**Assignment 6.2**

**Problem Statement**

** 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.**

** Calculate maximum temperature from temperature\_data table corresponding to those**

**years which have at least 2 entries in the table.**

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

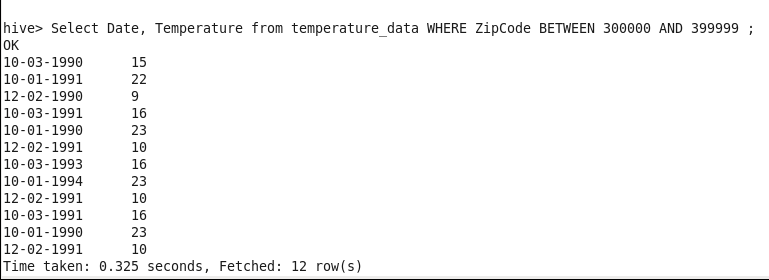
** Export contents from temperature\_data\_vw to a file in local file system, such that each**

**file is '|' delimited**

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

**300000 and less than 399999.**

**CODE AND OUTPUT**



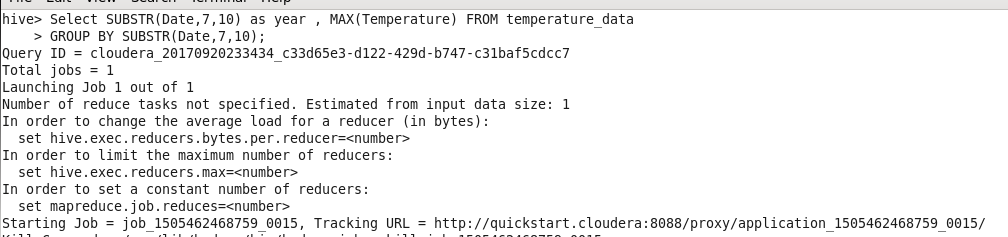
**2)** **Calculate maximum temperature corresponding to every year from temperature\_data**

**table.**

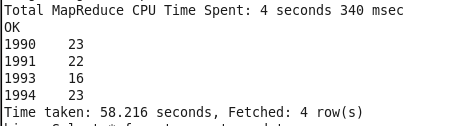
**CODE:**

Select SUBSTR(Date,7,10) as year , MAX(Temperature) FROM temperature\_data

GROUP BY SUBSTR(Date,7,10);



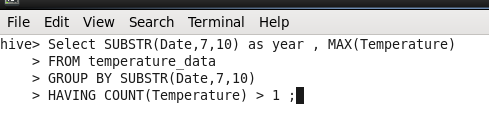
**OUTPUT** :



3**) Calculate maximum temperature from temperature\_data table corresponding to those**

**years which have at least 2 entries in the table.**

**Code:**



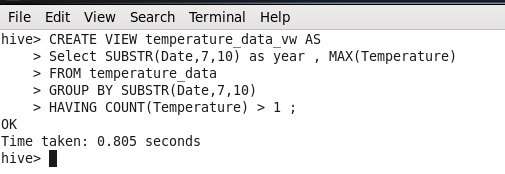
1990,1991,1993,1994 have at least 2 Entries.

**Output :**

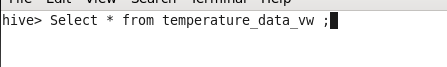


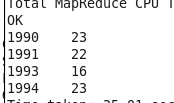
**4)** **Create a view on the top of last query, name it temperature\_data\_vw.**

**Input:**



**Output :**

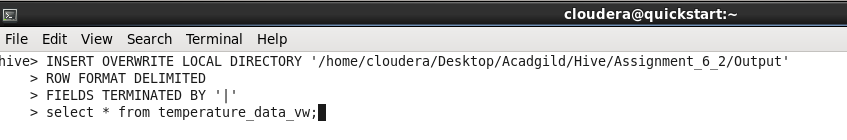




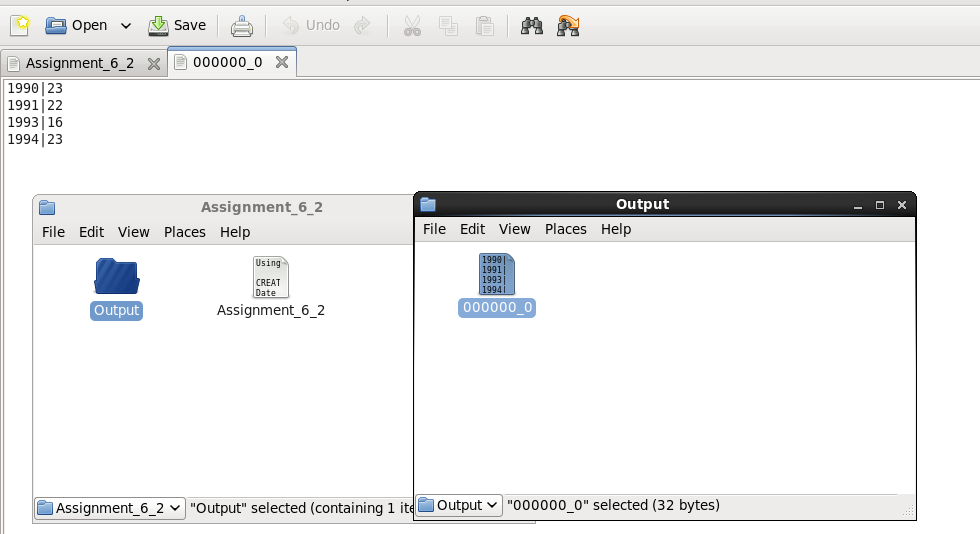
**5) Export contents from temperature\_data\_vw to a file in local file system, such that each**

**file is '|' delimited.**

**Input:**



**Output:**



**NOTE: Repository contains Code , assignment document and Output of Storing view.**