**Assignment 6.2**

**Associated Data Files**

<https://drive.google.com/file/d/0Bxr27gVaXO5sa0JBamZXdkpYUFk/view?usp=sharing>

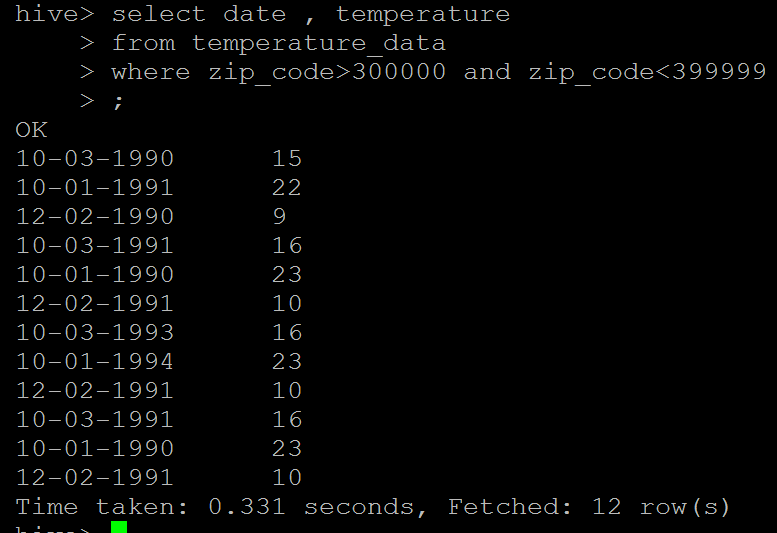
