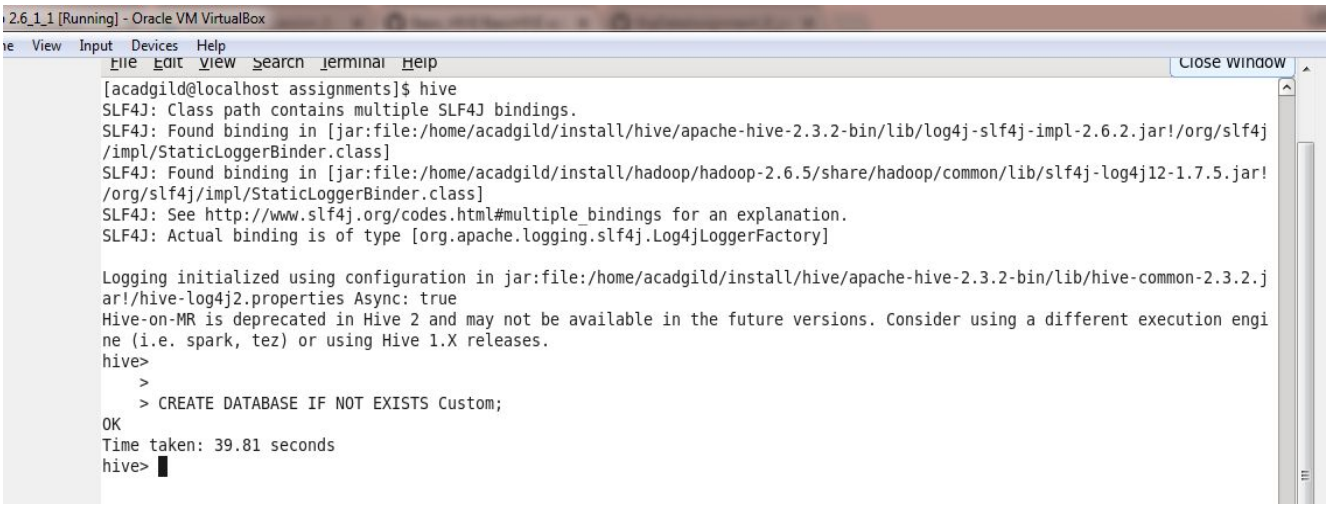
Task 1

Create a database named 'custom'.



Create a table named temperature_data inside custom having below fields:

