CS 2163 JAVA

Assignment 2

**Assignment worth 40 points**

The assignment is a modification of Programming Exercise 5.47(Page 203)

In addition to the specifications in the textbook, write a program that does book inventory each day. The program must calculate books returned or checked out. For each book, check the ISBN. If the ISBN is invalid, display an error message and reaccept the ISBN. If the ISBN is valid, check if the book is being returned or being checked out. At the end of the day( you decide on how you wish to continue in the loop), display the count of books process, returned or checked out.

*Complete the program and upload the solution for this problem using your last name…for example Mathew\_Assignment2.java.*

**Assignment Grading Sheet**

|  |  |  |  |
| --- | --- | --- | --- |
| Grading Criteria | Total Points | Points Deducted | Comments |
| ISBN accepted and checked | 10 | -10 | Did not accept any input entered |
| Loop exits only if a valid ISBN was entered | 5 | -5 | Did not accept any input entered |
| Calculations for checking of book status | 5 | -5 | Did not accept any input entered |
| Inventory processing counts calculated and displayed only. | 5 | -5 | Couldn’t get this to work – logic within your code was confusing (ex. Total number of transactions would have been zero since you had offsetting logic count++ and count --) |
| Loop to process multiple transactions | 5 | 0 |  |
| Good documentation – indentation, variable names etc. | 5 | 0 |  |
| File saved and uploaded correctly and program compiled with no errors | 5 | 0 |  |
| Total Points | 40 | 15 |  |