

Introduction to Computational Linguistics (Exercise 4)

Solve the given problems and send the answers to pavlina@pu.acad.bg, please mention your name and student id.

Part 1

Choose 6-7 simple English sentences with different syntactic structures and write CFG that generates them. Draw the correct parse tree for each sentence. Does this grammar generate (syntactically or/and semantically) incorrect sentences? If the answer is “no” - explain why, if it is “yes” - show examples.

Part 2

Write down your experience with the following parsers:

- The Link Grammar parser
<http://www.link.cs.cmu.edu/link/submit-sentence-4.html>
- Colorado parser
<http://sds.colorado.edu/SEPA>

Please, let me know (until Wednesday, May 10) if you will write a project or you will make a test on May 17th.

Determination of final grade: 50% homeworks, 50% project or test.