DQ1 (for edition 7): Compile and run the ArrayWriter, SimpleArray and SharedArrayTest examples in the textbook Figure 23.8, Figure 23.9 and Figure 23.10, modify them to write letters (i. e. a,b,c,d,e,f,g, ...) to the array instead of numbers. Please discussion the differences between the SimpleArray class in Figure 23.10 and the SimpleArray class in Figure 23.7.

DQ1 (for edition 8): Compile and run the ArrayWriter, SimpleArray and SharedArrayTest examples in the textbook Figure 26.8, Figure 26.9 and Figure 26.10, modify them to write letters (i. e. a,b,c,d,e,f,g, ...) to the array instead of numbers. Please discussion the differences between the SimpleArray class in Figure 26.10 and the SimpleArray class in Figure 26.7.

DQ1 (for edition 9): Compile and run the ArrayWriter, SimpleArray and SharedArrayTest examples in the textbook Figure 26.6, Figure 26.7 and Figure 26.8, modify them to write letters (i. e. a,b,c,d,e,f,g, ...) to the array instead of numbers. Please discussion the differences between the SimpleArray class in Figure 26.8 and the SimpleArray class in Figure 26.5.

DQ2: Give an example of thread synchronization in your everyday life or in a software project you have been involved in the past and discuss how you will implement this example in Java. No need to provide source code, only discussion. (Please note that I would like to see real life problems or examples and how you would use Thread synchronization in solving the problems.)