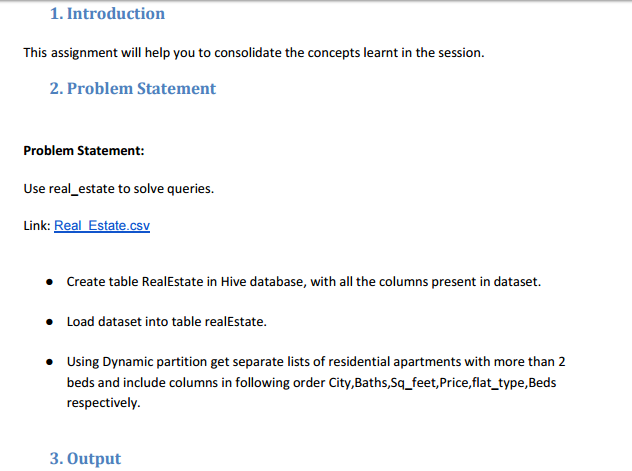
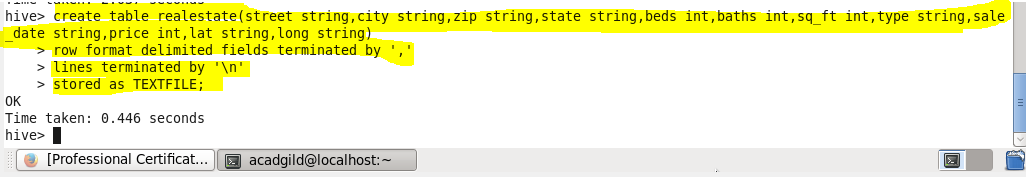
**ASSIGNMENT 26.3**

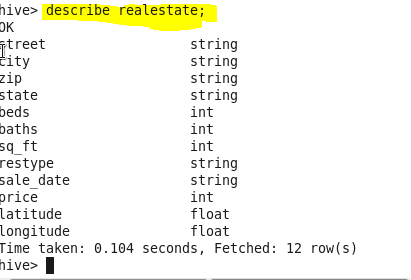
****

* **Create table RealEstate in Hive database, with all the columns present in dataset.**

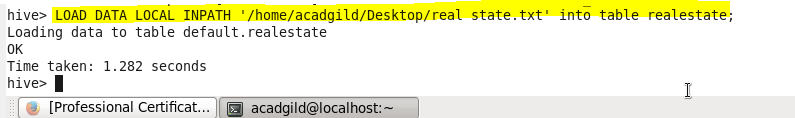
**Using create command we will create table realestate -**

****

**Using Describe table command we can check the columns and their datatypes-**

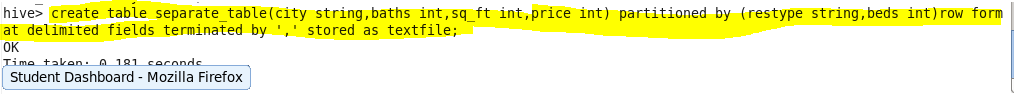


* Load dataset into table realEstate.

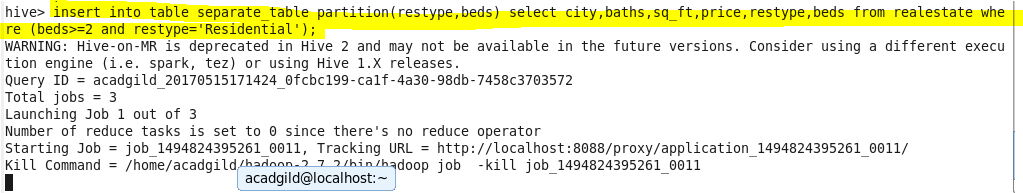
****

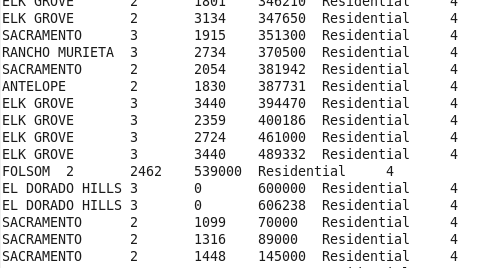
* **Using Dynamic partition get separate lists of residential apartments with more than 2 beds and include columns in following order City,Baths,Sq\_feet,Price,flat\_type,Beds respectively.**
* **Creating Partitioned Table**

**Here a partitioned table Separate\_table is created where partition is made based on type,Beds as Shown**



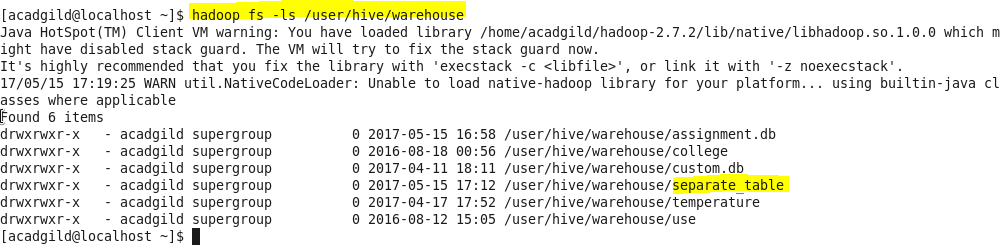
**In dynamic Partitioning we want to enter the bedrooms greater than 2,so we load data into the partitioned table by using select statement from realEstate Table where Beds>2 and type as residential**



