Practice Problem: Airport Data

The data directory contains a file with information about airports around the world. The codex/meta-data for the data is as follows:

- index
- name
- city
- country
- IATA code
- ICAO code
- latitude
- longitude
- elevation
- ?
- ?
- timezone
- ?
- ?

Most of the fields are strings except for the index, latitude, longitude, elevation, and the code following elevation (which is unknown).

Things to try (write code == write test + write code):

- Write the code to read the data line by line in a main method. Suggestion: write a class called "AirportApp" with the main method contained in it.
    - `public static void main(String args[])`
    - Use the `File` class to read data from a file contained in the data directory.
- Create the following classes
    - An `Airport` class that contains the fields for storing the data listed above
    - An `AirportDB` class that stores the full list of airports.
- Write the methods needed to parse the airport data into `Airport` objects and the `AirportDB`
- Write methods in the `AirportDB` for finding specific airports and returning things like the latitude and longitude, or the full data for the airport.
- Write a command-line program for searching for airport information.