CS 536 Project #5

Contributors

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Program Details

We wrote a type checker for C-- programs represented as abstract-syntax trees.

Run

First, go to the working directory.
$ cd $WORKING_DIR

Then, execute make to compile the program
$ make

Finally, execute the following command to test the input file "test.cminusminus" and "nameErrors.cminusminus"
$ make test

The program reads both files and writes the unparsed result to "test.out" and outputs the errors to the terminal.

Test Cases

typeErrors.cminusminus contains code with errors corresponding to every type error listed in the homework page. We also provide some comments indicating what errors and the number of errors they have.

test.cminusminus contains code with no errors that exercises all of the type checking methods.