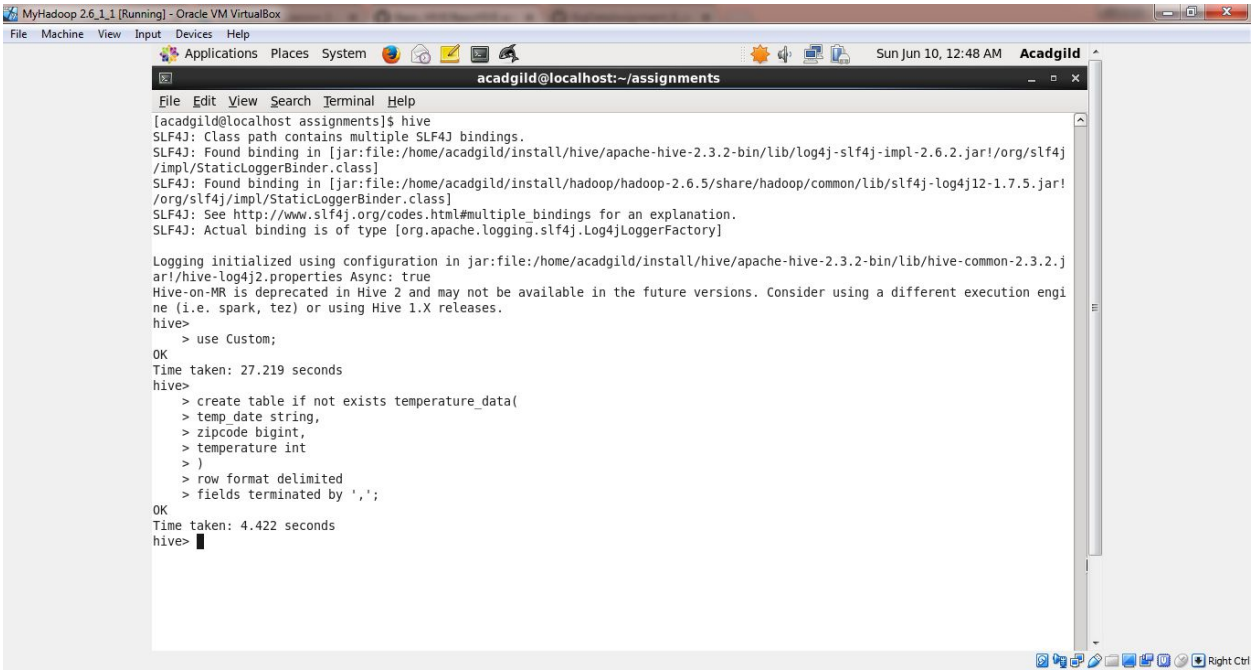
1. date (mm-dd-yyyy) format

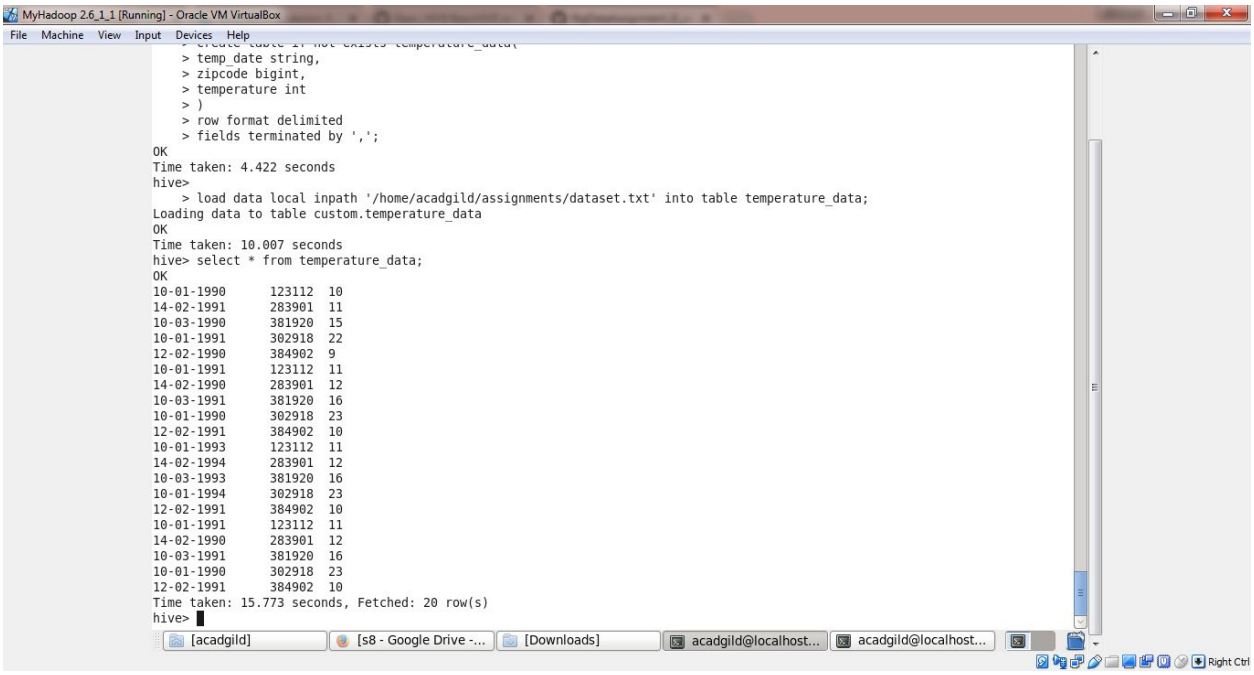
2. zip code

3. temperature

The table will be loaded from comma-delimited file.

