Due: March 13

1. I have not asked you do read Chapter 4 and you do not need to do so, but do some research and answer Problem 4.5 on page 195.

2. Problem 5.3 on page 248-249

3. Problem 5.4 on page 249

4. Problem 6.17 on page 306

5. Java has a Thread class that you can use to run parallel threads. One of the methods in that class is a sleep method that can put the thread to sleep for a while. Using Java and Threads, implement the code given in problem 5.4 on page 249. Use the sleep method to slow down the threads enough that you get some interference and a result other than 100 (remember you might have to run the program several times before the interference occurs). Your program must be called TallyXYZ.java where XYZ are your initials. You must submit the .java code via email. Include a screenshot of a run that does not give you 100 in your homework submission.