

Project 3 Analysis

- I spent a cumulative total of roughly 24 hours working on this project.
- I received help from my uncle on this project.
- The most difficult part of this project for me was when my functions became so lengthy that my code became difficult to navigate. Consequently, it became difficult to remember what they were supposed to do.
- Below is a table of scenarios where a non-zero error code is returned.

Scenario	Error Code
-i switch not followed by the name of a file	1
Input file does not exist	2
Invalid command input	3
-o switch not followed by the name of a file	4
Output file fails to open	5

- I have three pieces of advice for students who work on this bookstore project in the future. The first is to test frequently and extensively, using multiple files, because if you only use the file your professor gives you, it could appear to be running fine, when there could be a serious bug. The second is to put a null terminator at the end of each character array you create. I had this issue when I was entering partial ISBN numbers. It was looping through the input and it was not overwriting the ISBN number. The third is to keep your functions short, because my functions became so lengthy that my code became difficult to navigate.
- **EXTRA CREDIT: OUTPUT**
- **EXTRA CREDIT: ISBN**