



Lab 3 – Basic Book Class

The coded solution to the following problem is to be done by you and only you. You may ask for help only from the professor and the tutors, and no one else. You may use your texts, notes, online tutorials, etc., but the code must be your own. Bear in mind that the professor and tutor are helping you with your C++ problem and not writing your program! If you have trouble compiling or debugging your code, see the professor or tutors as soon as possible. If none of us are available, you may email your question to your professor directly.

Problem Statement:

Create a Book class, read file containing book info, then generate a report

- Use code contained in the zip file as the basis for your program
- Unzip code and make sure program runs properly
- Implement all functions prototyped in the Book.h class definition
- The report for each book should look something like this:

Utopia | Type: Paperback Pages: 176 Weight (lbs): 0.25

- Use the code found in the main function to read the data from the book file
- For each book: read from file, create book object, format the report line, and then cout the result
- Verify that the output is correct and matches the data files
- **DO NOT** modify the existing class definition and prototypes in Book.h
- **DO NOT** duplicate code! If you have a function to do something you should use it rather than repeat identical code to accomplish the same thing.

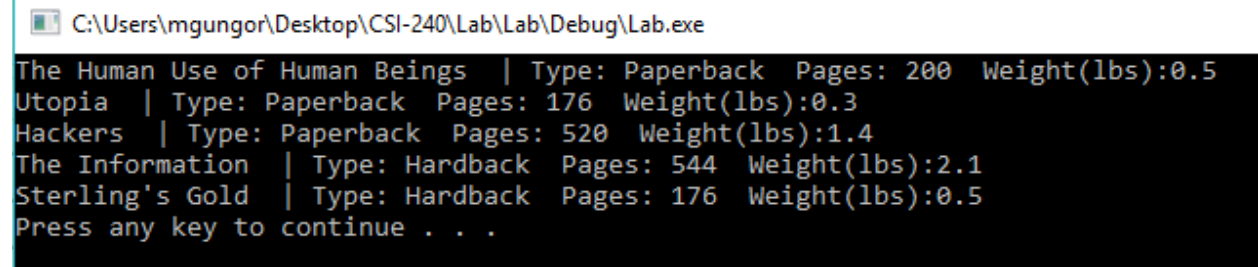
Additional Requirements:

- Follow the coding standard!
- All code must be submitted through Canvas before the deadline.
- All work must be that of your own and your lab partner. Others may help in identifying bugs and compile errors but not in writing the code.
- Include all necessary files in a .zip file (include any data files) and submit it via Canvas
- You will receive 0 points if your code does not compile and link.

Grading:

- Code functions properly without modifying any of the prototypes contained in Book.h = full credit.

Sample output:



```
C:\Users\mgungor\Desktop\CSI-240\Lab\Lab\Debug\Lab.exe
The Human Use of Human Beings | Type: Paperback Pages: 200 Weight(lbs):0.5
Utopia | Type: Paperback Pages: 176 Weight(lbs):0.3
Hackers | Type: Paperback Pages: 520 Weight(lbs):1.4
The Information | Type: Hardback Pages: 544 Weight(lbs):2.1
Sterling's Gold | Type: Hardback Pages: 176 Weight(lbs):0.5
Press any key to continue . . .
```