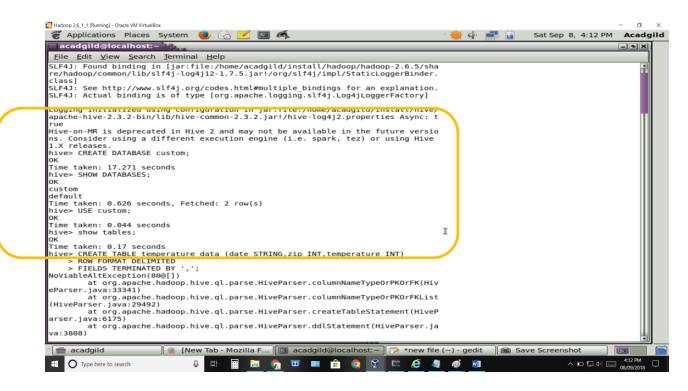
Big Data Hadoop 'Session 8 HIVE BASICS'

DATASET

10-01-1990	123112	10
14-02-1991	283901	11
10-03-1990	381920	15
10-01-1991	302918	22
12-02-1990	384902	9
10-01-1991	123112	11
14-02-1990	283901	12
10-03-1991	381920	16
10-01-1990	302918	23
12-02-1991	384902	10
10-01-1993	123112	11
14-02-1994	283901	12
10-03-1993	381920	16
10-01-1994	302918	23
12-02-1991	384902	10
10-01-1991	123112	11
14-02-1990	283901	12
10-03-1991	381920	16
10-01-1990	302918	23
12-02-1991	384902	10

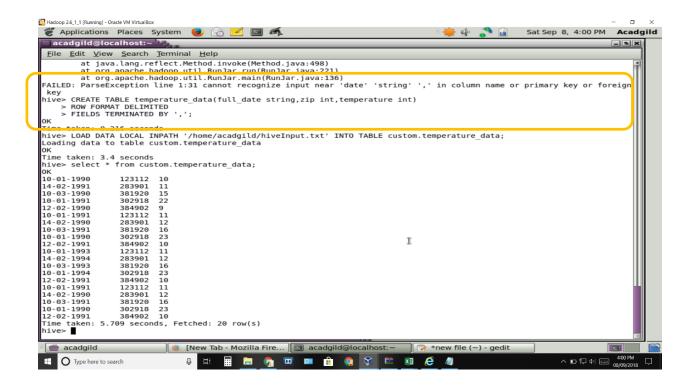
Task 1

Create a database named 'custom'

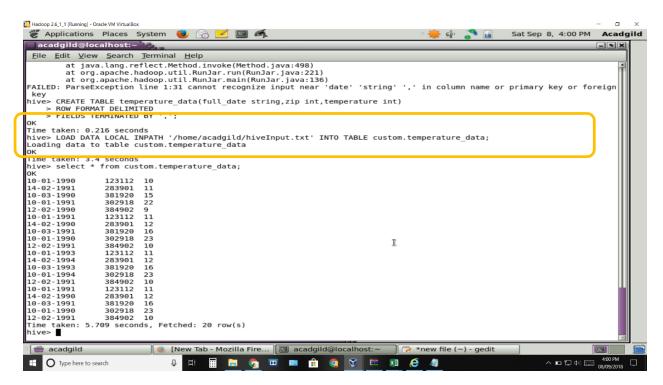


- Create a table named temperature_data inside custom having below fields:
 - 1. date (mm-dd-yyyy) format
 - 2. zip code
 - 3. temperature

The table will be loaded from comma-delimited file.



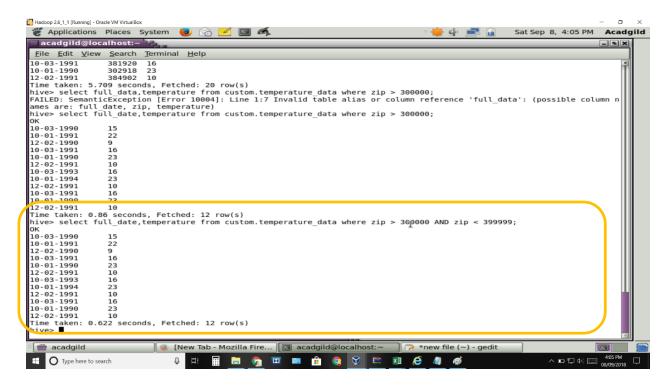
Load the dataset.txt (which is ',' delimited) in the table.



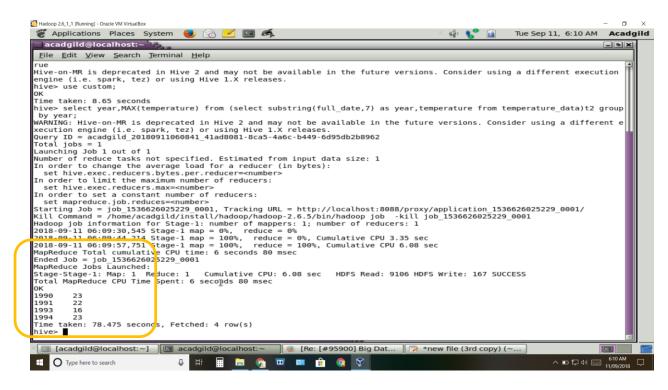
Task 2

• Fetch date and temperature from temperature_data where zip code is greater than

300000 and less than 399999.

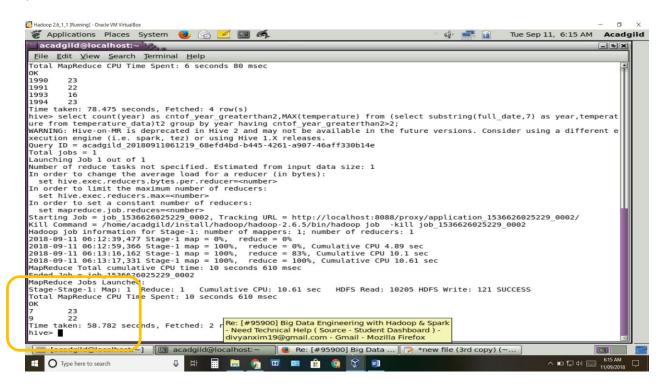


• Calculate maximum temperature corresponding to every year from temperature data table.

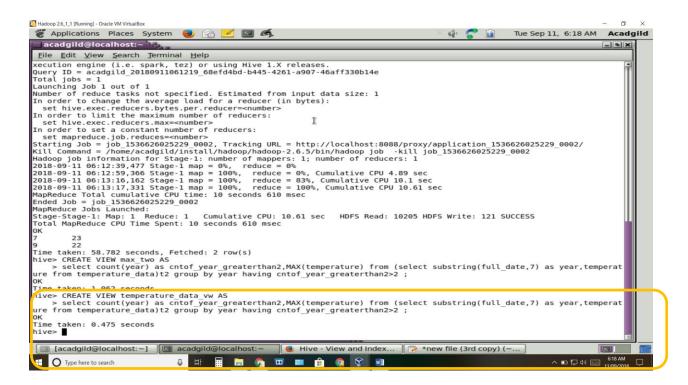


• Calculate maximum temperature from temperature data table corresponding to those

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.

