**44-542 Object Oriented Programming**

**Two-Dimensional Arrays**

1. Write a complete Java program to do the following:
   1. Declare an array named numArray2D as a two-dimensional array of int values with four rows and three columns.
   2. Fill the array with data read from the text file 2DArrayData.txt. The first three items in the file will be used to fill the first row of the array, the second three for the second row, and so forth. Use the Scanner class to read from the file.
   3. Print the contents of the array in table format with four rows and three columns.
   4. Calculate and print the average value of the numbers stored in the array.
   5. Print out all values in the array that are greater than the average.

Output of program:

25 10 14

4 5 3

9 8 15

17 12 20

average = 11.833333333333334

Array values greater than average:

25 14 15 17 12 20

Contents of 2DArrayData.txt

25

10

14

4

5

3

9

8

15

17

12

20