

# CS335-Compiler-Design

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## Tools Used

- GraphViz
- flex
- bison

## Implementation

The following syntactic structures are supported:

- Assignments
- Arithmetic
- If statements
- While loops
- Break statements
- Continue statements
- Function statements

## Using

Put the path of the file to be generated AST for in the Makefile `INPUT_FILE`:

```
1 INPUT_FILE = ./test.py
```

Post this, run the following commands:

```
1 make
2 make run
```

This will create an `output.pdf` file, which contains the AST of the code input.