

# Bookstore GUI

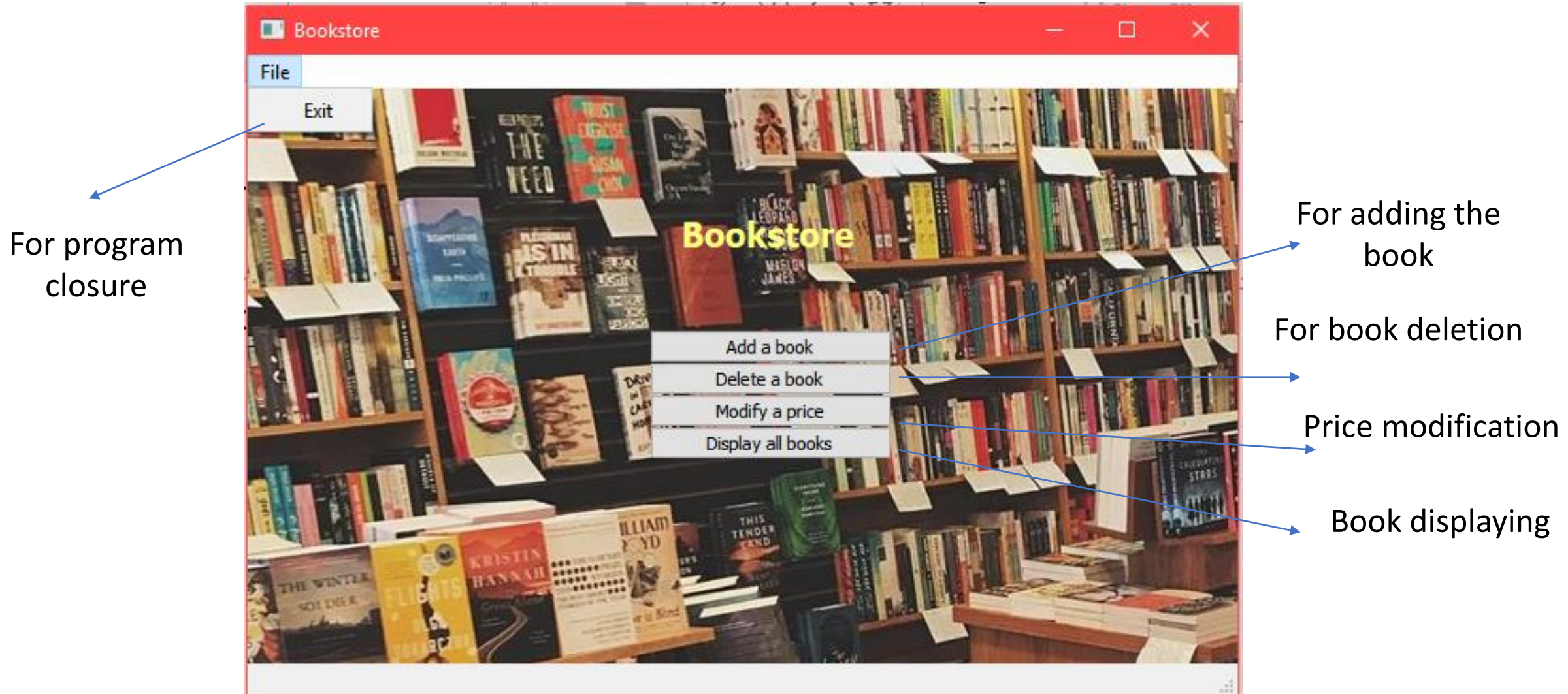
Seif El Din Ashraf Ibrahim

Mahmoud Nasr

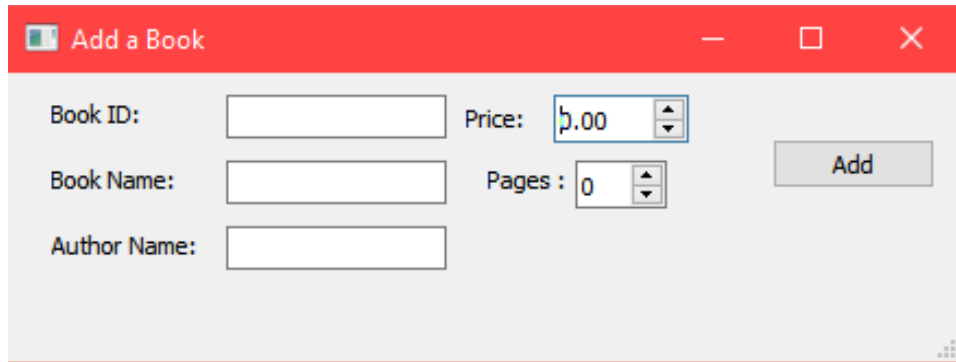
Adham Gad

- This GUI aims to help the bookstore employee to add or delete or modify or display all books.
- The best features:
- We used here is that we used according to the white box testing and how we apply that on the project by lessening the tests and we make more conditions while we designate the GUI
- We implemented the GUI using sqlite3 library and how it made the coding takes less time and it's better for storage rather than spreadsheets.

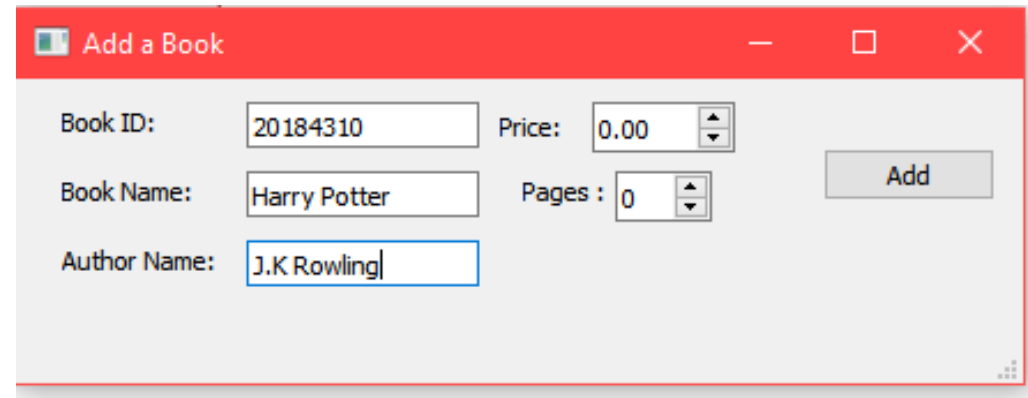
