Hive Data Definations:

Hive data definations basically refers to a set of commands which are used to define a data set i.e. defining the type of a data base or a table, the structure of its contents, etc. Eventually it entails the commands which are used to create or alter a database or a table.

DDL Commands

create database

drop database

create table

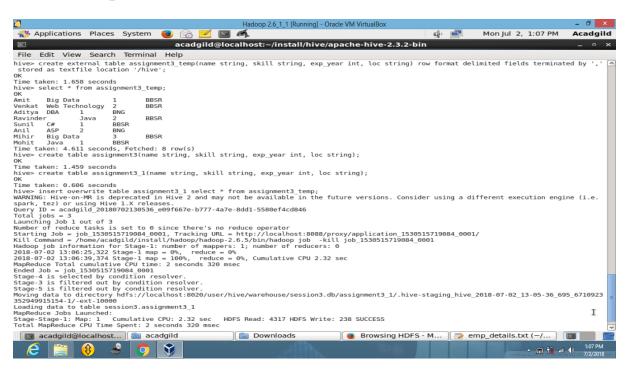
drop table

alter table

create index

create views

DDL Example:



Hive Data Manipulations:

Hive data manipulation basically refers to a set of commands which are used to manipulate a data set i.e. manipulating the data in a data base or a table as required according to the task. Eventually it entails the commands which are used to fetch and alter data from a table or a set of tables(in case of joins).

Hive DML Commands

Select

Where

Group By

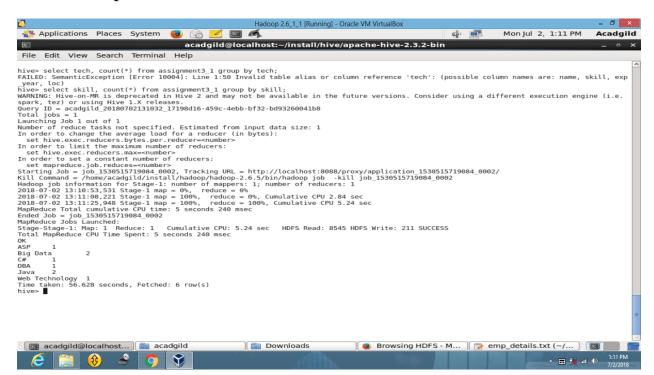
Order By

Load Data

Join:

- o Inner Join
- Left Outer Join
- o Right Outer Join
- o Full Outer Join

DML example:



Hive QL Manipulations:

Hive QL or Hive query language data manipulation basically refers to a code which is used to manipulate a data set i.e. manipulating the data in a data base or a table as required according to the task. Eventually it entails the code which is used to load the data in a hive table straight from an externally stored file which may either be stored in hdfs or the local file system.

Hive QL Example:

