Final Group Project

1. Theme: Implement the dependency parser of Nivre [1] for the Korean Language version and display the sentence with the dependency parser as a parsing tree (must be visualize)

2. Dataset: Sejong National Language Research Institute Language Information Sharing corpus set
Only attachments can be used

3. Evaluation method: Report, Code, Parsing tree

- Report:

① Korean characteristics should be described.
② Nivre's dependency parser should be implemented in accordance with the characteristics of Korean language and should include implementation ideas.
③ Less than 10 words, 10 ~ 15 words, 15 ~ 20 words, one sentence per parsing tree to visualize
④ The contents of the report should include the code and the results of ③.
⑤ Writing like a paper.
⑥ Can be written in Korean. (If you can't write the report in Korean, then you can also write in English.)
⑦ Submit YSCEC upload as a pdf file so that it can be evaluated only with the report.

- Code: Explain each part of the code through annotations

- Parsing Tree Result:

① The results of ③ (Less than 10 words, 10 ~ 15 words, 15 ~ 20 words, one sentence per parsing tree to visualize).
② 2019.06.18. At 3:00 pm, at the Science building hall 225 to evaluate the accuracy of the code made by each team
- Implement 5~10 sentences parsing tree not in Sejong Dataset. After that, the result of parsing tree is captured and uploaded to yscec.
(All team members do not have to attend.)

4. Submission date:

- Report submission and location: **2019.06.18.** Submit directly from Science

Building 225 at 3 pm.

- YSCEC upload: upload to yscec until 2019.06.18 2:59 pm

- The contents of the report submitted by the user and the report uploaded must be the **same**.

5. Note:

- Must be implemented for "**Korean Language(=한글)**". (not English version)
- Do not implement Nivre's thesis as it is, but make use of Korean characteristics.
- No delay

  (2019.06.18. If you submit report later than 3:00 pm, or if you do not attend the implementation date, it will be considered as not reporting.)

Reference

[1] Nivre, J., Incrementality in deterministic dependency parsing, Proceedings of the Workshop on Incremental Parsing: Bringing Engineering and Cognition Together, 50–57, 2004}