# Main Program



# Adding Book



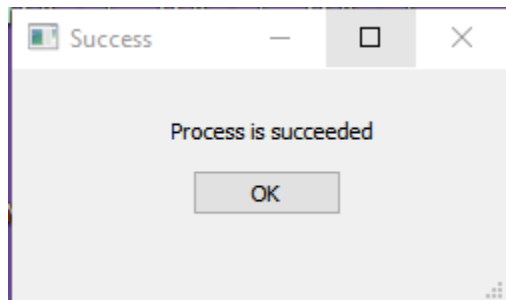
A screenshot of a Windows application window titled "Add a Book". It contains four input fields: "Book ID:", "Book Name:", "Author Name:", and "Price:". The "Price" field is a spinner box showing "5.00". The "Pages" field is a spinner box showing "0". There is an "Add" button on the right.



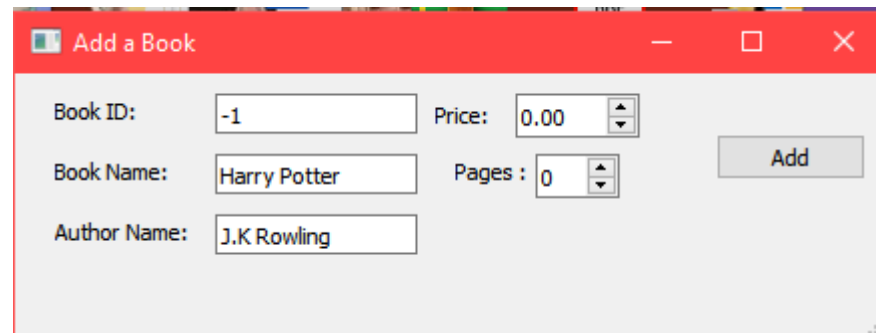
A screenshot of the "Add a Book" window with the following values: Book ID: 20184310, Book Name: Harry Potter, Author Name: J.K Rowling, Price: 0.00, and Pages: 0. The "Add" button is visible.

