

Programming Assignment Lesson 13: Binary I/O

Program Problem: Store Loan objects

Write: The loan class listed in your textbook in Chapter 10 (it is listed in Blackboard as loan.txt.) doesn't implement Serializable. Rewrite the loan class to implement Serializable. Write a program that creates five loan objects and stores them in a file named **LastnameSerial.dat**

Documentation: You must use a readable, logical, and coherent set of style and formatting rules. You are to stick to the "structured approach" in programming. Be sure to comment your code in addition to the required header. Each submission must have a block comment area that includes: Your first and last name, program exercise title, program due date, and the program description.

Submission Details: All submissions are electronic. When you turn in a programming assignment, you must send me a compilable and correctly working copy of the assigned program source code. I will, at my discretion, compile and run (on my own test input) the programs you submit electronically. This is a part of my grading procedure. Your program must work. That means it must compile correctly, run according to specifications, and give correct results. Generally, a program that works will receive at least 40-50 percent of full credit. The rubric used for scoring is visible to you so please review it before you submit your assignment. Submit your source file not a link to an online compiler, text file, or executable file. Save your java file **<lastnameBinary.java>**, include your output file **<lastnameSerial.dat>** with the submission as well as a word document with screen snips from your run.

For full credit, your program must also meet the following criteria:

- Good design, including good algorithms.
- Good form, including documentation, and readability.
- Adequate testing, especially the testing of data boundaries and special cases.

You need to do a good job on all the criteria to receive an "A" on your program.