

1. Reading: D. Kozen *Automata and Computability*, Lecture 26
2. The main message of this lecture:

A paradigmatic application of context-free languages is in compilers. A compiler scans an input program and first performs *parsing*, a procedure that determines a syntactic structure of the program, and then generates a code of the program in a specific low level programming language. We consider some typical examples of parsers.

Lecture 26 from Kozen's book does a very good job, and we will follow the examples from there.

Homework problems. Kozen, p.338 # 92.