CS 335 Semester 2019–2020-II: Assignment 1

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1   Tools Used for building Lexer

- I used **Flex** to generate the lexer for JAVA in C++

2   Compilation and Execution Instructions

2.1   Compilation

Following generates the executable for lexer

Listing 1: Compiling using bash

```
flex lexer.lex
g++ -o lexer lex.yy.c
```

2.2   Execution

Following generates the executable for lexer

Listing 2: Executing using bash

```
./lexer < test_1.java > test_1.out
```

3   Executing using the script

It generates the output and put it in the test_1.out file.

Listing 3: Executing using script

```
chmod 700 run.sh
./run.sh test_1.java
```