

Assignment 04 – Due: Monday, Jan 26th.

### Programming Project 3.3

Read through programming project 3.3 starting on page 142. Implement & document the class **DoubleArraySequence** as described in the text. I've provided an incomplete file **DoubleArraySequence.java** on the course homepage to get you started. You'll need to design & implement your own tester to verify that **DoubleArraySequence** works properly. The test program should exercises all the methods of your class at least one time.

Note: all of the comments for **DoubleArraySequence** as well as the methods **trimToSize(..)** & **clone(..)** have been provided for you. You should pay particular attention to the commenting style & the implementation of **clone(..)** for future reference.

Put a copy of your source code files & into a **.zip** file named **CS320-A04-YOURNAME.zip**. Note: if you have trouble creating zip files in the labs, refer to my tutorial on my Fall 2008 CS104 course page.

Upload the **.zip** file to Moodle.

The following rubric will be used for grading:

<b>Description</b>	<b>Points</b>
Correct filename(s) are used	<b>1</b>
Source code content – DoubleArraySequence class implemented as indicated in text/ documentation	<b>15</b>
Source code content – tester class exercises all the methods of DoubleArraySequence	<b>3</b>
Source code compiles without errors	<b>2</b>
Program executes	<b>2</b>
Program output is correct	<b>5</b>
Tester class, method(s) & parameters are documented	<b>2</b>
<b>TOTAL POSSIBLE POINTS:</b>	<b>30</b>
Extra credit: implement & document the equals(..) method for DoubleArraySequence. It should return true if & only if two DoubleArraySequences have the same sequence of numbers.	<b>5</b>