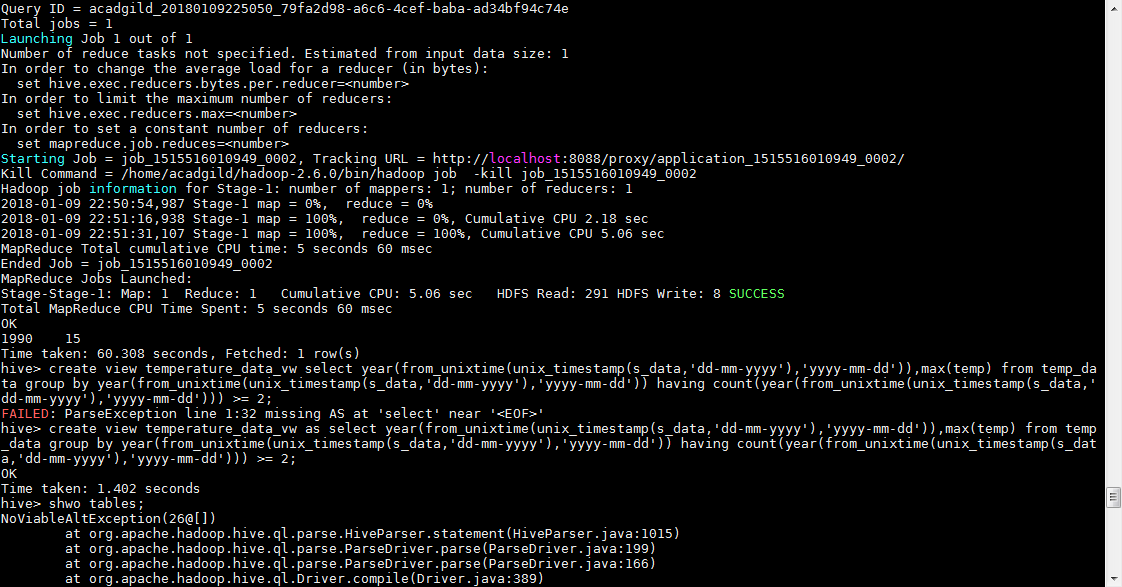
years which have at least 2 entries in the table.

: select year(from\_unixtime(unix\_timestamp(s\_data,'dd-mm-yyyy'),'yyyy-mm-dd')),max(temp) from temp\_data group by year(from\_unixtime(unix\_timestamp(s\_data,'dd-mm-yyyy'),'yyyy-mm-dd')) having count(year(from\_unixtime(unix\_timestamp(s\_data,'dd-mm-yyyy'),'yyyy-mm-dd'))) >= 2;



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

create view temperature\_data\_vw select year(from\_unixtime(unix\_timestamp(s\_data,'dd-mm-yyyy'),'yyyy-mm-dd')),max(temp) from temp\_data group by year(from\_unixtime(unix\_timestamp(s\_data,'dd-mm-yyyy'),'yyyy-mm-dd')) having count(year(from\_unixtime(unix\_timestamp(s\_data,'dd-mm-yyyy'),'yyyy-mm-dd'))) >= 2;



1. Export contents from temperature\_data\_vw to a file in local file system, such that each

file is '|' delimited.

Query : insert overwrite local directory '/home/acadgild/stage' row format delimited fields terminated by '|' select \* from temp\_data;

