

Given an AI prompt in the file, 'AI\_Prompt.txt'. Use this in your AI of choice. The output should be a java program that shall be compiled without errors and contains multiple components. It is your job to use the code from an AI output and try to achieve a clean compile without errors. This will require you to create a VS Code Java project, copy the files into the '\src' folder, and 'Run' the code. You will encounter many errors and frustrations. This lab is designed to increase your critical thinking with using an AI to program a software system.

1. What Gen AI system you used (give URL) (type into the Assignment's "Text Box" for submission)
2. Screen shot of the VS Code running. (See example of 'My running program:' below.)
3. The 'AI\_Prompt.txt' file **ONLY** if you changed it (I hope you did...) to improve the generated java code.
4. The java code files.

```
Lab2_AI/bin/LibraryManagementSystem
wjohnson6@MBPWGJ2021 Lab2_AI % /usr/bin/env /Library/Java/JavaVirtualMachines/temurin-17.jdk/Contents/Home/bin/java -cp /Users/wjohnson6/Documents/VSCODE_PROJECTS/Lab2_AI/bin LibraryManagementSystem
Welcome to the School Library Management System!

LIBRARY MANAGEMENT SYSTEM

1. Book Management
2. Member Management
3. Borrowing & Returning
4. Search Books
5. Display Reports
6. Exit

Enter your choice: 6
Thank you for using the Library Management System!
wjohnson6@MBPWGJ2021 Lab2_AI %
```