On clicking Add button

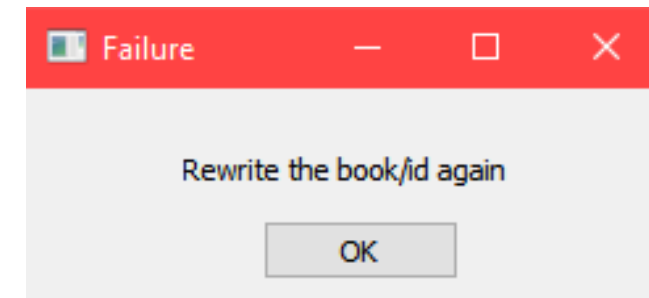
On clicking Add button  
if Book ID is negative



A small dialog box titled "Success" with the message "Process is succeeded" and an "OK" button.

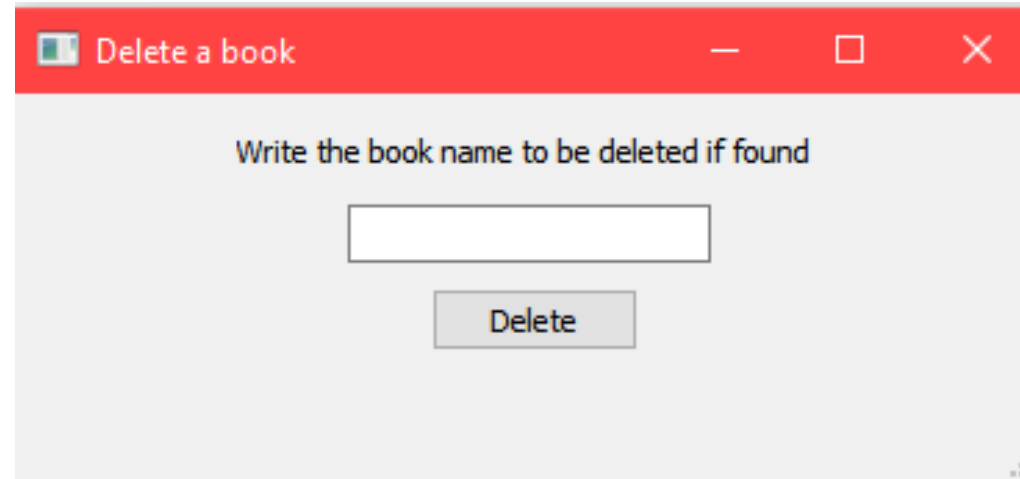


A screenshot of the "Add a Book" window where the "Book ID" field contains the value "-1". All other fields (Book Name: Harry Potter, Author Name: J.K Rowling, Price: 0.00, Pages: 0) and the "Add" button are the same as in the previous form.



A small dialog box titled "Failure" with the message "Rewrite the book/id again" and an "OK" button.

