Homework 4 - Due Wednesday, Feb. 25

ApptBook.C: Revise your appointment book program so that the user can save all
appointments to a file, and read appointments from a file. The user should have a
chance to specify the name of the file.

Saving to a file should create a new file and write all appointments to that file.
Reading from a file should obliterate all the currently stored appointments and
read in every appointment in the file.

The file format is as follows:
Line 1 conists of an integer telling the number of entries stored in the file. Each
line after that contains a Time followed by a tab, Date, a tab, and a Subject for one
appointment. You should not assume the file is sorted. A sample appointments
file is in `~bryan/cs220/files/myappts`.

Balance.C: Write a program that reads input (without prompting) until it reaches an
end-of-file. The program then reports whether all pairs of (), [], and {} were
balanced. Note that [( )] is balanced but [( ]) is not. Another couple of
examples:

```
((a + b) + (cd)(e(f)))(g)      is balanced
{ if ((a==b[3]) || (b[2] = b[3])); }      is balanced
{ while (b[i] != 7)      is not balanced
```

(This is similar to Programming Project 4.2 from the book.. you might read that
for hints)