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| ***MODULE NUMBER*** | | 10 | | | |
| ***TOPIC(S)*** | | Natural language processing with NLTK | | | |
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| **--- PRECLASS ---** | | | | | |
| **BOOK**  **(Read the book first! Then watch video)** | <http://www.nltk.org/book/>  Chapter 1, Section1  Chapter 5, Sections 1 and 2.3   * Make sure you download the nltk example books (as explained in Chapter 1, Section 1) * Try to redo by yourself the examples of the book using he Python console (IDLE) | | | |  |
| **SHORT VIDEO** | <https://goo.gl/rGg9DT> (from minute 7:50 till the end) | | | |  |
| **QUIZ** | ADSA Quiz Module 10 at: <https://goo.gl/forms/1CEIvoZHQBW2lWZM2> | | | |  |
| **--- PROBLEM SET 1 (Tuesday Nov 1st) ---**  Complete the functions in PyCharm (additional metrics for lexical complexity, ranking texts based on a lexical complexity metric) | | | | | |
| **--- POST-CLASS 1 ---** | | | | | |
| **TO-DO** | Complete problem set 1 | | | |  |
| **--- PROBLEM SET 2 (Thursday Nov 3rd) ---**  Complete the functions in PyCharm (part-of-speech analysis) | | | | | |
| **POST-CLASS 2** | | | | | |
| Complete problem set 2  There also packages for NLP in Korean: check out this: http://konlpy.org/en/v0.4.4/ | | |  |  |  |