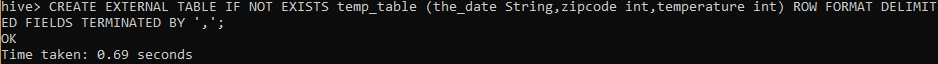
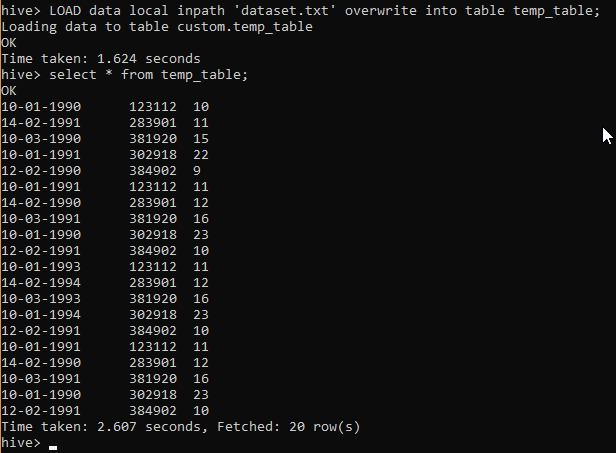
**Assignment 2.8**

**HIVE**

Creating temporary table



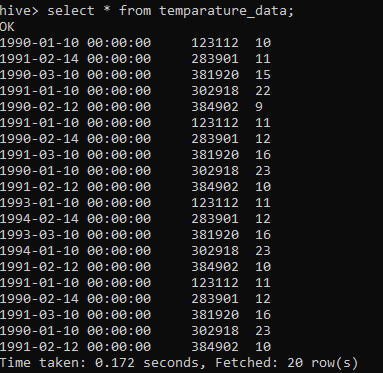


Creating the actual table



Inserting data after converting to correct date format

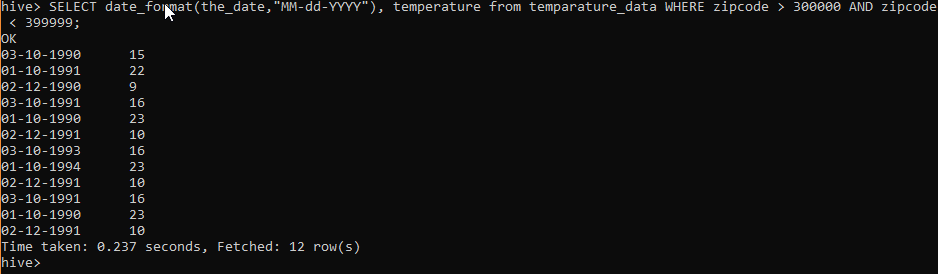




**Problem Statement**

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

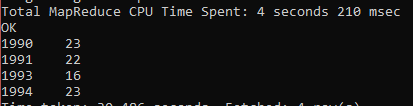
SELECT date\_format(the\_date,"MM-dd-YYYY"), temperature from temparature\_data WHERE zipcode > 300000 AND zipcode < 399999;

****

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

SELECT year(the\_date) as the\_year, MAX(temperature) from temparature\_data GROUP BY year(the\_date);

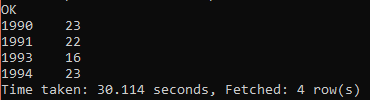




1. **Calculate maximum temperature from temperature\_data table corresponding to those years which have at least 2 entries in the table.**

SELECT year(the\_date) as the\_year,MAX(temperature) as max\_temp FROM temparature\_data GROUP BY year(the\_date) HAVING COUNT(year(the\_date)) >= 2;



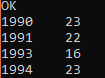
****

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

CREATE VIEW temperature\_data\_vw AS SELECT year(the\_date) as the\_year,MAX(temperature) as max\_temp FROM temparature\_data GROUP BY year(the\_date) HAVING COUNT(year(the\_date)) >= 2;







1. **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/temperature\_data\_vw.txt' ROW FORMAT DELIMITED FIELDS TERMINATED BY '|' SELECT \* FROM temperature\_data\_vw;