**Problem Statement:**

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

select date , temperature

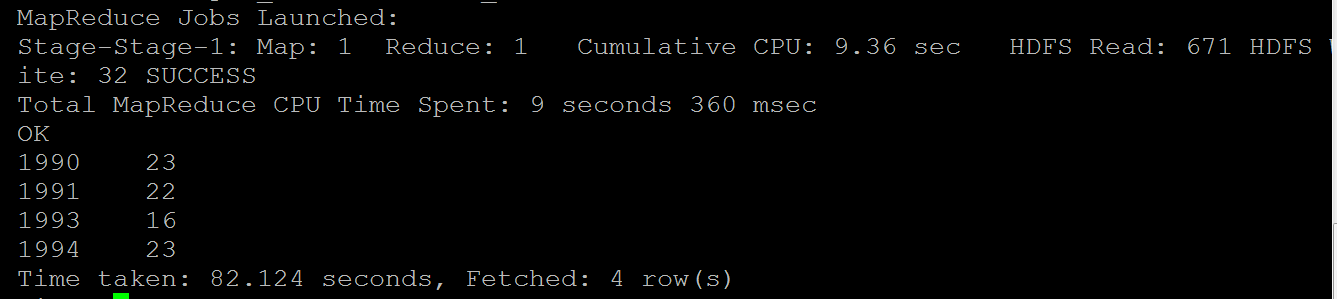
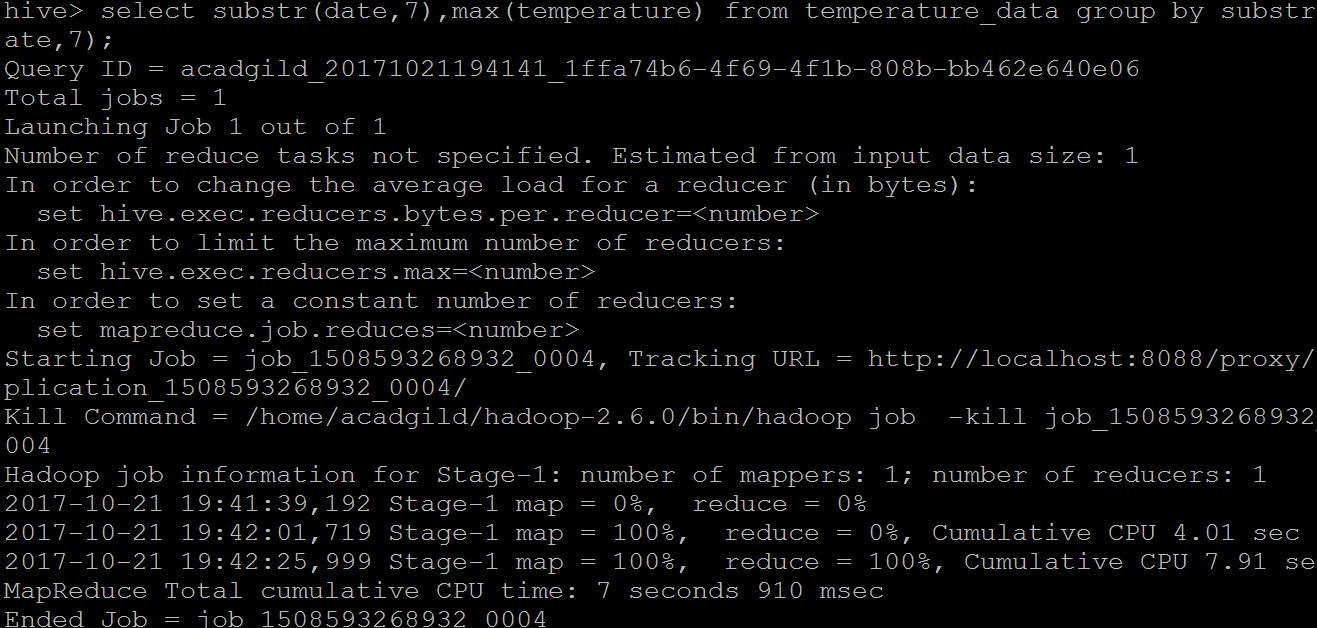
from temperature\_data