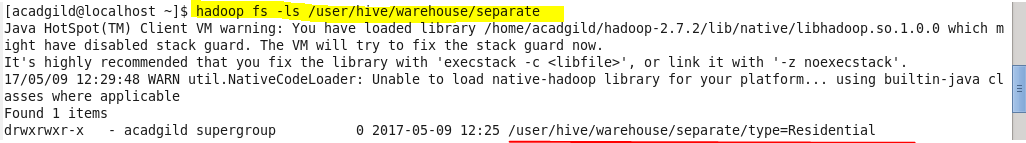


**Output:**

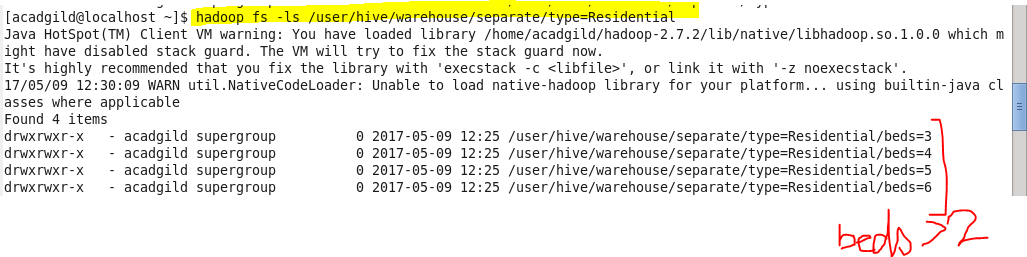
**In hive warehouse separate directories will be created for each beds count greater than 2 dynamically by hive**



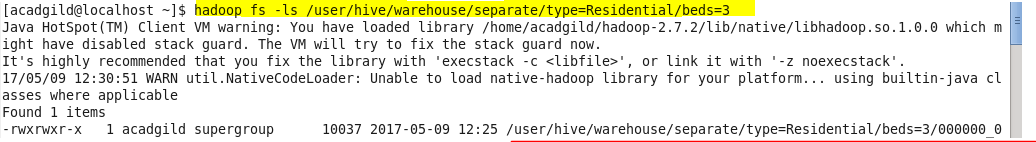
**Going inside we can check for our partition directory for type =Residential as we have partitioned by type**

****

**Going inside we can check all separate list for beds >2 and type =Residential as we have partitioned by type and beds >2**

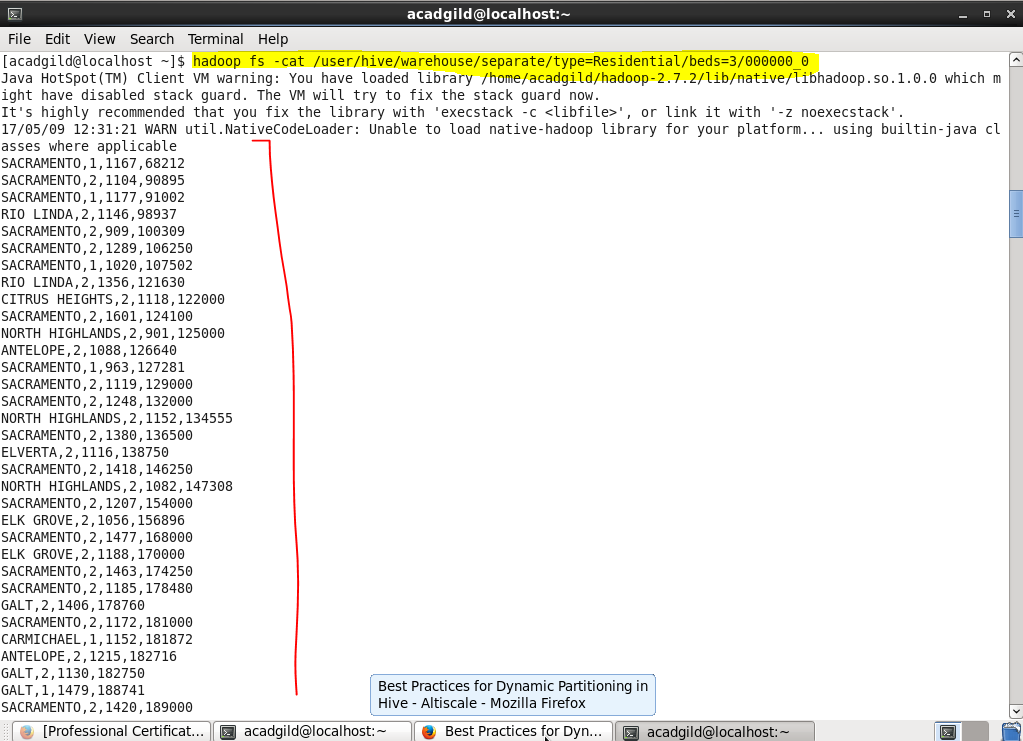
****

**So our separate list for bed =3 will be under this directory as showing**

****

**Now we can check for the result using cat command in HDFS.**

**Sample Output for bed =3**

****

**Complete output data is attached in separate list - bed=3 file**

**Sample Output for bed =4**

****

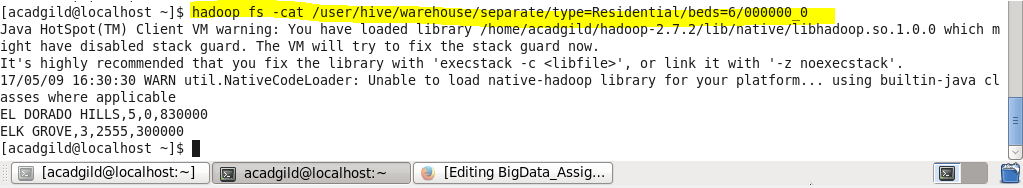
**Complete output data is attached in separate list - bed=4 file**

**Sample Output for bed = 5**

****

**Complete output data is attached in separate list - bed=5 file**

**Sample Output for bed = 6**

****