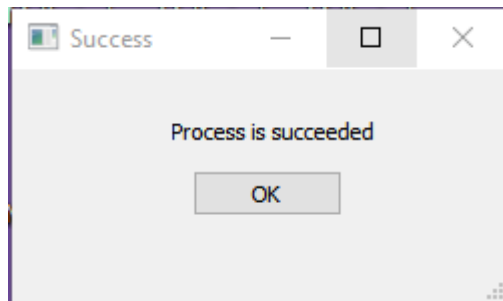
# Book Deletion



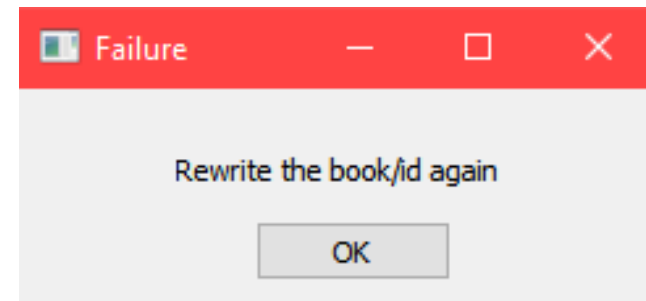
A screenshot of a Windows-style dialog box titled "Delete a book". The dialog box has a red title bar with standard minimize, maximize, and close buttons. The main content area is light gray and contains the text "Write the book name to be deleted if found" in a dark gray font. Below this text is a white rectangular text input field. Underneath the input field is a gray button with the word "Delete" in black text. In the bottom right corner of the dialog box, there is a small icon of a grid of dots.