where zip\_code>300000 and zip\_code<399999



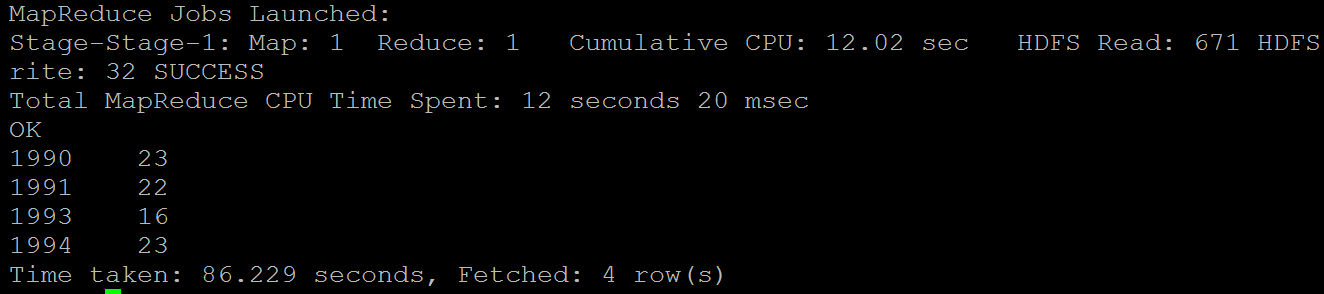
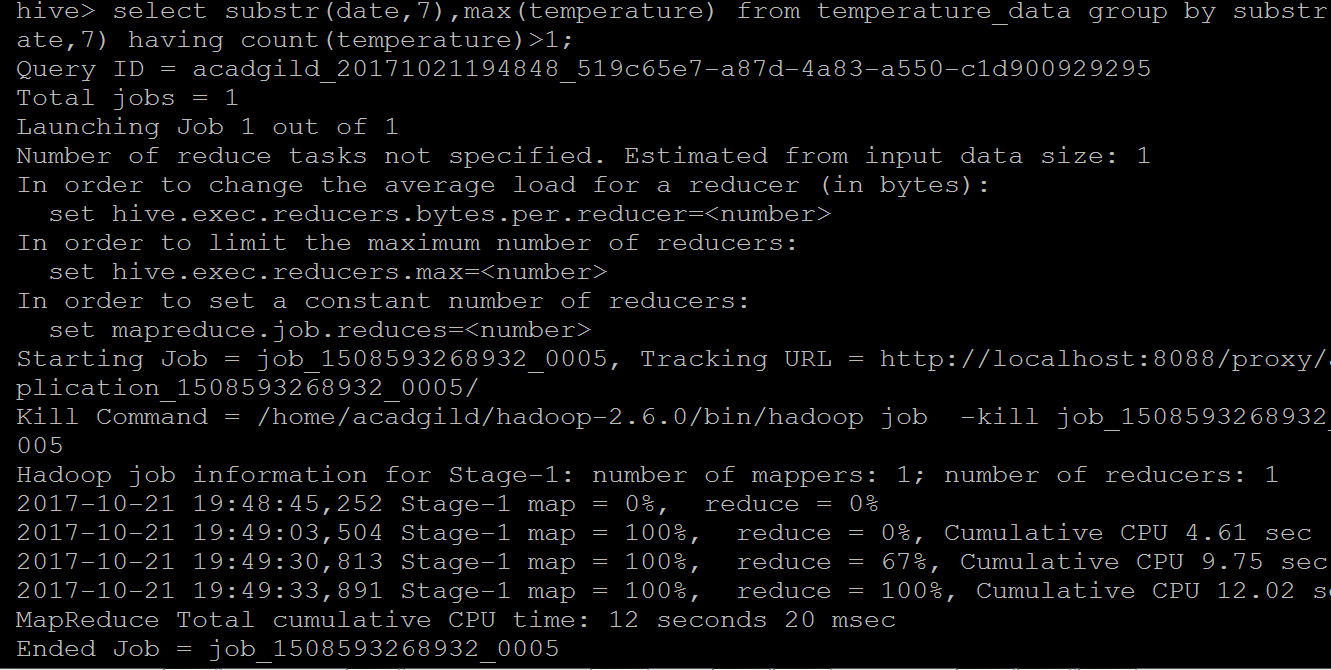
* Calculate maximum temperature corresponding to every year from temperature\_data table.

select substr(date,7),max(temperature) from temperature\_data group by substr(date,7);



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

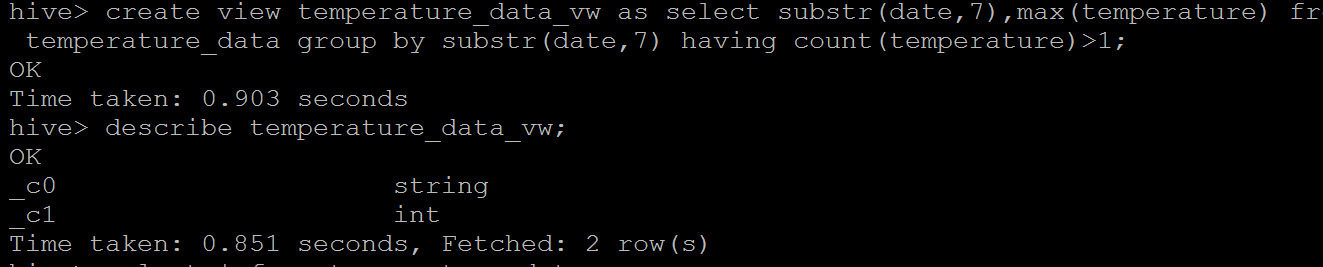
select substr(date,7),max(temperature) from temperature\_data group by substr(date,7) having count(temperature)>1;



