Task 1 Create a database named 'custom'.

```
hive> create database custom;
OK
Time taken: 0.188 seconds
```

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.

```
hive> load data local inpath '/home/acadgild/myCode/Session8-Hive/dataset.txt' into table temperature_data;

Loading data to table custom.temperature_data

(Note: The content of the custom temperature_data;

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```

## 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.

```
hives select from_unixtime(unix_timestamp(mydate, 'mm-dd-yyyy'), 'yyyy'), max(temperature) from temperature_data group by from_unixtime(unix_timestamp(mydate, 'mm-dd-yyyy'), 'yy yy');

WARRING: Hive-on-MR is deprecated in Hive 2 and may not be available in the future versions. Consider using a different execution engine (i.e. spark, tez) or using Hive 1.X rele ases.

Query ID = acadgrid_20181016220531_1f554b30-f9ee-46e0-914a-5f599269f290

Total jobs = 1
Landshing Job1 out of 1
National Control of the service of
```

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

```
hives select from unixtime(unix_timestamp(mydate, 'mm-dd-yyyy'), 'yyyy'), avgry') having count(s) = 2 yyy'), 'yyyy') having count(s) = 2 yyy', 'yyy') having count(s) = 2 yyy', 'yyy', 'may'ng a different execution engine (i.e. spark, tez) or using Hive 1.X releases.

Query ID = acadgild_20161016222335_3478baf7-c25f-4410-aaed-4104b6408f6d
Total jobs = 1
Tot
```

Create a view on the top of last query, name it temperature\_data\_vw.

```
inver create view temperature_data_vw as "select from_unixtime(unix_timestamp(mydate, 'mm-dd-yyyy'), 'yyyy'), max(temperature), count(*) from temperature_data_group by_from_unix_timestamp(mydate, 'mm-dd-yyyyy'), 'yyyy'), max(temperature), count(*) from temperature_data_group by_from_unix_timestamp(mydate, 'mm-dd-yyyyy'), 'yyyy'), max(temperature), count(*) from temperature_data_group by_from_unix_timestamp(mydate, 'mm-dd-yyyyy'), 'yyyy'), max(temperature), count(*) from temperature_data_group by_from_unix_timestamp(mydate, 'mm-dd-yyyyyy'), 'yyyy'), max(temperature), count(*) from temperature_data_group by_from_unix_timestamp(mydate, 'mm-dd-yyyyy'), 'yyyy'), max(temperature), count(*) from temperature_data_group by_from_unix_timestamp(mydate, 'mm-dd-yyyyy'), 'yyyy'), max(temperature), count(*) from temperature_data_group by_from_unix_timestamp(mydata_group), 'yyyyy'), max(temperature), count(*) from temperature_data_group by_from_unix_timestamp(mydata_group), 'yyyyy'), max(temperature), and the temperature_data_group by_from_unix_timestamp(mydata_group), 'yyyyyyyy'), max(temperature_data_group), 'yyyyyyyy'), max(temperature_data_group), 'yyyyyy'), max(temperature_data_group), 'yyyyyyy'), max(temperature_data_group), 'yyyyyyy'), max(temperature_data_group), 'yyyyyyyyyy'), max(temperature_data_group), 'yyyyyyyy'), max(temperature_data_group), 'yyyyyyyy'), max(temperature_data_group), 'yyyyyyyyy'), max(temperature_data_group), 'yyyyyyyy'), max(temperature_data_group), 'yyyyyyyy'), max(temperature_data_group), 'yyyyyyyyyyy'), max(temperature_data_group), 'yyyyyyyy', max(temperature_d
```

Export contents from temperature\_data\_vw to a file in local file system, such that each file is '|' delimited.

```
NAMANIAG: Hive-on-MR is deprecated in Hive 2 and may not be available in the future versions. Consider using a different execution engine (i.e. spark, tez) or using Hive 1.X releases. Query ID = acadgid 1.2018/016223127_d233650-ad0b-4152-aa7d-7bd7cf2739f
Total jobs = 1.

Number of reduce tasks not specified. Estimated from input data size: 1

Number of reduce tasks not specified. Estimated from input data size: 1

Set hive exec, reducers, bytes, per, reducers—number.

In order to limit the maximum number of reducers:

Set hive exec, reducers, max-enumbers.

In order to set a constant number of reducers:

Set may be exec, reducers (and become size)

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```

```
|acadgild@localhost Session8-Hive|$ Is
000000_0
You have new mail in /var/spool/mail/acadgild
|acadgild@localhost Session8-Hive|$ cat 000000_0
1990|23|7
1991|22|9
1993|16|2
1994|23|2
|acadgild@localhost Session8-Hive|$ |
```