This assignment is due by e-mail to Robert Pringle (`pringler@unbc.ca`) by Thursday 2007-09-13 at 14:30.

1. Answer question 4.4 on p. 115 of *Louden*.

2. Write a regular expression for string tokens in C++. Try to make sure that your expression deals with "\" characters properly. In particular, your regular expression must recognize `"\""`. Handle new-lines properly too.

3. Write a small C++ program that recognizes Maple floating-point tokens. That is, the program should produce as output something like:

```
"34.Q"        is not a Maple floating-point token.
"34."         is     a Maple floating-point token.
"-.0E0"       is     a Maple floating-point token.
```

when run as "./test-floats < data-in.txt"