**Assignment Capitals with File Reading**

Now we put everything together. We will use file input in combination with our previous assignment. You may need to refer to lesson 22 on file input as you do this assignment.

Find the text file called "Capitals.txt" in the data files folder. If you open it, you will see that it contains all of the provinces and territories, with their respective capitals.

Your task is to add to the beginning of your previous capitals assignment the following:

* open the file "Capitals.txt"
* read the provinces into the province array and the capitals into the capitals array
* close the file
* Continue with remainder of program

When you are done, your program should work just as it did before.

**Note**: Remember that you will have to get rid of the newline character using the strip() function. See the end of chapter 22 on file input for reference.

When you are successful, hand it in.