More Queries on the Elements Database

To do this exercise you will need to have installed a browser and editor for SQLite databases. See the instructions on Blackboard for installing either the *DB Browser for SQLite* standalone application or the *SQLite Manager* add-on for Firefox.

A. Restoring the elements database

Restore the small "elements" database using the SQLite script `elements.sql` from Blackboard (or just open the `elements.db` file), as per the previous exercise involving this database.

B. Querying the elements database

Now try performing the following queries on the database.

1. The "diatomic non-metal" elements in our database are those with atomic numbers 1 and 7 to 9. Write an SQLite query that will display the names of these elements in alphabetical order.

2. The "alkili metal" elements in our database are those with atomic numbers 3, 11 and 19. Write an SQLite query that will display the atomic numbers, names and symbols for these three elements, in that order, listed in order of their atomic number.