

UNIVERSITY OF MEMPHIS

COMP 4040 - PROGRAMMING LANGUAGES

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**Abstract Class Grammar – Project
Execution Instructions**

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1 How to Compile and Execute

The code is compiled using the `antlr-4.5.3-complete.jar` file, the `AbstractClass.g4` grammar file, and the Java compiler. For this step I am also assuming you are using a bash shell.

Run the command

```
./parse.sh <file name>
```

to execute the grammar application. The application should now be running.

2 How to Use the Application

The application simply parses the text within the file fed to the `parse.sh` script. If no file is fed or an invalid file is fed, you will be presented with an error. Otherwise, you will be presented with a gui representation of the parse tree, and errors (if there are any) will be printed to the console.