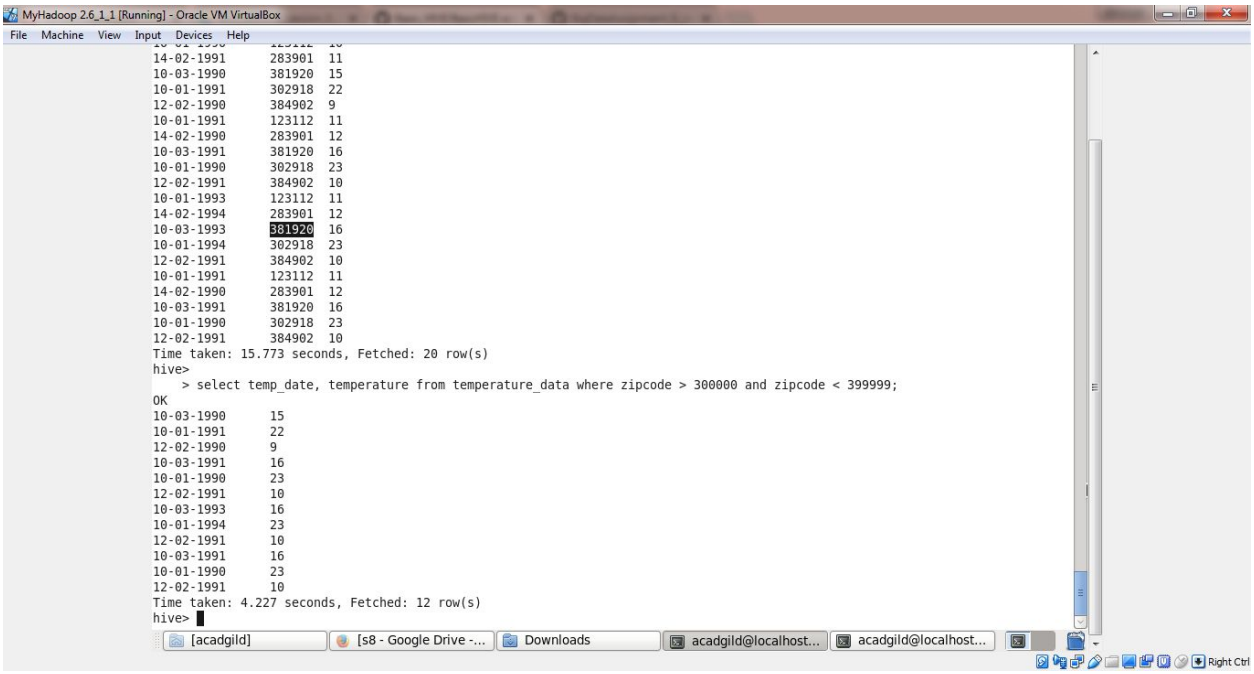
Load the dataset.txt (which is ',' delimited) in the table.



