cisc 1110 fall 2010

exercises for class VIII.1

1. Download the sample data file from the class web page (linked on today's section of the syllabus page: `http://www.sci.brooklyn.cuny.edu/~sklar/cisc1110/notes/games.dat`).
   Have a look at the file. Note that there are **65** lines in the file:

   - Lines that start with a # are considered like "comments" and do not contain data.
   - Lines that do contain data are called *data records*. (These are the lines that do NOT have a # as the first character in the line.)

2. Write a program that counts how many data records are in the file.

3. Write a program that computes the average "Impact Factor" for the queries listed in the file.

4. Write a program that finds the query with the highest "Query Popularity."

5. Write a program that finds the query with the lowest "Query Popularity."

6. Write a program that asks the user to enter a query and searches for the user's query. If the user's query is found, then display the statistics for that query. If not, then display a "not found" message to the user.