Writing the existing book in database to be deleted

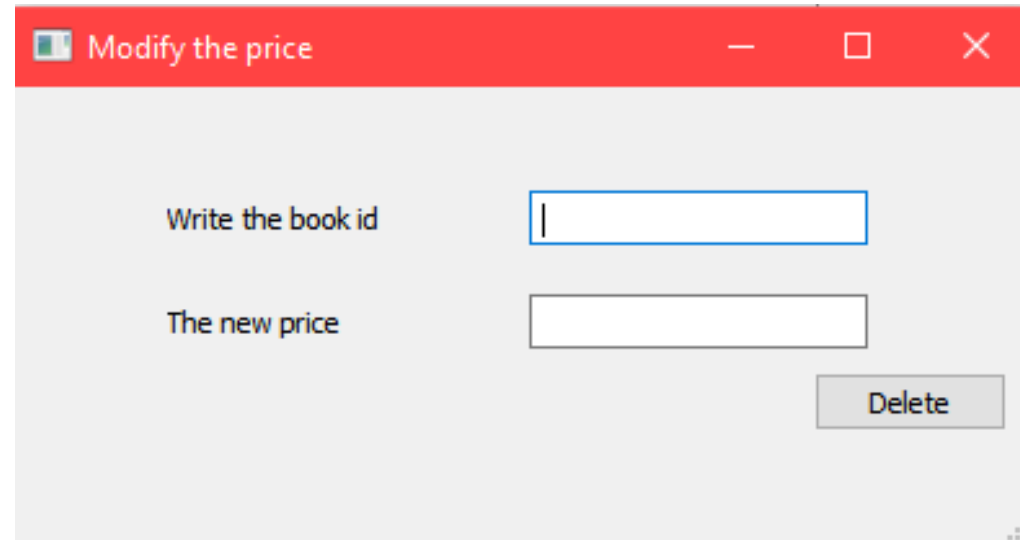
If book exists to be deleted



Otherwise



# Book Price Modification



Modify the price

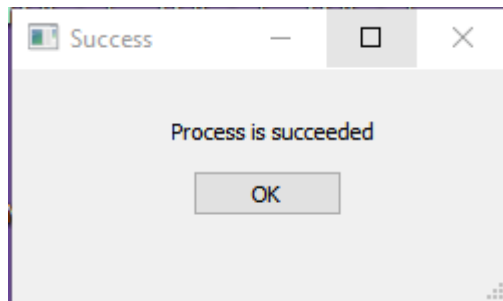
Write the book id

