## **Basic Hive Assignment**

## Task 1

Create a database named 'custom'.

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

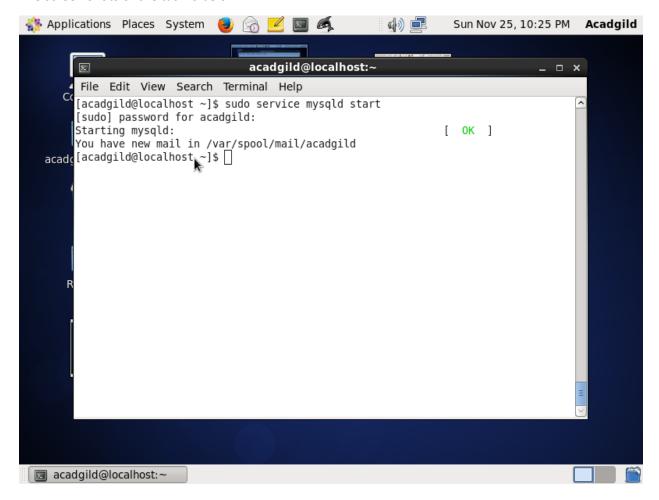
- 1. date (mm-dd-yyyy) format
- 2. zip code
- 3. temperature

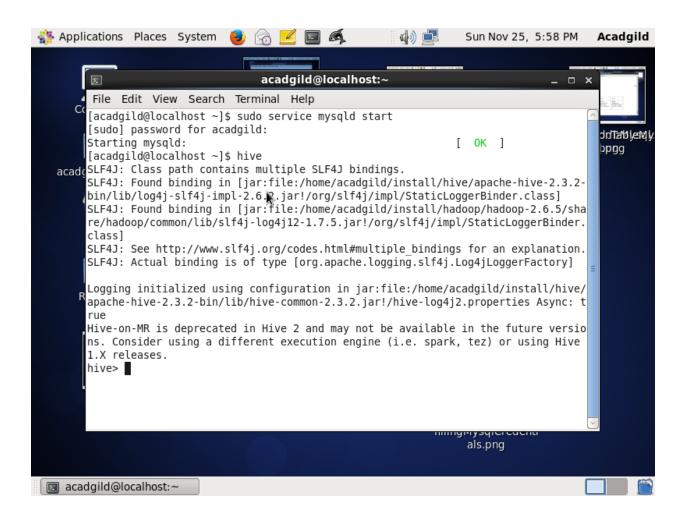
The table will be loaded from comma-delimited file.

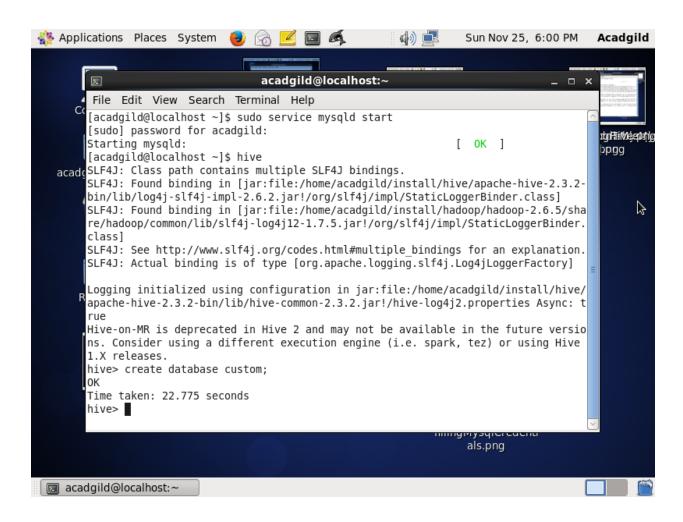
Load the dataset.txt (which is ',' delimited) in the table.

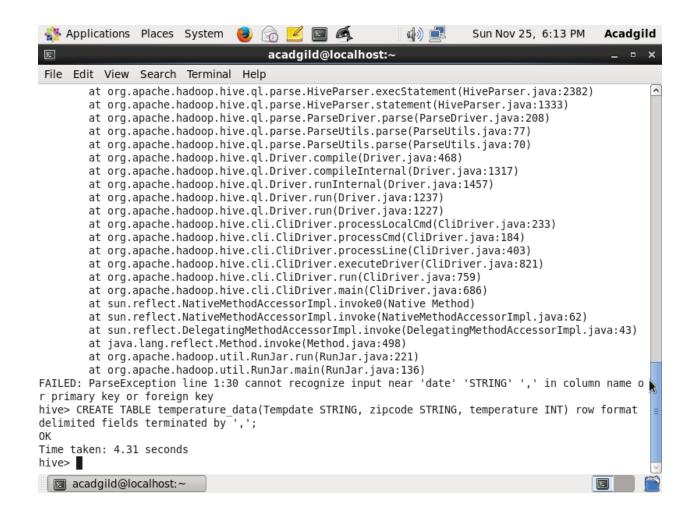
## Solution:

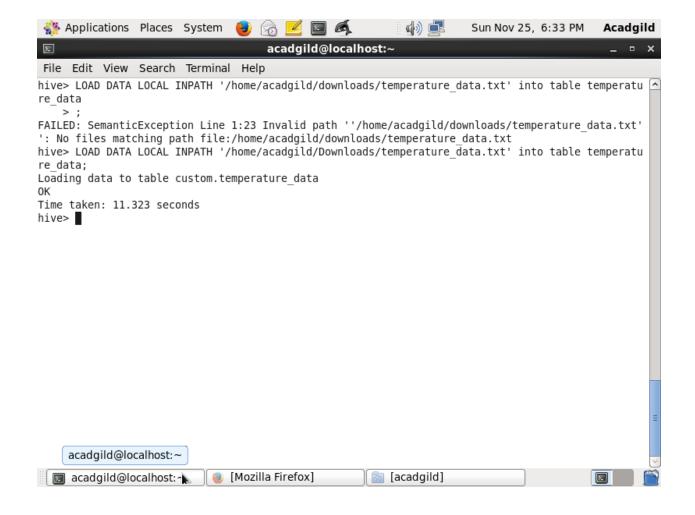
The screen shots of the task is below:











## Task 2

- 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.

Solution:

The screen shots of the task is below:

