In class:

1. Create a database in hive as nyse\_<your\_name>
2. Inside the database, create a table nysedaily and load the nyse dataset
3. Retrieve stock\_symbol,date,stock\_price\_open of all stocks.
4. To the above query, Limit the records to 5 rows
5. Retrieve the stock\_symbol, % change in the stock open and stock close price for stock\_symbol GWW

Change% = ((stock\_price\_close-stock\_price\_open)/stock\_price\_open)\*100

1. Find out the list of stocks for which the data have been captured
2. Get any 10 dates on which the stock close price is lower than the stock open price
3. How many times a month do we have the closing stock price reaching a high?
4. Get the total number of records
5. Get the min, max, avg stock volumes
6. Get the oldest and recent stock date for which the data has been captured
7. For every stock symbol get the avg stock closing price by filtering the below conditions
   1. Stock volume of that record should be captured
   2. Avg stock closing price must be above 100
8. Get the dates in the May 2016 where stock close price is higher than the stock open

Post class

1. Get the stock prices for stock symbol GE in May 2016
2. Get the stock\_date,stock\_price\_low,stock\_price\_high for 2nd may 2015
3. Get the stock high and stock low values for 1-may-2000 and 15-jun-2000. Order the data in the increasing order of date
4. Get the stock date, low and high stock price for all stocks with closing price between 500 and 1000 for stocks GGC, GTC and GS in the 90’s
5. Post year 2000 compute the difference between the high and low prices for all stocks
6. What is the start date and end date for which the data is captured?
7. For every stock get the day-wise max stock closing price