OCN318 S18 Homework 2

1. Convert this POSIX timestamp, `1518386711`, to `yyyy-mm-dd hh:mm:ss.` For example, `1518500857` is 2018-02-13 05:47:37 AM in UTC time. Do it in Python but feel free to check your result using online converters. Hint: read this
https://stackoverflow.com/questions/3682748/converting-unix-timestamp-string-to-readable-date-in-python

2. Convert these hexadecimal numbers to decimal:

     A
     10
     FF
     DEADBEEF

As an example, `DECAF` in hexadecimal is `912559` in decimal.
You should know how to convert at least the first two on paper (*ahem* like on an exam). You can use Python/calculator/Google for the remaining two.
Hint: watch these
     https://youtu.be/4EJay-6Bioo
     https://youtu.be/9xbJ3enqLnA?t=25

3. Complete the two programming exercises on the course repository:
     https://github.com/stanleylio/OCN318/tree/master/hw2
The resulting plots are included in the same folder. Each exercise has a mandatory and a bonus part.