

Compilers Project

- 1. Program Atoms | Lists
- 2. Atoms Atom Atoms' | ε
- 3. Atoms' Atom Atoms' | ε
- 4. Atom \square constants | string | Boolean | ϵ
- 5. Boolean 🔁 t|nil
- 6. Lists List Lists' | ε

- 9. Statement | Function Statement | Dotimes | when | IF | ϵ
- 10. Statement' AtomsIdentifier | Lists
- 11. Dotimes dotimes (identifier constant) Lists
- 12. When when Conditional Lists
- 13. Atoms Identifier \blacksquare Atoms Atoms Identifier' | identifier Atoms Identifier' | ϵ
- 14. Atoms Identifier' \blacksquare Atoms Atoms Identifier' | identifier Atoms Identifier' $\mid \epsilon$

Compilers Project 1

- 16. Operator Arithmeticop | Comparisonop | Logicalop
- 17. Arithmeticop + | | * | / | rem | mod | incf | decf
- 18. Comparisonop = |<|>|<=|>=|
- 19. Logicalop and | or | not
- 20. Reservedword write | read | setq | print
- 21. IF if (Conditional) Lists
- 22. Setq setq identifier Setq'
- 23. Setq' IdorConst | Lists
- 24. Incf incf identifier Incf '
- 25. Incf' IdorConst | Lists | ϵ
- 26. Decf decf identifier Decf'
- 27. Decf' IdorConst | Lists | ϵ
- 28. Conditional (Comparisonop IdorConst IdorConst) | Boolean | identifier
- 29. IdorConst identifier | constant

Compilers Project 2