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Final Project: The Better Version of “Goodreads”

The purpose of my final project is to create a search and update system for a library of books. I am an avid reader and love to track lots of data about the books I read. In 2023, I read 100 books exactly (I barely finished the last one a few hours before midnight). That means I had a lot of data I needed to keep track of when it came to those books. Because of this, I turned to the website Goodreads. Unfortunately, there is a lot wrong with the way Goodreads creates its system, which makes it challenging. To remedy this, I decided to make my own version for this project. Obviously, I have a long way to go before this is anything like Goodreads, but I appreciated knowing that I could create something similar to that of a public website. Programs like these are useful because readers can keep track of the books they read.

My code is centered around CSV files and the custom Book class that I created. All accounts and book lists are kept in CSV's and all attributes of the books are kept in Book objects. This means that this program can be run on any machine even if it does not have any data about books initially. The program itself is relatively simple at the moment. Currently, there are 3 tasks that one can complete: add a book, search for a book, or rate a book. The reason rating a book is separate from adding a book is because you may have bought the book but not read it yet so it's on your bookshelf but you can't rate it yet.

There are no special instructions to run the code. It will walk you through each step of the process.