

1. In **Chapter 7**, do the following exercises:

Self-Review Exercises 7.1-7.5; Exercises 7.6-7.9, 7.11.

In **Chapter 18**, do the following exercises:

Self-Review Exercises 18.1-18.6; Exercises 18.7, 18.8, 18.12, 18.13.

In **Chapter 23**, do the following exercises:

Self-Review Exercises 23.1.

The above listed exercises are NOT to be handed in.

For all programming assignments, your names MUST appear twice in your program: First, in the comments at the top of your code; and **second**, in your output. For example, in the output you can say “Programmed by Your Full Name”. **Failure to do this will result in the loss of 2 points.**

At the top of every program this semester you MUST place the following:

```
// Your Full Name  
// Your Email @my.smccd.edu  
// CIS 255 HJ  
// File Name  
// Class/Program Description  
// Assignment #  
// Date
```

2. **Do Exercise 7.19 on page 297. Name your class Airline and your test program AirlineTest. Use the console for the input/output. Be sure to test your program thoroughly. You need a method that keeps the program running until all seats have been booked. You should supply methods for the following: book a seat, print a boarding pass. All methods are instance methods. You must follow all Programming Guidelines (see handout).**
3. **Do Exercise 18.18 on page 796 – modify the exercise to write an additional method recursiveMaximum to find the maximum value recursively. Place both methods in a class named MinMax. The base case for both methods is reached when the array size is one. The test program is MinMaxTest. In the test program create an integer array using an initializer list with at least six values. Use a dialog box for output. Be sure to clearly label your output. For examples using JOptionPane dialog boxes see pages 92-95. You must follow all Programming Guidelines (see handout).**

SUBMIT: All files (8 total) must be compressed into a single zipped file named **assign2.zip** and uploaded to WebAccess. Find the week that the assignment is due and click on the upload link. Make sure that I receive ALL FILES, as I am not able to grade incomplete assignments. Submit a printout of ALL source code. All assignments are due at 5:00 PM on the due date.

In most versions of Windows you can just right-click on the folder and choose Send to -> Compressed (zip) folder.

On a Mac follow these instructions to zip your files:

<http://www.macinstruct.com/node/159>

Upload the assign2.zip file to the upload link in WebAccess by the due date/time.

<http://smccd.mrooms.net>

Sample Output:

Programmed by Your Name.

Welcome to Java Airways
Please type 1 for First Class
Please type 2 for Economy
choice: 1

First Class. Seat #1

Please type 1 for First Class
Please type 2 for Economy
choice: 2

Economy Class. Seat #6

Please type 1 for First Class
Please type 2 for Economy
choice: 1

First Class. Seat #2

Please type 1 for First Class
Please type 2 for Economy
choice: 2

Economy Class. Seat #7

