See the first 10 minutes of the Lecture 39 video for Programming Paradigms on iTunes U for a discussion of this assignment.

1. Study Ben-Ari, Chapter 3.

2. Write a C-- program that adds a third process to Ben-Ari, Algorithm 2.9, page 30, that also loops 10 times and increments n. Name your source file count3.cm and hand it in electronically per the instructions for your course. Note the lowercase c.
   
   CAUTION: The symbol p is a reserved word in C--, so you must change the name of the process from p to some other name.
   
   For your convenience, here is a file named count3.cm that contains Ben-Ari’s count.cm code that you can modify.
   
   http://www.cslab.pepperdine.edu/warford/cosc450/count3.cm

3. Write a Java program that adds a third process to Ben-Ari, Algorithm 2.9, page 30, that also loops 10 times and increments n. Name your class Count3. Adjust the random delays so that the correct result will occur about half of the time. Name your source file Count3.java and hand it in electronically per the instructions for your course. Note the uppercase C.
   
   For your convenience, here is a NetBeans project that contains the Java code from CountB.java that you can modify. Delete the variable x in the main program, and do not use any command-line argument. Instead, allocate each process with a specific integer in its constructor.
   
   http://www.cslab.pepperdine.edu/warford/cosc450/Count3.zip
   
   Hand in only the source file Count3.java, and not a compressed NetBeans project or a .jar file.
   
   (Note to Pepperdine students: You must compile and test your program in the file named Count3.java, and only then make a copy of the file with your two-digit number prefixed to the file name. The Java compiler requires the file name to be Count3.java.)