

1. Write a program that reads and displays every line in a file named test.txt.
2. Write a program to read and display the second character of each line in the file named test.txt.
3. A data file consisting of a group of lines has been created. Write a function named printLine() that reads and displays any line of the file. For example, the function call:

`printLine(fstream& fName,5);`

should display the fifth line of the passed object stream.

4. a. You have collected information about cities in your state. You decide to store each city's name in a file. Write a C++ program to accept data for a number of cities from the keyboard and store the data in a file in the order in which it's entered.

b. Read the file created in a., sort the data alphabetically by city name, and display the data.