

4. What does the following lex directive achieve? What is likely to occur if it is removed from the lex file in which it is used?

```
%option noyywrap nounput noinput
```

5. What is the default C type for terminals and nonterminals of a yacc grammar? How may it be changed? How may we use different types for different nonterminals in yacc?

6. Provide a yacc code fragment that implements a string concatenation operator '+' (e.g., `alpha + beta` should yield `alphabeta`).

10. What is the default action associated with a yacc rule?

11. Provide a *make* rule that generates a PDF *foo.pdf* file from a PostScript file *foo.ps* (for all values of *foo*).

12. Provide **good** test input for the graph calculator, and the expected output. Your input should be designed to make it unlikely that an incorrect implementation produces the correct output.