

CS536 Project 3

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Using the parser generator Java Cup to create a parser for the JLex language. Writing rules that check for syntax and syntax correctness, then use these parsed statements to build the AST for the input file. The input file contains the code that correctly parses into the AST and creates a node for all the specified nodes in the ast.java file.

The input file tests everything below:

- a. Operators
- b. Different types of variables
- c. Structs and accesses by using the dot operator.
- d. Calling function
- e. FnBody functions
- f. DeclNodes of various types