The new price

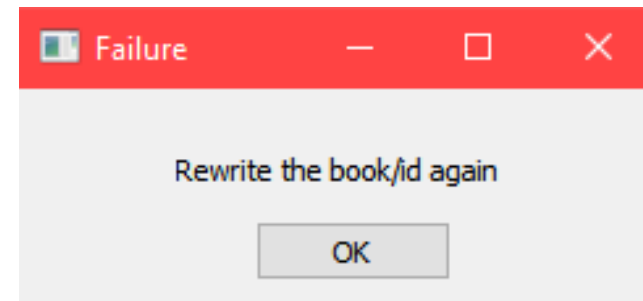
Delete

Writing the existing book in database to make its price modified

If book exists to make its  
price be modified

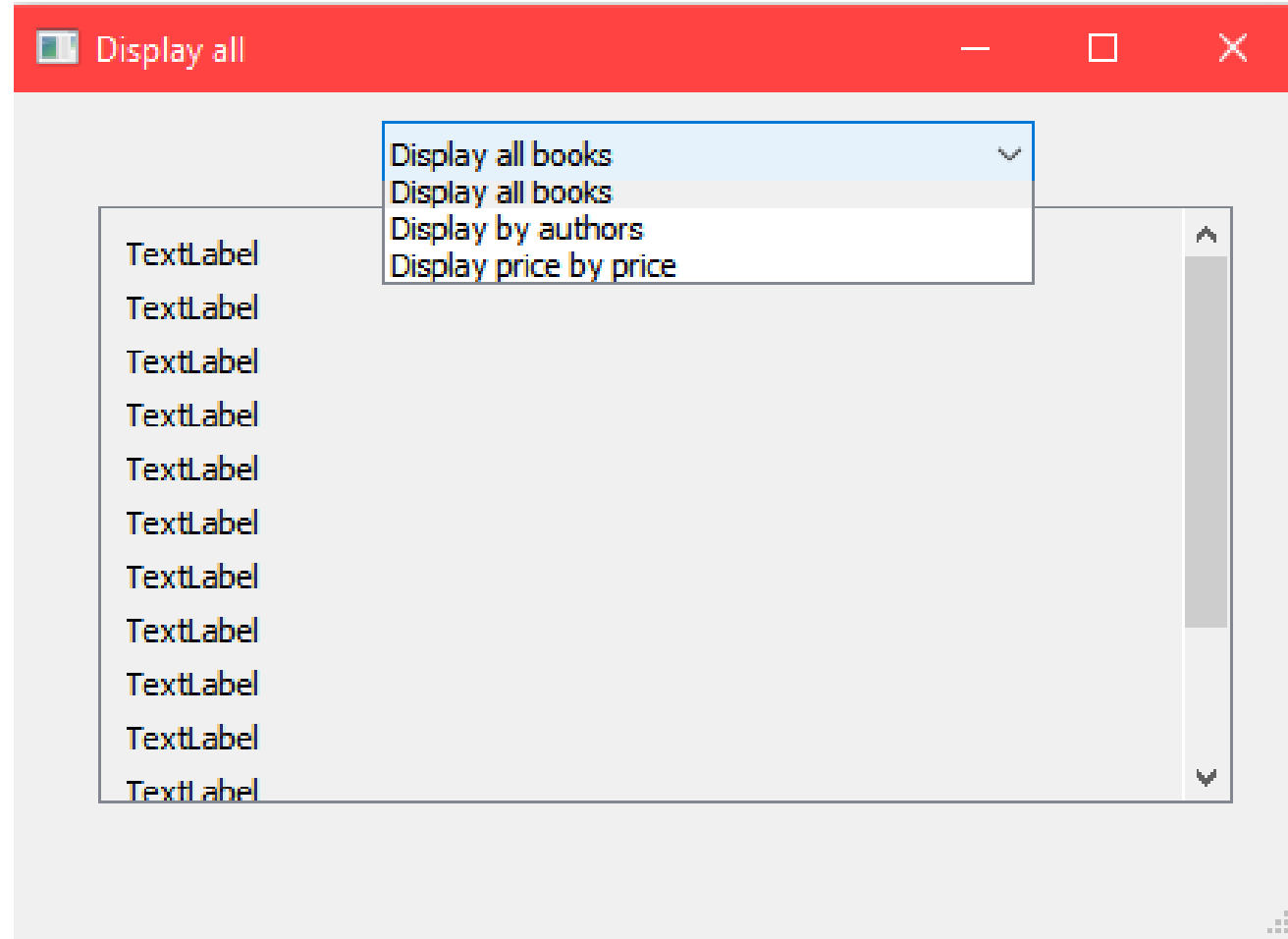


Otherwise

