

PROBLEM 2

PROBLEM STATEMENT

An upper classman offers to rent you his copy of the Java text book so you don't have to buy it. He will rent it to you for \$4/week. The bookstore sells the current textbook for \$75 and will buy it back from you for half price. Calculate how much you will save (or lose) by renting the book for 16 weeks (full semester + finals week).

Suggested formula:

purchase = cost - 0.5 * cost
rent = weeklyRent * numWeeks
difference = purchase - rent

Create the program based on your knowledge from the first problem. If you need assistance, ask your instructor. Create a class called BookCalculation. Think about the variables that you identified for this problem. Display the result to the console window.

Using the calculations from the console window, is it better to rent or buy the textbook? Rent

Difference: \$ - 26.5

Signoff

When you answer all of the questions, contact your instructor to check if your answers are correct and review your work. Your instructor will initial the line below.

ICB Successful completion of practice exercise

If you do not finish the practice exercise, contact your instructor to review your work and initial below.

_____ Practice Exercise not completed during lab time

You may then submit your work at the start of next class. You may not use the work period of the next class to complete this assignment. If you do not have a signature, then you cannot receive any points for this assignment.