

CS335: Compiler Design

Project Milestone 2

Group 6

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1 Milestone 1

1.1 Tools used:

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

1.2 Compilation instructions

In the `milestone2/src/` directory, run the following command to generate the executable `main`:

```
make
```

1.3 Execution instructions

Let's say the input file is `input.py` and the output directory is `output_dir/`. The `-verbose` flag is optional. In the `milestone2/src/` directory, run `main` using the command:

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

This will dump the symbol tables in CSV files and 3AC in `3ac.log` in `output_dir/` and the log files containing debugging information in `output_dir/lexer.log` and `output_dir/parser.log`.

1.4 Command line options

Usage: `./main [-verbose] -input <input_file> -output <output_dir>`

`-input`: Input file to parse.

`-output`: Output directory to dump the symbol tables and the 3AC.

`-verbose`: Show verbose output.