
CS335: Milestone 2

README FILE

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This is the readme file for the given assignment.

Unzip the file.

Keep the Makefile, scanner.l, parser.y and java files for testing.

Clean the make file using the following command:

`make clean`

The `java_lex.l` lexer file performs the lexical analysis and the tokenization process of the given java program. The `parser.y` file is the yacc implementation for the parsing of the given program, symbol table generation and type checking.

We use the makefile and build all the other required files using the make command. This will make all the executable files.

We made a parent table for the global scope and then nested tables for all the nested scopes. The nested tables would be stored as the children of the parent.

For type checking, we implemented functions in our `.y` file.

We then run the command following commands:

`./parser ../tests/test_1.java`

Give the name of the java file in the place of `test_1.java` each time you want to run another file .

FOR MILESTONE 1:

Run `dot -Tpdf output.dot -o AST.pdf` to generate the pdf file `AST.pdf` containing the required AST for the program.