

CS335 Project : Mile Stone - I

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1 Tools Used

For this mile-stone **Flex** was used for generating lexer and **Bison** was used for generating the parser and the AST. The AST supplied by the parser is in **Dot** format so in order to get the graphical view of the parsed program. **Dot** tool of **Graphviz** was used.

2 Execution Information

- First of all give the required permission to the bash file *myASTGenerator* the command is "**chmod 700 myASTGenerator**".
- The next command to get the output for the required input is :
./myASTGenerator -input=testcase -out=output_dot_file where "*testcase*" is the input java file, "*out_dot_file*" is the name of the dot file where you need the dot output to be.
- In the same folder lies the file "*graph.ps*" which contains the graphical format of the parsed program.
- If any help is required then run the command **./myASTGenerator -h** or **./myASTGenerator -help** to get the instruction on how to run.