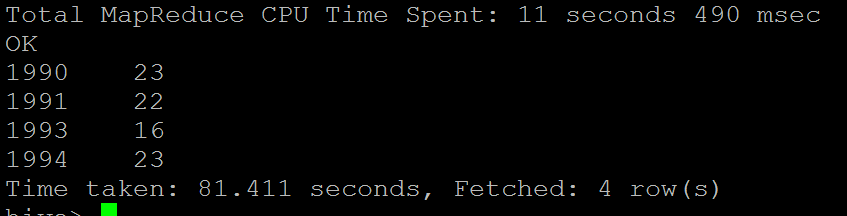
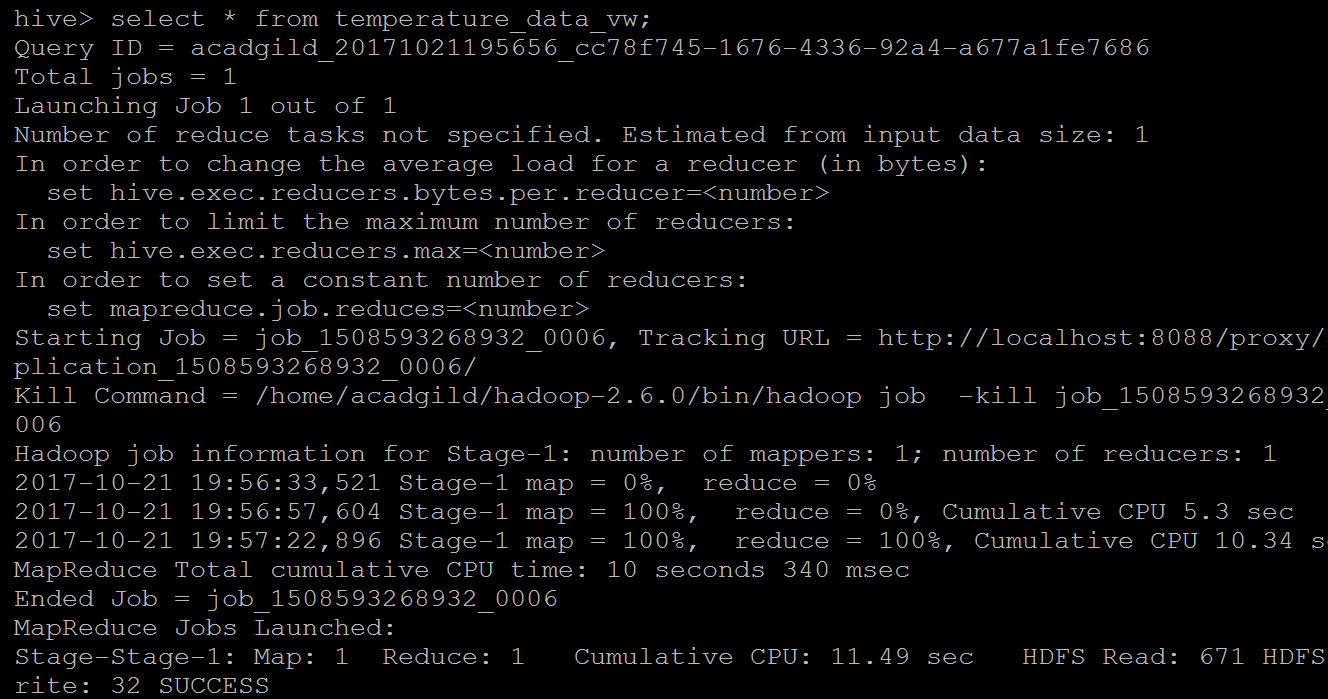
* Create a view on the top of last query, name it temperature\_data\_vw.

create view temperature\_data\_vw select substr(date,7),max(temperature) from

temperature\_data group by substr(date,7) having count(temperature)>1;



**verification**



* Export contents from temperature\_data\_vw to a file in local file system, such that each file is '|' delimited.

insert overwrite local directory 'hive\_temperature\_data\_vw' row format

delimited fields terminated by '|' select \* from temperature\_data\_vw;

