CS335A Compiler Project Milestone 1

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Instructions

Use the `Makefile` provide in the `src` directory to compile the parser.
`milestone1/src$ make`

It produces an executable `./parser`. Now this executable can be used along with flags to parse an input program and generate the corresponding AST. Following is the usage of the flags.

```
Usage:  ./parser <flags>
--input <input_file_path>:  Specify the input program file
--output <output_file_path>:  Specify the output dot file
--verbose:  Generate additional details about parsing in "verbose.log" file
--help:  Prints information about flags to help the tester.  The output is printed in standard output.
```

Running the `./parser` executable parses the provided input file and produces the DOT file `tree.dot` and the PDF file `tree.pdf` if no output file is provided, otherwise a DOT file with the give name and a corresponding PDF file is generated. If input file is not specified then standard input is used.