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Project 3

We use the parser-generator Java Cup to write a parse for the cflat language.

In cflat.cup, we implement grammar rules inside the cflat.grammar.

In ast.java, we write unparsed methods for sake of testing.

In test.cflat, we test the grammar thoroughly such as precedences, associativities, declaration, and function call, etc.

Note:

There will be no comments in the output.

The test.out will be "pretty printed" (newlines and indentation will be used to make the program readable);

Expressions will be fully parenthesized to reflect the order of evaluation.