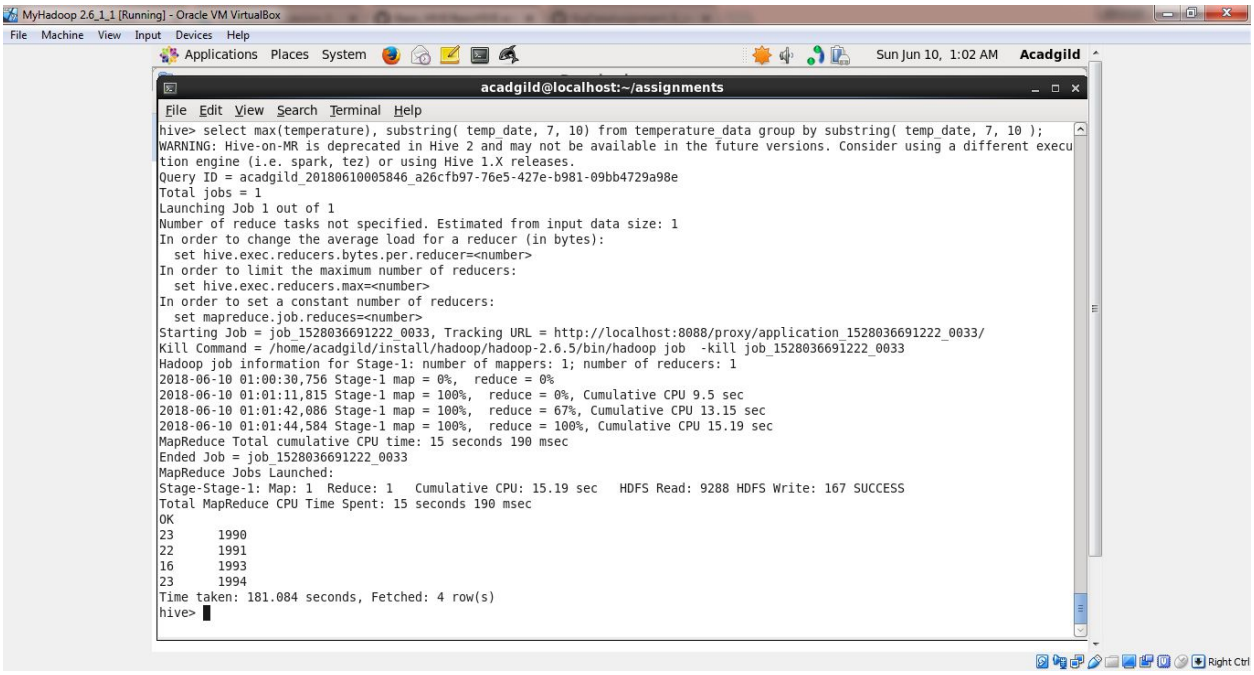


Task 2

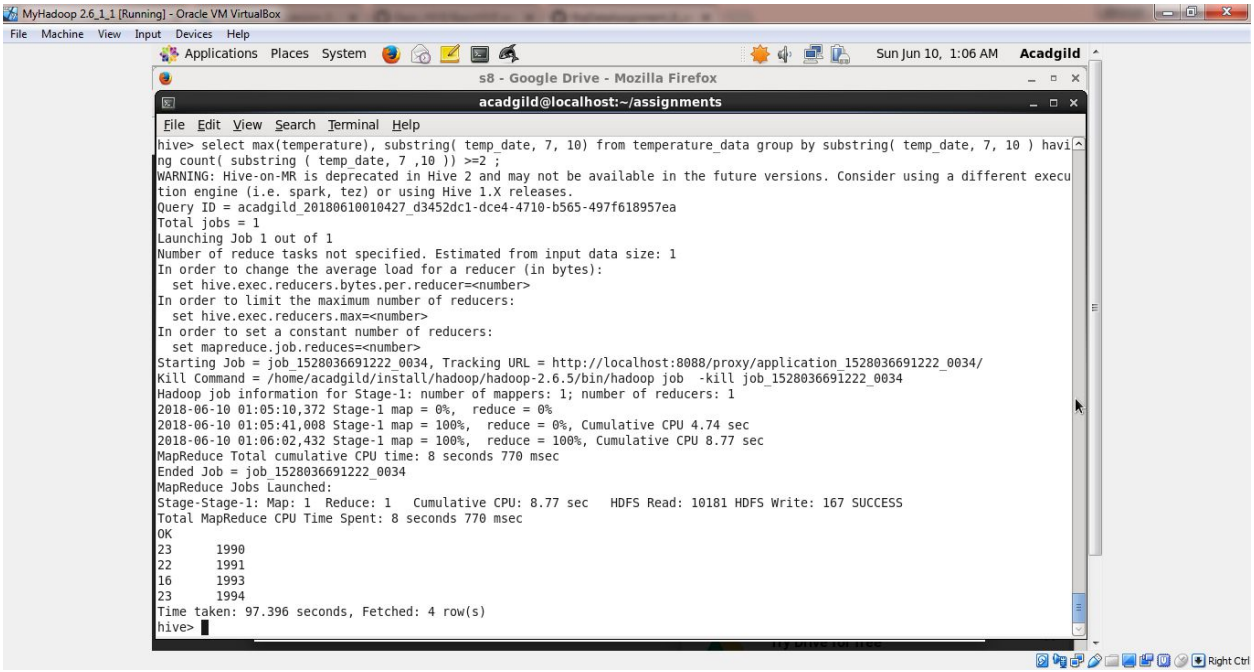
● Fetch date and temperature from temperature_data where zip code is greater than 300000 and less than 399999.



