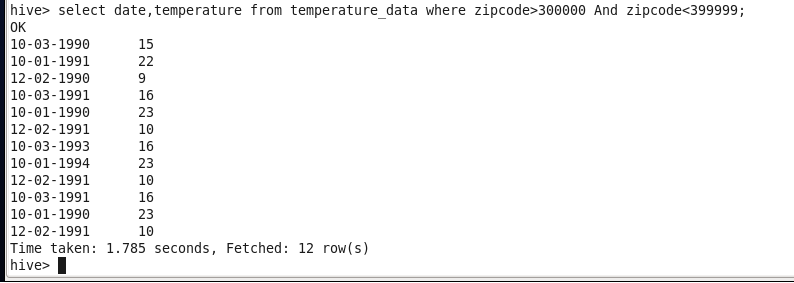
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* Fetch date and temperature from temperature\_data where zip code is greater than 300000 and less than 399999.

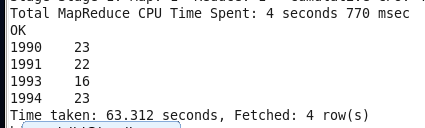
Select date,temperature from temperature\_data where zipcode>300000 And zipcode<399999;



* Calculate maximum temperature corresponding to every year from temperature\_data table.

Select year(cast\_to(date(from\_unixtime(unix\_timestamp(date,’dd-mm-yyyy’))) As date)) ,max(temperature) from

temperature\_data Group By year(cast\_to(date(from\_unixtime(unix\_timestamp(dd,’dd-mm-yyyy’))) As date));

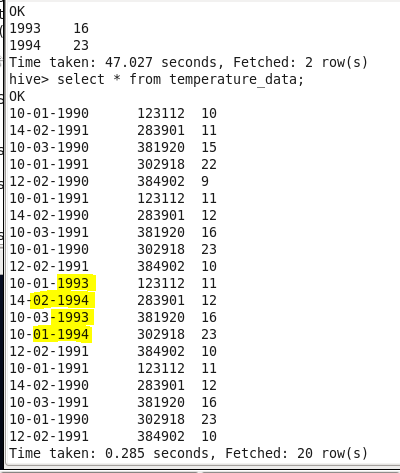


* Calculate maximum temperature from temperature\_data table corresponding to those years which have at least 2 entries in the table.

Select year(cast\_to(date(from\_unixtime(unix\_timestamp(date,’dd-mm-yyyy’))) As date)) ,max(temperature) from

temperature\_data Group By year(cast\_to(date(from\_unixtime(unix\_timestamp(dd,’dd-mm-yyyy’))) As date)) Having

Count(year(cast\_to(date(from\_unixtime(unix\_timestamp(date,’dd-mm-yyyy’))) As date)))=2;

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

Create view temperature\_data\_vw As

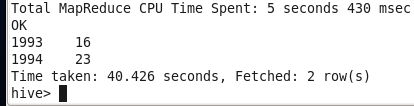
Select year(cast\_to(date(from\_unixtime(unix\_timestamp(date,’dd-mm-yyyy’))) As date)) ,max(temperature) from

temperature\_data Group By year(cast\_to(date(from\_unixtime(unix\_timestamp(dd,’dd-mm-yyyy’))) As date)) Having

Count(year(cast\_to(date(from\_unixtime(unix\_timestamp(date,’dd-mm-yyyy’))) As date)))=2;

To view the result as view will not display the data;

Select \* from temperature\_data\_vw;

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* 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/hiveoutput5’ ROW FORMAT DELIMITED FIELDS TERMINATED BY ‘|’

Select \* from temperature\_data;

