Need a better understanding of what a startRule is and what rules are in general. What can be chosen as a startRule for a given code without giving errors? How are tokens made without the grammer?

\*lexEngine is made using grammer and file and then tokens are made using lexEngine then parser is made using grammer and lexEngine. Finally, a ParseTree is made using the parser, grammer, and startRule

Learned how to print the text at a specific node:System.***out***.println(Trees.*getNodeText*(Tree t, Parser p));

Added the **public** **static** **void** DFS(Tree t, Parser p function to TestFile2 to traverse the tree depth first and print the text at each node.

Looking for a way to use the test function. Input some values and return what it would return. Possibly in the ‘actions’ section of the ANTLR documentation.

http://media.pragprog.com/titles/tpantlr2/listener.pdf

Noticed that when a tree is printed, parentheses are used to separate subtrees

Found “The Definitive ANTLR 4 Reference Book.” Looking for descriptions on how to use the parse tree to run a specific code. Considering either ‘actions’ or ‘listeners and visitors’.

Using chapter 3 I was able to create a translator to convert the input text into what I wanted. I will start attempting to make one for R.g4. I had to copy the files from target -> generated -> antlr4 to the (default package) folder in src.

Had to remove this line in some files

**static** { RuntimeMetaData.checkVersion("4.4", RuntimeMetaData.VERSION); }