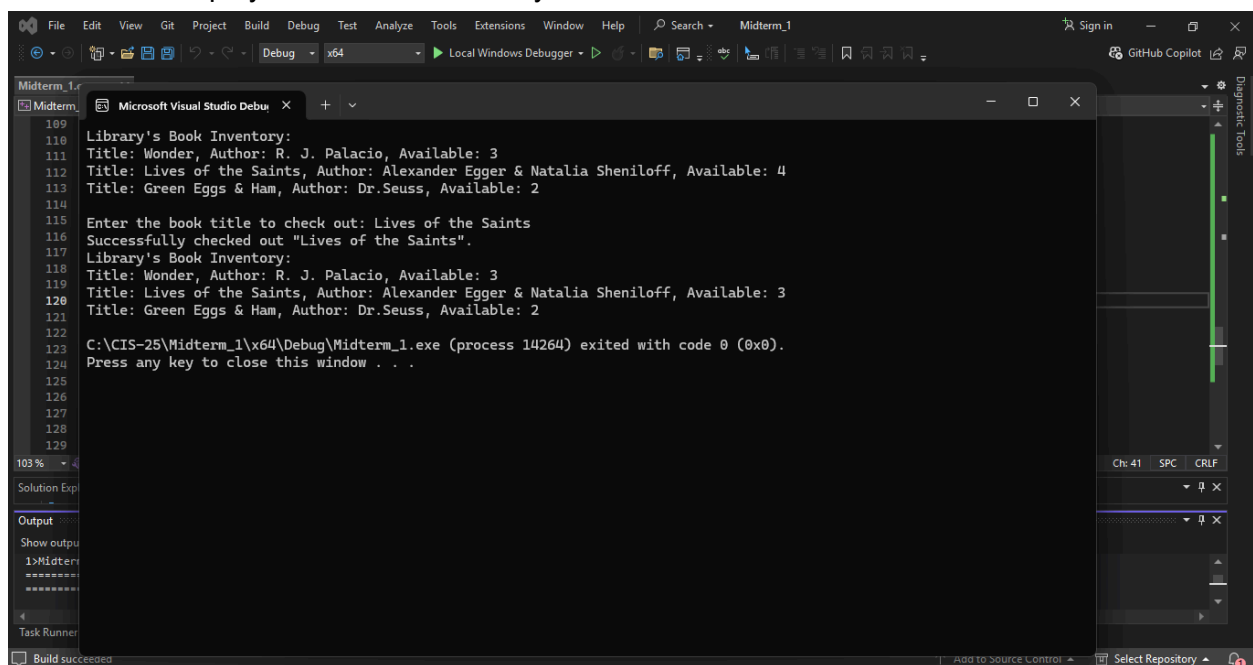My program is a Library management system that has a collection of books using dynamic memory and prompts/allows users to check out books by title. Inventory is stored in a .txt file so changes persist across sessions. Also uses a binary search to search and checkout the books wanted.

- There are two classes Book and Library
- The code uses spring , int, fixed-size arrays, and pointers to dynamic objects
- 'Book* books[50]' is an array of pointers to dynamically allocated the book instances
- Uses binary search-> efficiently finds books by title within a sorted array
- And book titles and authors are stored and manipulated as strings
- Uses .txt file for saving and loading book data with ifstream and ofstream
- My code also has functions like clearInventory() to prevent duplication

I would say the hardest part was handling getline and fixing the code to have clearInventory, because the display showed the inventory twice the first time around.