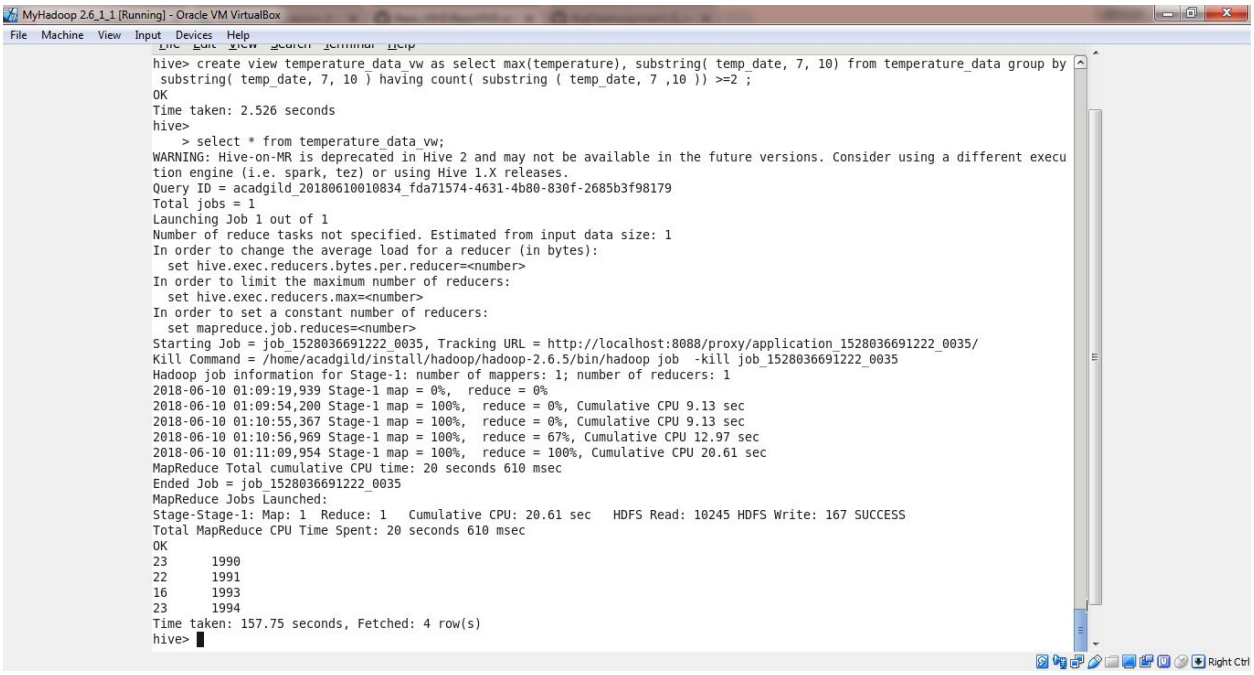
● Calculate maximum temperature corresponding to every year from temperature_data table.