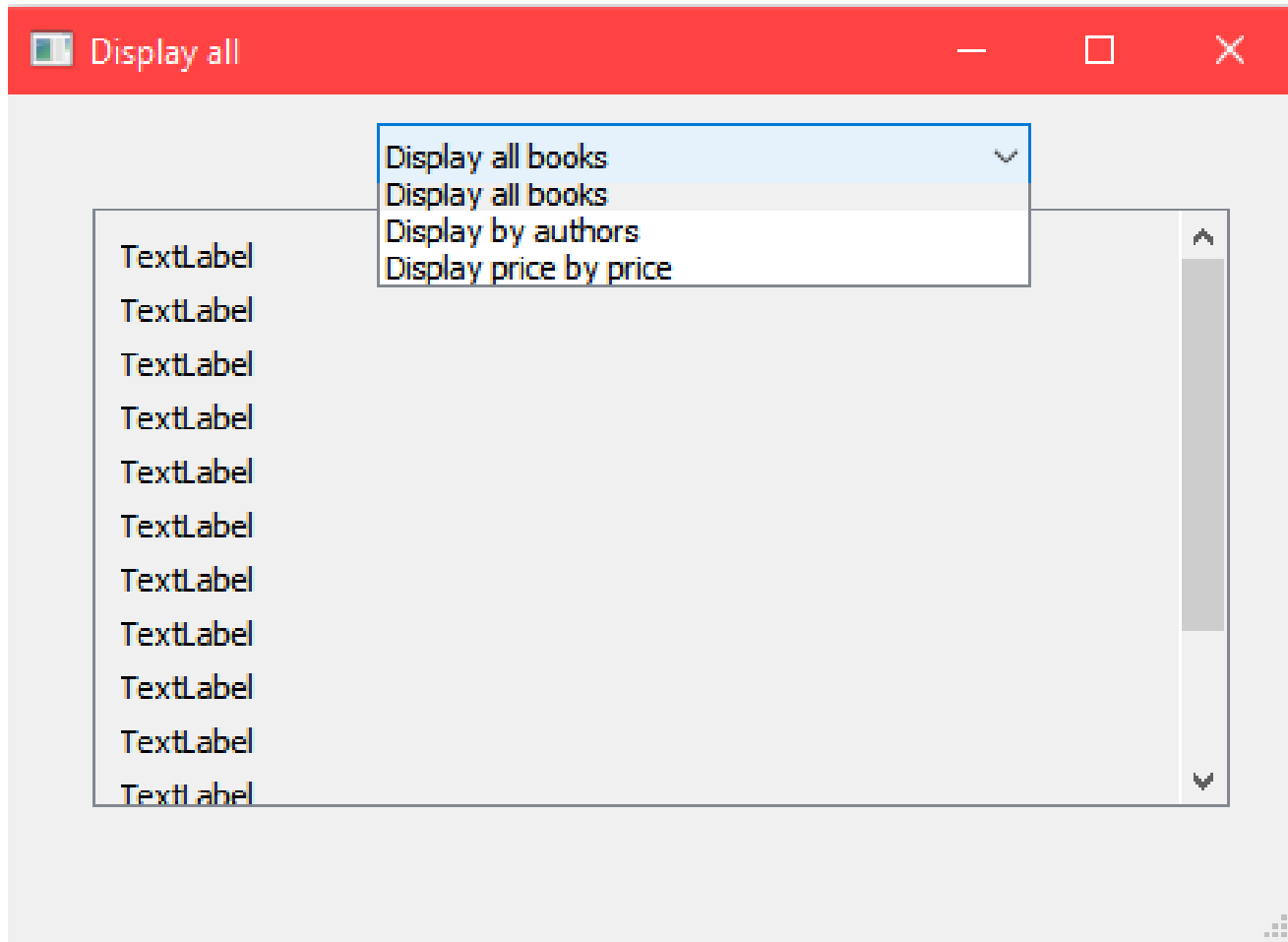




# Book Display



# Book Display

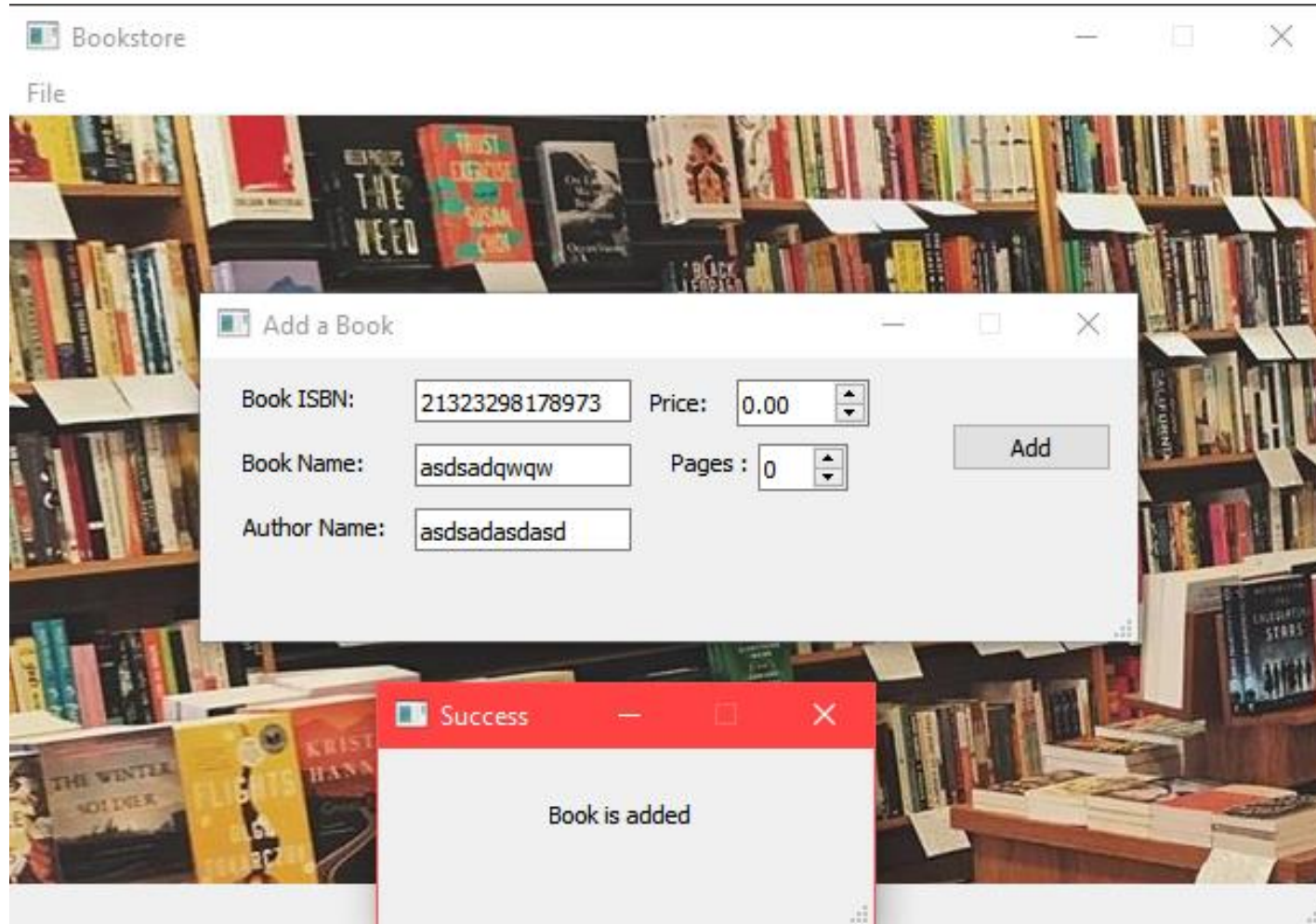


Display all books ascendingly

Display by authors alphabetically

Display by price ascendingly

# Implementation



Implementation for a listed book