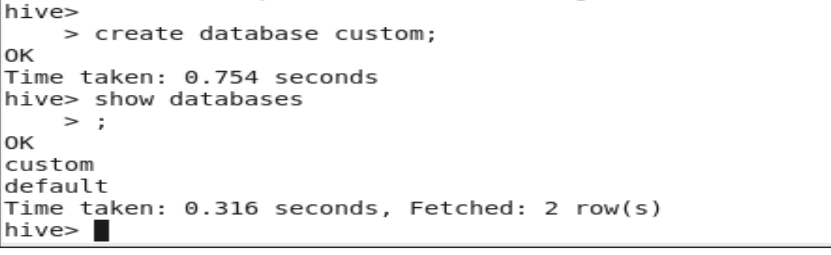
# **Session 8: HIVE BASICS**

# **Assignment 1**

**Task 1:**

1. **Create a database named 'custom'.**

**Solution:**



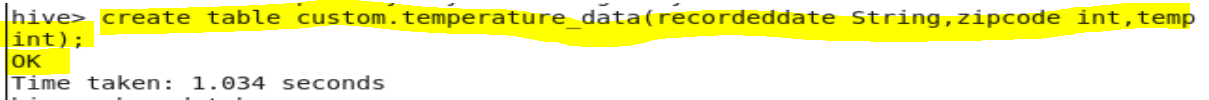
1. **Create a table named temperature\_data inside custom having below fields:**

