

## Serendipity Booksellers Software Development Project—Part 2: *Designing and Creating Output Screens*

### Screen Design

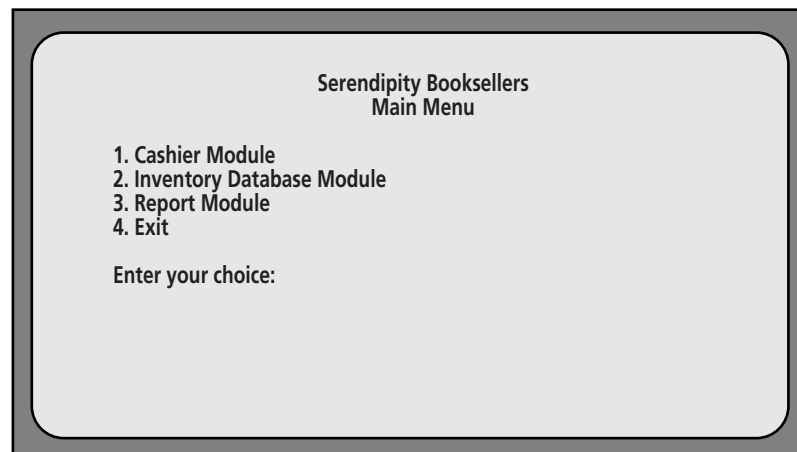
For this chapter's assignment, you are to write programs that display the main screens used in the project. The screens have already been designed, so your primary task is to write the C++ code that displays them. For testing purposes you will create a separate program for each screen. (In later chapters you will merge these into one program.) Here is a list of the programs you should have after completing the assignment for this chapter:

```
mainmenu.cpp  
cashier.cpp  
invmenu.cpp  
bookinfo.cpp  
reports.cpp
```

### Assignments

#### 1. Create the Main Menu Screen.

Create a program called `mainmenu.cpp`. It should display the following screen:



```

Serendipity Booksellers
Main Menu

1. Cashier Module
2. Inventory Database Module
3. Report Module
4. Exit

Enter your choice:
```

2. Create the Cashier Screen.

Create a program called cashier.cpp. It should display the following screen:

Serendipity Booksellers

Date:

| Qty | ISBN | Title | Price | Total |
|-----|------|-------|-------|-------|
|-----|------|-------|-------|-------|

Subtotal

Tax

Total

Thank You For Shopping Serendipity!

3. Create the Inventory Database Menu Screen.

Create a program called invmenu.cpp. It should display the following screen:

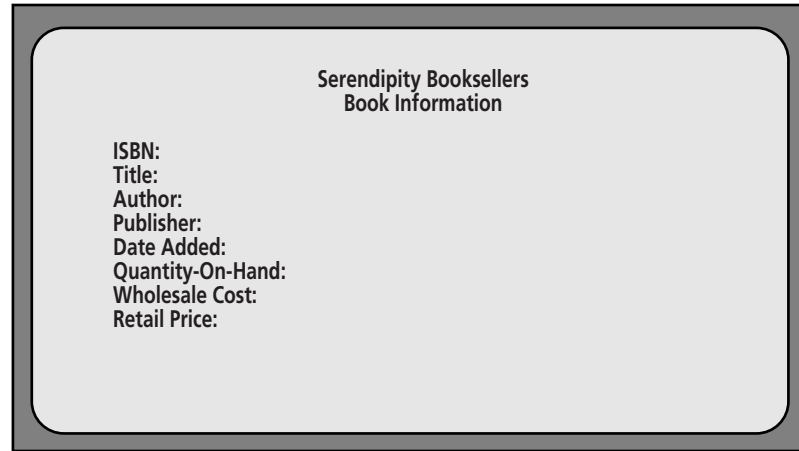
Serendipity Booksellers  
Inventory Database

1. Look-Up a Book  
2. Add a Book  
3. Edit a Book's Record  
4. Delete a Book  
5. Return to the Main Menu

Enter your choice:

**4. Create the Book Information Screen.**

Create a program called `bookinfo.cpp`. It should display the following screen:



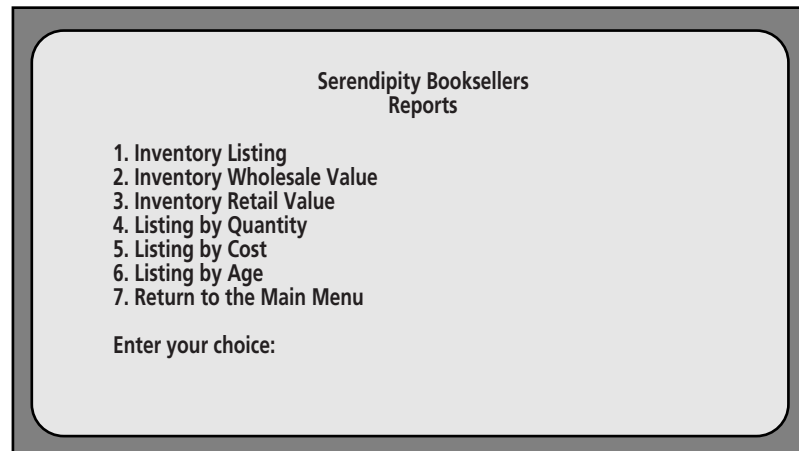
The screenshot shows a window titled "Serendipity Booksellers Book Information". The window has a light gray background and a dark gray border. The text is as follows:

Serendipity Booksellers  
Book Information

ISBN:  
Title:  
Author:  
Publisher:  
Date Added:  
Quantity-On-Hand:  
Wholesale Cost:  
Retail Price:

**5. Create the Reports Menu Screen.**

Create a program called `reports.cpp`. It should display the following screen:



The screenshot shows a window titled "Serendipity Booksellers Reports". The window has a light gray background and a dark gray border. The text is as follows:

Serendipity Booksellers  
Reports

1. Inventory Listing  
2. Inventory Wholesale Value  
3. Inventory Retail Value  
4. Listing by Quantity  
5. Listing by Cost  
6. Listing by Age  
7. Return to the Main Menu

Enter your choice: