# **Assignment 14.1**

# **Introduction to Hive**

## **Problem Statement:**

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

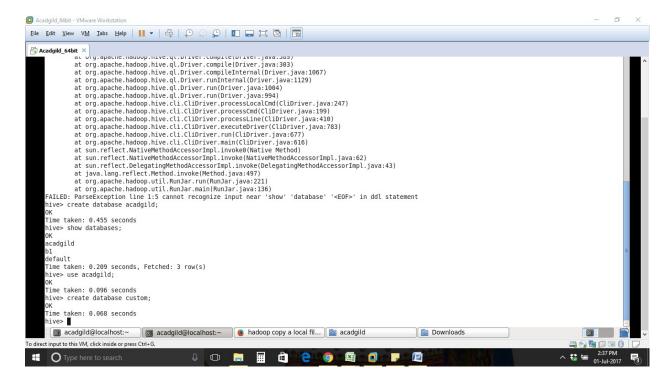
The table will be loaded from comma-delimited file.

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

1. To create database 'custom'

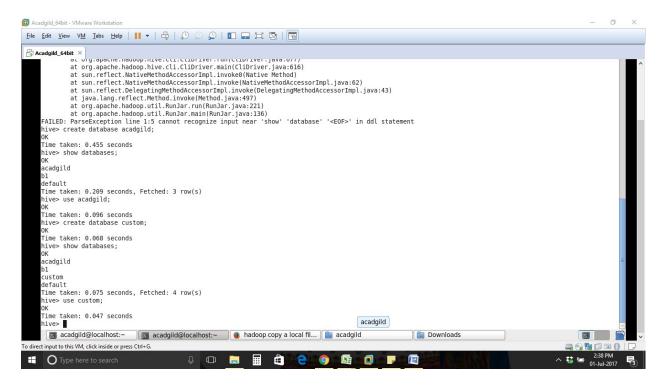
Command is

create database custom;

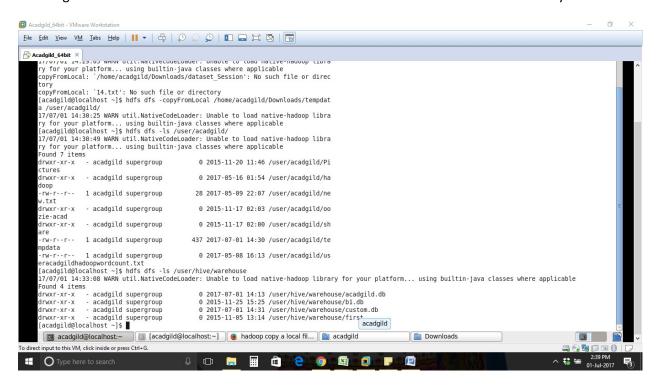


### Command: show databases;

#### Shows databases in hive



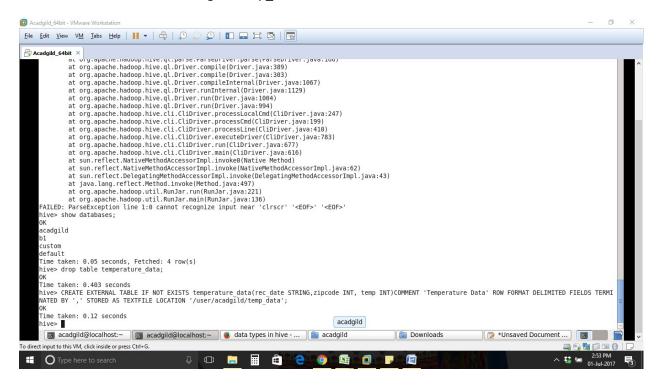
### Checking whether a new folder in same name as the database'custom' is created in hdfs by hive



## Creating Table temperature \_data in custom database

#### Command

CREATE EXTERNAL TABLE IF NOT EXISTS temperature\_data( rec\_date STRING, zipcode INT, temp INT) COMMENT 'Temperature Data' ROW FORMAT DELIMITED FIELDS TERMINATED BY ',' STORED AS TEXTFILE LOCATION '/user/acadgild/temp\_data';



## Data from table temperature\_data is retrieved by command:

Select \* from temperature\_data;

Screenshot shows data from text file is loaded into the table

