CS335: Compiler Design
Project Milestone 1

Group 6

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1 Milestone 1

1.1 Tools used:

Flex, Bison, g++, C/C++

1.2 Compilation instructions

In the `milestone1/src/` directory, run the following command to generate the executable `main`:

```
make all
```

1.3 Execution instructions

Let's say the input file is `input.py` and the output file is `output.pdf`. The `-verbose` flag is optional. In the `milestone1/src/` directory, run `main` using the command:

```
./main -verbose -input input.py -output output.pdf
```

This will generate the AST in `output.pdf` and the log files containing debugging information in `lexer.log` and `parser.log`.

1.4 Command line options

```
Usage: ./main [-verbose] -input <input_file> -output <output_file>
  -input: Input file to parse.
  -output: Output file to save the AST.
  -verbose: Show verbose output.
```