

Homework 2

(10 points)

Context free grammars

1. Extend your lexical analyser to recognise nested Modula-2 comments (see lecture) using start conditions. Count the number of comments and calculate the maximum nested comment level in the program. **(3 points)**
2. Write a context-free grammar for the Mini-Pascal language in the BNF form, based on the sample.pas program. **(7 points)**