Course – Machine Learning for Trading
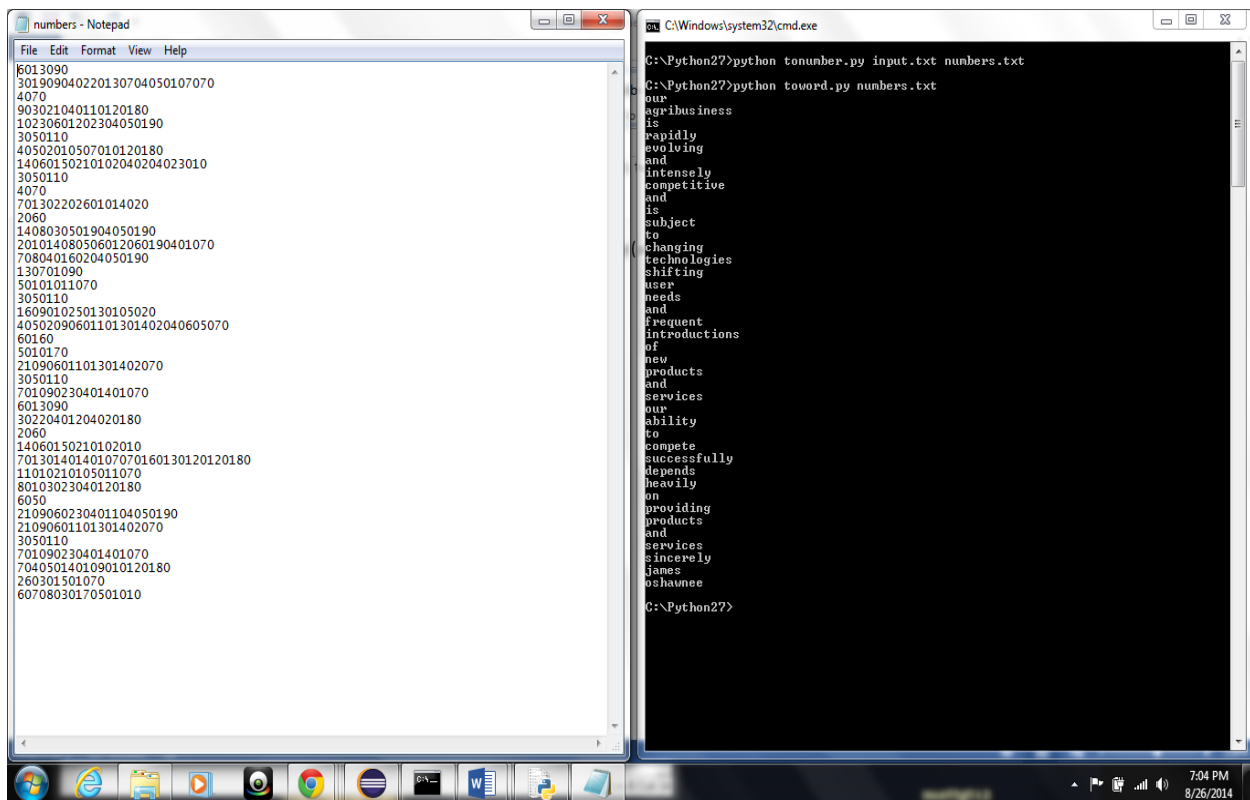
Project - 2014Fall7646 Project 1 A

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In this assignment, I am using number '0' as delimiter and a static dictionary with numbers (not containing 0) assigned for all alphabets.

The encoding scheme in tonumber.py - For every word in the input.txt, I convert the alphabet to a number as mapped in the dictionary, add delimiter '0' after every number and concatenate them to represent the word as a unique number.

The decoding scheme in toword.py – For every number, I split the number at '0', find the corresponding alphabet in dictionary and concatenate the alphabets to retrieve the word.

Output of tonumber.py (numbers.txt) and toword.py (printed on cmd prompt)–