For this homework, you will complete the task without inputting any Python modules/packages.

- Read csv data file: AAPL.csv
- Process the file into a list of lists/records):

```
[['date', 'ticker', 'open', 'high', 'low', 'close', 'adj close'],
['7/3/2017', 'AAPL',144.88,145.3001,143.1,143.5,142.920109],
...
['12/29/2017', 'AAPL', 170.52, 170.59, 169.22, 169.23, 169.23]]
```

- Add a calculated quantity, daysRange, to the end of each record:
 - daysRange = high low
- Sort the records according to 'daysRange' and store the result in aapl_sorted
- > Filter the time series:
 - Get the list of records where AAPL closed within 1 cent of daily high price:
 close_on_high
 - Get the list of days where the day's range is with in 1%: low_vol_days
- Write the following results to output data file:
 - The first 5 and last 5 records of aapl sorted
 - close on high
 - low vol days
- > submit the output file online