

# CS 335: Assignment 1

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**Summary.** I used the `lex` software package and `Python3.7` for this assignment. The `run.sh` script installs the necessary python packages and runs the program on the four sample tests in the `./tests` folder. Please replace `$python` in `run.sh` with your python alias.

**Compilation.** Run the following command to install the necessary packages for python3

```
local-python -m pip install argparse PrettyTable ply
```

where please replace `local-python` by your python alias.

**Execution.** Run

```
python main.py test-file | sort > output-file
```

to execute the program. Optionally, you can pass the `--pretty` flag for a more readable output

```
python main.py test-file --pretty > output-file
```

Note, that the later command (with `--pretty`) is not be ideal for checking the output with a `diff` or `vimdiff` commands.