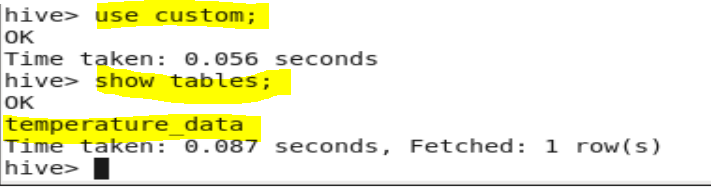
**1. date (mm-dd-yyyy) format**

**2. zip code**

**3. temperature**

**Solution:**

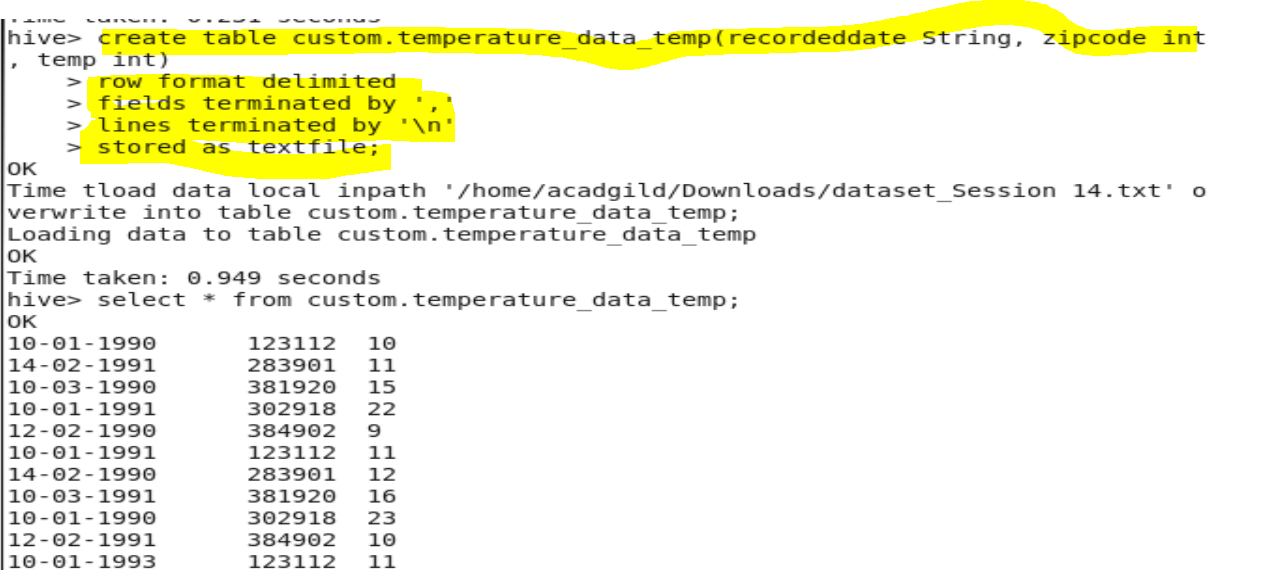


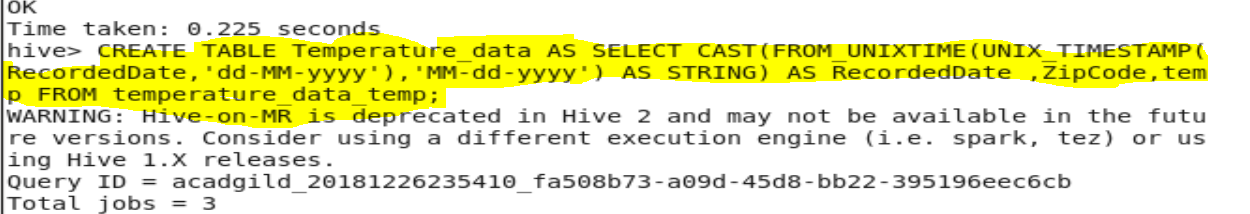


1. **The table will be loaded from comma-delimited** **file**.