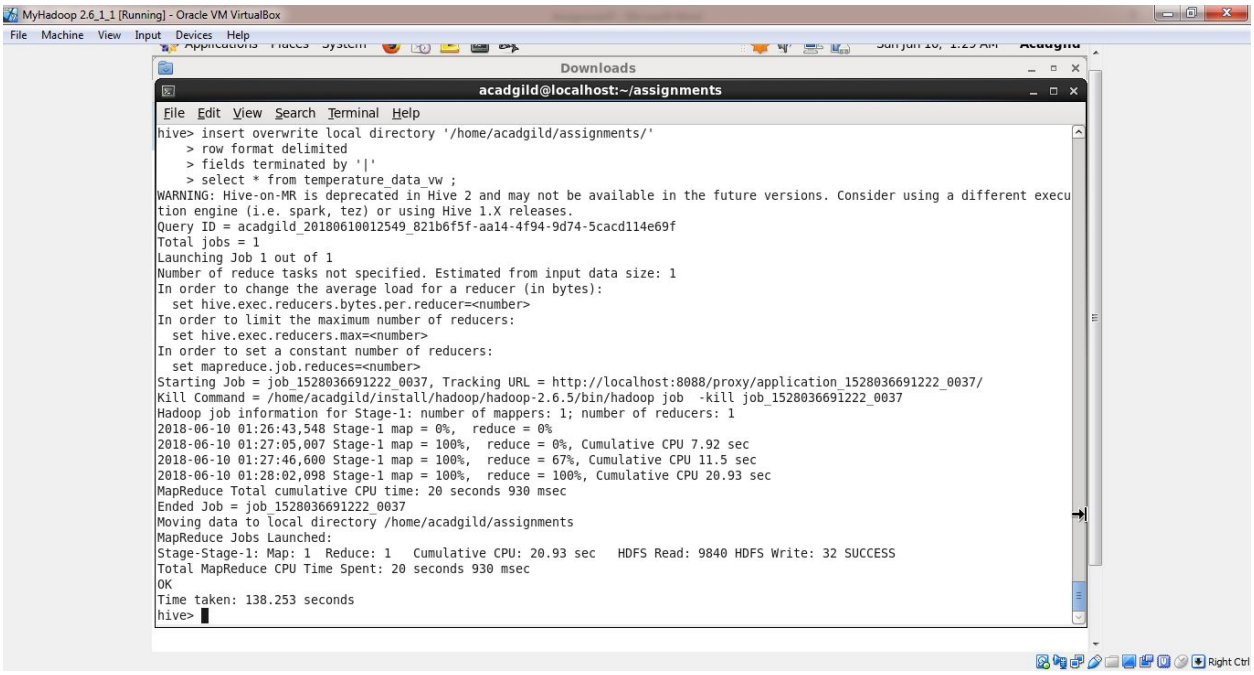
● Calculate maximum temperature from temperature_data table corresponding to those years which have at least 2 entries in the table.

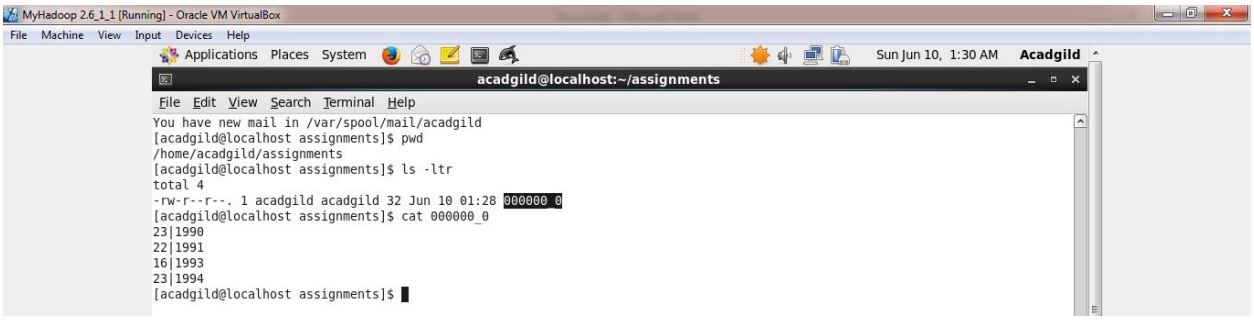


● Create a view on the top of last query, name it temperature_data_vw.



● Export contents from temperature_data_vw to a file in local file system, such that each file is '|' delimited.




MyHadoop 2.6_1_1 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Applications Places System
Sun Jun 10, 1:30 AM Acadgild
acadgild@localhost:~/assignments
File Edit View Search Terminal Help
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost assignments]$ pwd
/home/acadgild/assignments
[acadgild@localhost assignments]$ ls -ltr
total 4
-rw-r--r--. 1 acadgild acadgild 32 Jun 10 01:28 000000_0
[acadgild@localhost assignments]$ cat 000000_0
23|1990
22|1991
16|1993
23|1994
[acadgild@localhost assignments]$