

Lesson 3 Assignment

For this lesson, I'd like you to read a text file I've included with this assignment. The text file contains some simple program code and comments. (You could also use a file of your own creation.)

[Download Lesson 3 Assignment 3 text file](#)

For this exercise, we'll assume that all comments begin with two slashes (//) and that the slashes are in the first two positions of the line. Write a program to read the input file, find all the lines with comments, and write the comments to an output file. The net result will be a file containing just the comment lines from the input file.

To do this exercise, use the Scanner class `nextLine()` method to read a complete line at a time. Put the line into a String variable, and check the first two characters to decide whether to write the line to the comment file. The method `indexOf()` in the String class gives you an easy way to check for one string in another string and find its location.

Once you've completed the assignment, click the link below to see a sample solution:

[Lesson 3 Assignment Solution 1](#)

If you want to go a step further, have your program create two output files. The first should be the same as above, containing all the comment lines from the input file. The second should contain all the other lines—the ones that are not comments.

[Lesson 3 Assignment Solution 2](#)

If you want another challenge, try finding the comments that do not start in the first column using the String class `indexOf()` method and write them to the comment file, too.

[Lesson 3 Assignment Solution 3](#)

Let me know in the Discussion Area if you have any questions about this assignment.