**Load the dataset.txt (which is ',' delimited) in the table.**

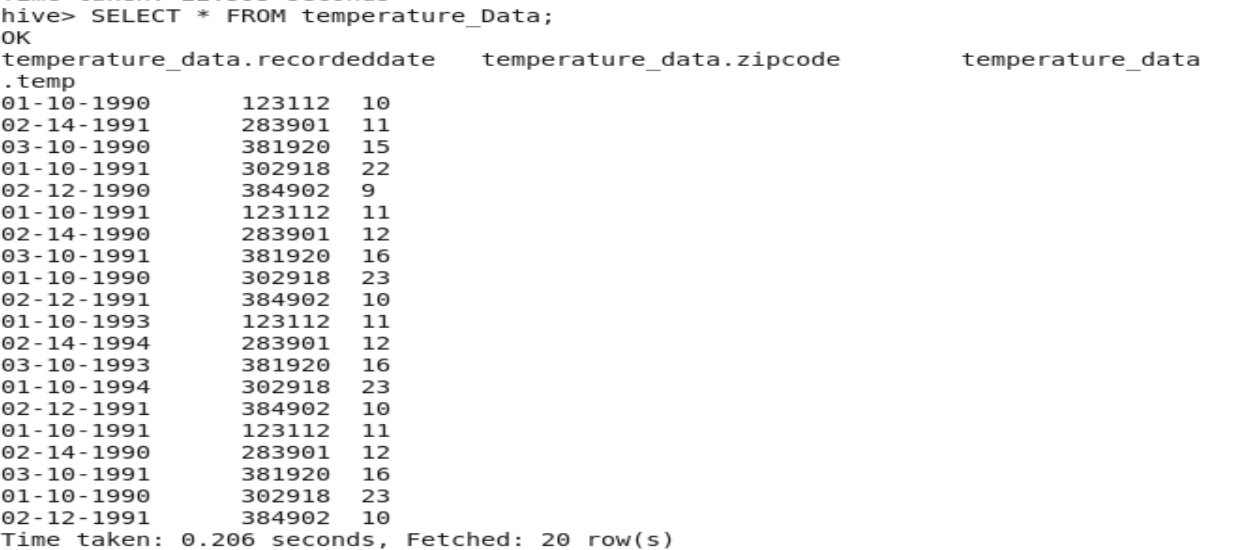
**Solution:**





**Output:**

Column in MM-dd-yyyy format as asked

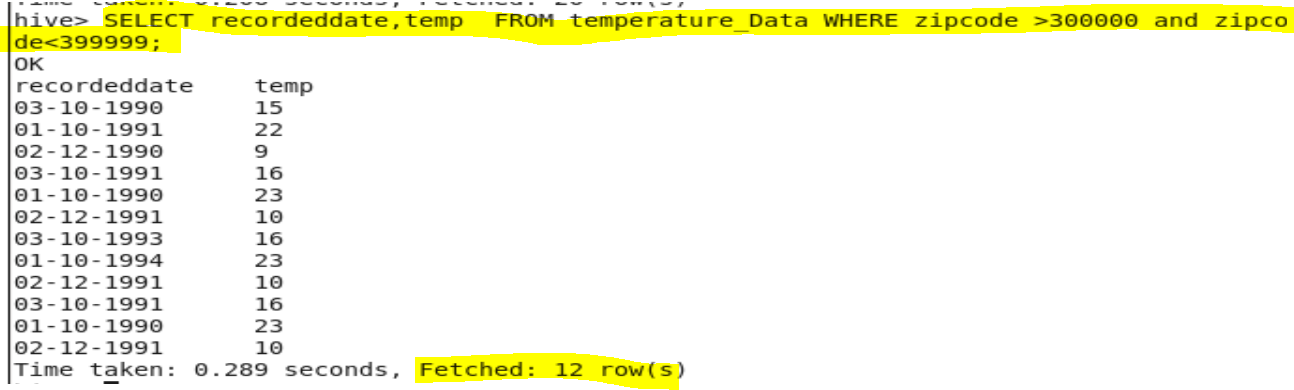


**Task 2:**

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

**300000 and less than 399999.**

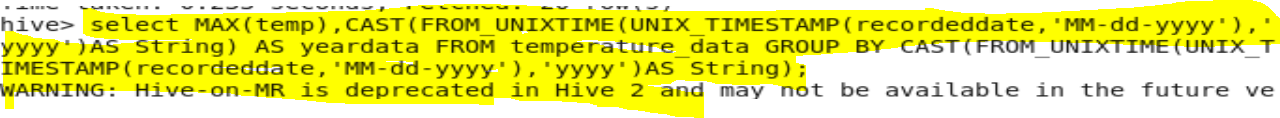
**Solution/Output:**



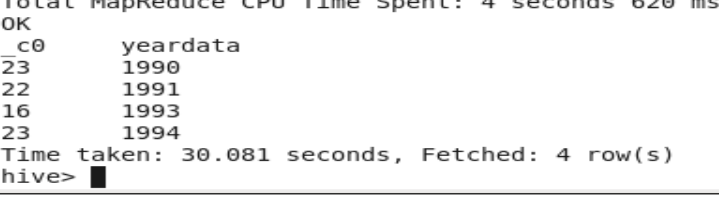
**(b) Calculate maximum temperature corresponding to every year from temperature\_data**

**table.**

**Solution:**



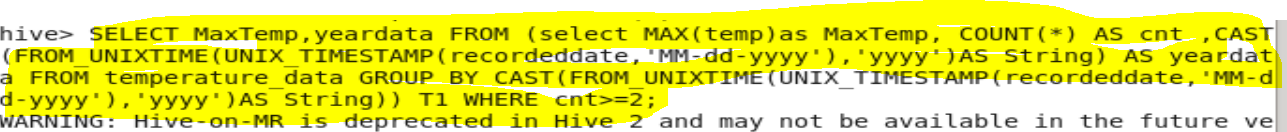
**Output:**



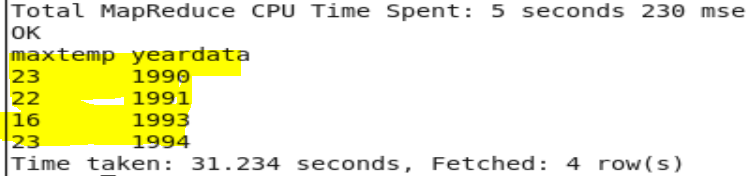
**(c) Calculate maximum temperature from temperature\_data table corresponding to those**

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

**Solution:**

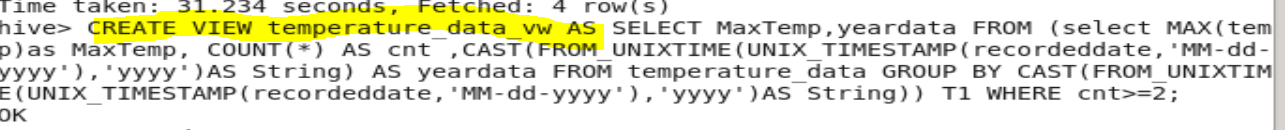


**Output:**

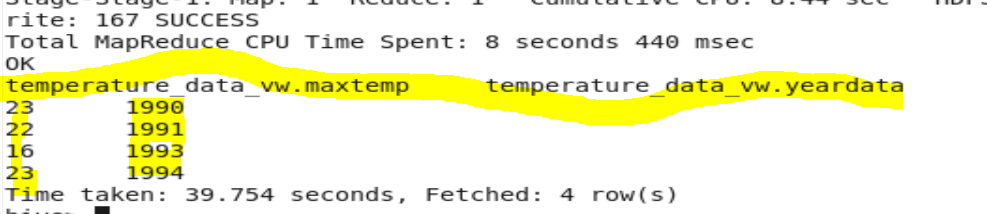


**(d) Create a view on the top of last query, name it temperature\_data\_vw.**

**Solution:**



**Output:**



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

**file is '|' delimited.**

**Solution:**

**Output:**