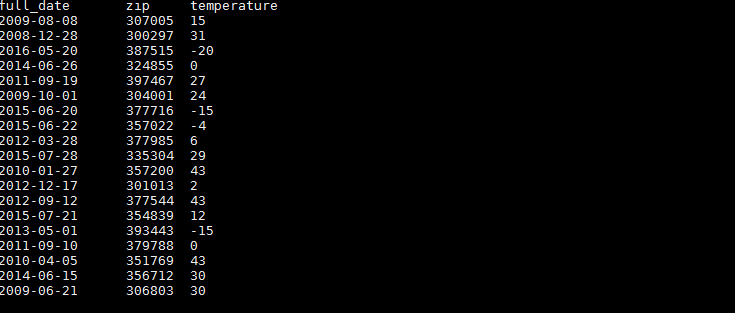
**Assignment6.2**

**Problem Statement:**

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

**Steps**

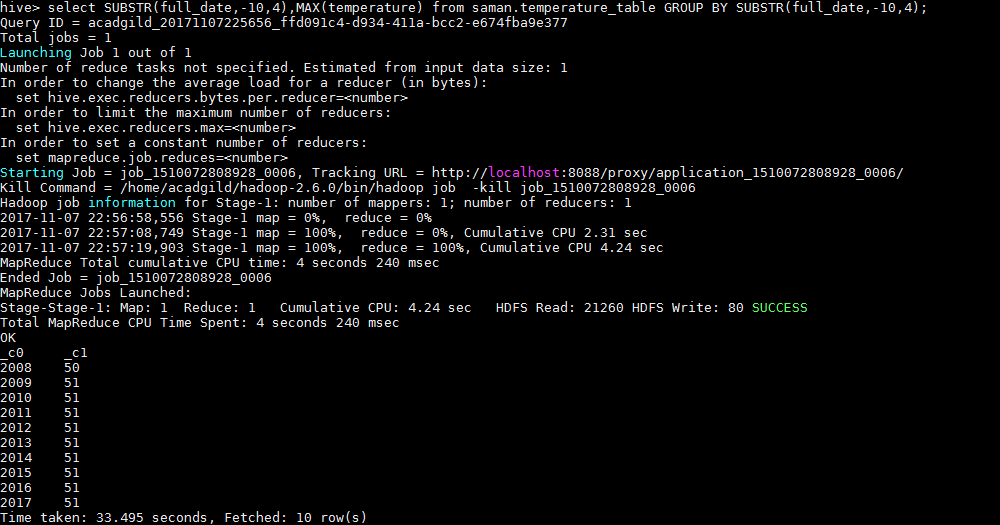
hive> **select full\_date,zip,temperature from saman.temperature\_table where zip BETWEEN 300000 and 399999;**

****

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

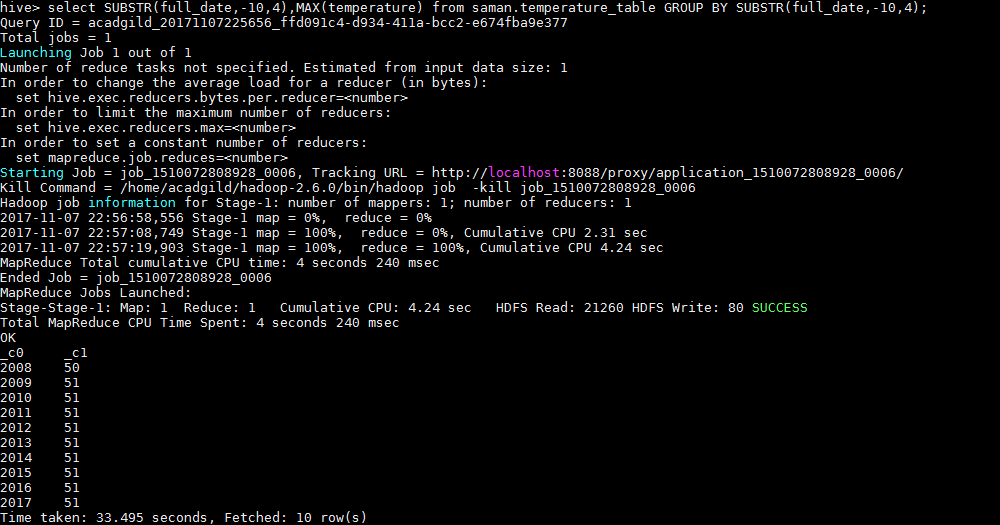
**Steps:**

**hive> select SUBSTR(full\_date,-10,4),MAX(temperature) from saman.temperature\_table GROUP BY SUBSTR(full\_date,-10,4);**

****

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

**hive>select SUBSTR(full\_date,-10,4),MAX(temperature) from saman.temperature\_table GROUP BY SUBSTR(full\_date,-10,4);**

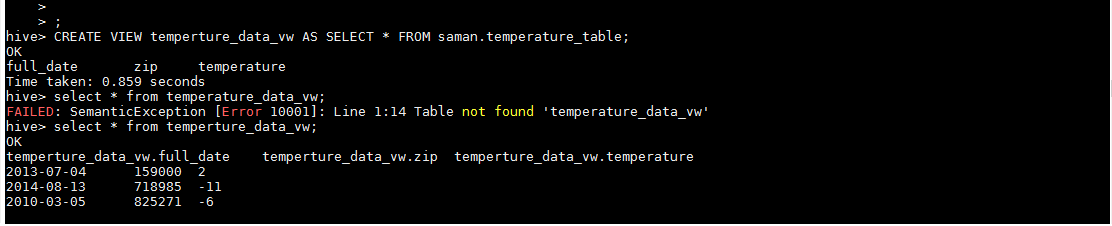
****

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

**Steps:**

**hive>CREATE VIEW AS temperture\_data\_vw**

**SELECT \* FROM saman.tempearture\_table;**

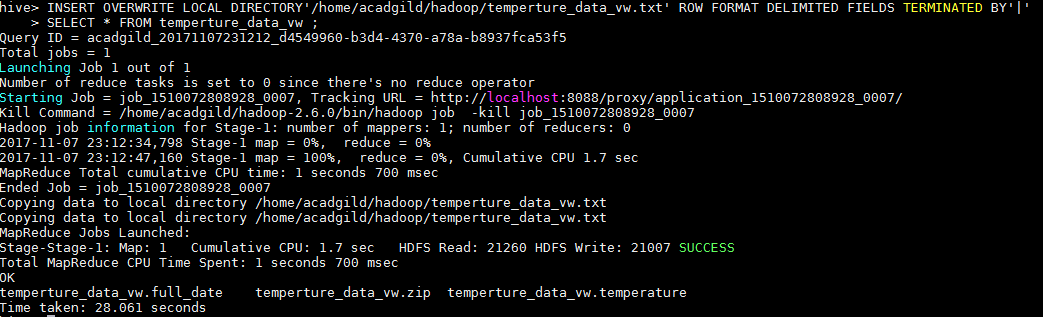
****

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

**file is '|' delimited.**

**Steps:**

**hive> INSERT OVERWRITE LOCAL DIRECTORY'/home/acadgild/hadoop/temperture\_data\_vw.txt' ROW FORMAT DELIMITED FIELDS TERMINATED BY'|’ SELECT \* FROM temperture\_data\_vw ;**

****