- *12.7 (NumberFormatException) Write the bin2Dec(String binaryString) method to convert a binary string into a decimal number. Implement the bin2Dec method to throw a NumberFormatException if the string is not a binary string.
- *12.10 (*OutOfMemoryError*) Write a program that causes the JVM to throw an OutOfMemoryError and catches and handles this error.
- **12.11 (Remove text) Write a program that removes all the occurrences of a specified string from a text file. For example, invoking

java Exercise12_11 John filename

removes the string **John** from the specified file. Your program should get the arguments from the command line.

*12.13 (Count characters, words, and lines in a file) Write a program that will count the number of characters, words, and lines in a file. Words are separated by whitespace characters. The file name should be passed as a command-line argument, as shown in Figure 12.13.

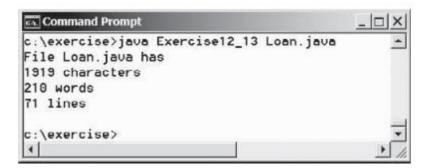


FIGURE 12.13 The program displays the number of characters, words, and lines in the given file.

*12.14 (*Process scores in a text file*) Suppose that a text file contains an unspecified number of scores separated by blanks. Write a program that prompts the user to enter the file, reads the scores from the file, and displays their total and average.