

Compiling Yacc Files

- Open the command prompt.
- Move to the directory that the Yacc file is located.
- Run the following command.
 - `bison parser.y`
- Compile files.
 - C
 - `gcc lex.yy.c parser.tab.c -o target`
 - All `.c` files need to be included in the line above.
 - C++
 - `g++ lex.yy.c parser.tab.c -o target`
 - All `.cpp` files need to be included in the line above.
- Run the executable file.
 - `target`

“parser.y” and “target” are arbitrary names (.,.)

Adding “-d” will also create a “parser.tab.h” file which has token type definitions needed to be included by the Lex file. This has to be generated every time a change is made to the token definitions.

Adding “-v” will generate “parser.output”, a state machine file that helps debugging the parser and resolving conflicts.

```
\SampleProject>flex scanner.l

\SampleProject>bison -d -v parser.y

\SampleProject>gcc lex.yy.c parser.tab.c -o target

\SampleProject>target
```